

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

**NATIONAL WATER SUPPLY AND DRAINAGE BOARD
MINISTRY OF HOUSING AND PLANTATION INFRASTRUCTURE
DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA**

**THE DETAILED DESIGN STUDY
ON
GREATER KANDY WATER SUPPLY
AUGMENTATION PROJECT
IN
THE DEMOCRATIC SOCIALIST REPUBLIC
OF
SRI LANKA**

FINAL REPORT

**VOLUME 3
(BILLS OF QUANTITIES)**

WITH PRICE

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**NJS CONSULTANTS CO., LTD.
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Contract GK/JBIC/04 Tender Documents

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Preamble To Bill Of Quantities

Part 1 General

1.1 Application

- A The relevant clause of this Preamble shall be deemed to apply equally to work subsequently ordered for execution by the Contractor, either under provisional sums or variation orders, except where specifically varied therein.
- B In the Bill of Quantities, the sub-headings and item descriptions identify only definitive permanent components and do not state the tasks either basic or incidental required to be carried out by the Contractor nor do they comprehensively register all the materials required. The exact nature and extent of the work to be performed shall be ascertained by reference to the Drawings, Specifications, Tendering Conditions and Conditions of Contract as the case may be, read in conjunction with the matters listed against the relevant heading and item description as described in the Bill of Quantities.
- C Differences in the method of billing and in the phraseology used in various parts of the Bill of Quantities will not be recognized as a basis of any claim for an increase in the Contract Price.
- D No additional items shall be inserted into, nor any alterations made to, any Bill of Quantities.

1.2 Method of Measurement

- A All items of work specified and/or shown on the drawings shall be valued by the measurement of such items only as are included in the Bills of Quantities, which items shall cover all costs incurred by the Contractor in fulfillment of his obligations under the Contract.
- B The net measurement or weight of the finished work in place will always be taken, and, except where otherwise stated, or where separate items are provided, no allowance will be made for cutting, wastage, working space, overlaps, circular work, etc., and no deductions will be made for grout nicks, rounded arises, bulking or shrinkage and the like.
- C Payment will be made for only those materials, which are installed in the permanent works and taken over to the stocks as specified in the Specifications to the approval of the Engineer. Construction materials supplied and delivered to the site by the Contractor which become surplus to the above requirements shall become the property of the Contractor who shall reimburse the Employer any money that was paid to the Contractor for the supply and delivery to the site of the surplus materials.

1.3 Units and Extension of Bill of Quantities

- A All sizes and quantities have been entered in the Bill of Quantities in metric units. Figures with decimals, including sums of money are written with a full stop in the integer position.
- B The format of the Bill of Quantities is such that it allows the Tenderer to insert rates both local currency (Sri Lanka Rupees) and foreign currency (Japanese Yen [¥]) components for each item. For specific items of imported goods, further columns are provided for the Contractor to insert the rate (in Sri Lankan Rupees) payable on each item for customs duty, cess, National Security Levy, excise duty etc. The total of local currency together with the

foreign currency components for each item (including the rate for customs duty etc., where relevant) will be the contract rate for the item.

1.4 Rates and Sums to be for Work Complete

A Notwithstanding any limits which may be implied by the wording of the individual items and/or explanation in this preamble, it is to be clearly understood by the Contractor that the rates and sums which are entered in the Bill of Quantities shall be the full inclusive value for the work, finished complete in every respect, whether separately or specifically described in the Contract Documents or not. The Contractor shall be deemed to have taken full account of all requirements and obligations, whether expressed or implied, covered by all parts of this Contract, and to have priced the items herein accordingly. The rates and sum must include for all incidental and contingent expenses and risks of every kind necessary to construct, complete and maintain the whole of works in accordance with the Contract. Full allowance shall be made in the rates and/or sums, inter alia, which are referred to and/or specified herein:

- paying fees and giving notice to authorities;
- payment of all patent rights and royalties;
- all site investigations which may be necessary;
- all setting out and survey work;
- safety precautions and all measures to prevent and suppress fire and other hazards;
- interference to the works by persons, vehicles, vessels and the like using the existing land and water facilities;
- full maintenance of access to the existing roads in motorable condition and waterways during the period of construction;
- works in connection with the protection and safety of adjacent structures;
- maintaining public roads and footpaths and maintaining access upon existing roads or recognized routes;
- temporary fencing, watching, and lighting;
- supporting faces of excavation, temporary or permanent shoring, shuttering & scaffolding etc.
- dewatering, if required, and working in the dry except where otherwise permitted by the specification;
- supply, inspection, sampling and testing of materials and of the Works under construction, including the provision and use of equipment;
- except where separate items are provided for bringing plant to the site and removing on completion, for providing, transporting to site, setting to work, operating (including all fuel and consumable stores), maintaining and removing from the site upon completion all construction plant and equipment necessary for the execution of the work, including the cost of all tests and other requirements in respect to such plant and equipment;
- the recruitment, bringing to and from the site, accommodating and feeding and all incidental costs and expenses involved in the provision of all necessary skilled and unskilled labour and supervision;
- supplying, maintaining and removing on completion the Contractor's own accommodation, offices, stores, workshops, transport, welfare services and all charges in connection therewith;
- reinstatement of the site to the satisfaction of the Engineer;
- all costs of design, drawings, and related data for materials, pipework and equipment;
- all costs arising out of inspection and testing at manufacturers' works before dispatch of materials, pipework and equipment;

- all ancillary parts, minor fittings, bolts, nuts, gaskets, washers, fixings, etc. joining materials, protective coatings and sleeveings and other items not specifically listed, but necessary for the proper installation of the materials, pipework and equipment;
 - all costs of packaging and protection for export and storage for materials, pipework and equipment;
 - all costs of freight, insurance and related documentation for shipment to Sri Lanka for materials, pipework and equipment;
 - all costs of custom duty, cess, GST, NSL, surcharges and excise duty etc for materials, pipework and equipment;
 - all costs of unloading at the port, road transport, offloading, stacking and storage in temporary sheds or weather proof sheds etc. and double handling as required at site for materials, pipework and equipment;
 - drawings and reports required during the execution of the works;
 - as built drawings, operation and maintenance manuals and close out reports.
- B No claim will be considered for further payment in respect of any work or method of execution, which may be described in the Contract or is inherent in the construction of the work and detailed on the drawings on account of:
- items omitted from the Bill of Quantities, but depicted on the drawings.
 - any omission from the wording of the items or from a clause in the Preamble or
 - no mention of such work or method of execution having been in the Preamble.
- C Each item in the Bill of Quantities is to be priced. Items against which no rates or sums are entered by the Contractor, whether quantities are stated or not, will not be paid for when executed, but will be regarded as covered by rates and sums set against other items in the Bill of Quantities.
- D The quantities set out in the Bill of Quantities are the estimated quantities of the work and they shall not be taken as the actual and correct quantities of the works to be executed by the Contractor in fulfillment of his obligations under the Contract.
- E The Contractor shall be deemed to have taken into account all of the following in his Tender prices and his construction programmes:
- all recognized holidays, festivals, religious and other customs;
 - any stoppage of work or delays due to adverse weather conditions.

1.5 Rates and Sums to Bear Proper Relation to Work Described

The rates and sums entered by the Contractor against all items in the Bill of Quantities shall bear a proper relationship to the cost of carrying out the work described in the Contract. All on-costs and similar charges which are applicable to the Contract as a whole are to be spread over all the rates in the Bill of Quantities, whilst those which are applicable only to particular sections of the Contract are only to be spread over items to which those sections refer.

1.6 Provisional Sum Items

- A Provisional Sums are represented by the words 'Provisional Sum' entered under the description and shall be dealt with as provided for in the Conditions of Contract.
- B Provisional Sum items are followed by an item where the Contractor shall indicate, as a percentage, all his financial and administrative costs including costs of liaison with external agencies, profits, overheads and any other costs for the "Provisional Sum" item. This percentage will be the basis of assessing the actual amount payable to the Contractor.

1.7 Provisional Quantity Items

Items in the Bill of Quantities designated as “Provisional Quantity” in the description column indicate that the quantities for the work covered by such items are the best possible estimates that can be made in advance of the execution of the work, or that the provision of such facilities as are described in the items, may not, in the event, be required under the Contract. All items so designated will be used only at the direction and discretion of the Engineer, and if not used either wholly, or in part shall, as to the amount not used, be deducted from the Contract Sum. Where such items consist of a sum, the Contractor shall enter a **lump sum** which shall be the price for the work if executed, as distinct from a ‘Provisional Sum’ as defined herein. No claim will be entertained in respect of overhead charges or any other costs which may allegedly result from the omission of all or part of the work covered by such “Provisional Quantity” items.

1.8 Payment of Items on a Monthly Basis

Payment for items which are measured on a monthly basis will not be made until the full facilities described in the items and the specification have been provided to the satisfaction of the Engineer. Payment will continue until such time as the Engineer shall signify that facilities are no longer required.

1.9 Payment of Lump Sums

- A Lump Sum items, and where the Tender includes additional items for complying with the General Conditions etc., will be paid on the basis of a proportion of the respective lump sum in the same ratio as the value of the work complete bears to the total value of the Contract.
- B Lump sum items which are related to specific work will be paid on the basis of the proportion of actual work done to the total work of that specific item as assessed by the Engineer.
- C Items with quantities and units will be paid against number of units used and/ or incorporated in the works.

1.10 Facilities for Engineer

- A The sums entered to cover **the cost of the Engineer’s site offices** are to include erection, and subsequent removal on completion, for provision of all the items specified and also for the supply of electricity, water supply, telephone connection ,electrical and electronic appliances and other facilities.
- B The sums entered **to cover the maintenance of above facilities** are to include the payment for provision of electricity, gas, water, telephone, cleaning and security services etc. The sums shall also include for the maintenance and routine servicing of all electrical and electronic appliances, and making good of all defects of all equipment and furnishings immediately prior to the handing over to NWSDB.
- C The sum entered **to cover the cost of assistance to the Engineer** shall include for labour, materials and equipment specified.

1.11 Protection of Completed Work and Clearing upon Completion

The Contractor shall allow in his rates for protecting completed work from subsequent operations, making good all damage to complete work, for clearing away all rubbish as it accumulates, and leaving the site in a tidy condition to the satisfaction of the Engineer.

1.12 Rates

In addition to the breakdown of the tendered rates and lump sums in the Schedule of Rates attached to the Bill of Quantities, the Contractor may be required to provide the Engineer with a full and detailed Rate Breakdown within 48 hours of being so requested. The breakdown is to show the actual calculations of the Labour, Plant/Equipment and Materials costs for the works, the build-up of measured rates with profit and overheads and any other allowances used to arrive at the Tender Prices.

1.13 General

Unless specific items have been provided for in the Bill of Quantities no separate measurement shall be made in respect of items, whether specified or not, requiring mortar/sealant; assembling, building-in or fixing to blockwork, concrete, metalwork or timber; painting and protective treatment; welding; drilling; bolting inclusive of bolts, nuts and washers; screws, nails and plugs; jointing and joint materials; boxing out and filling thereof; grouting; packing; bedding; insulation between different metals, making good; conduits and fittings; cutting; waste; labour; materials; and all incidental work to the items concerned and their surroundings.

Part 2 Site Work

2.1 Site Clearance

Rates for site clearance shall include for, but not be limited to, the removal and grubbing out of all trees, shrubs, boulders or other debris from the area of the site and legal disposal of same to tip provided by the Contractor. The measurement shall be the plan area of the area as expressly required to be cleared by the Engineer.

2.2 Excavation - General

- A The rates and prices for excavations shall be for, but not be limited to, all types of ground encountered, except rock, including those above, or below, water level. The Contractor must make allowance for the possibility of permission not being granted for the use of explosives.
- B In no case shall any of the following be included in the measurement for payment:
- quantity of any excavations performed prior to the taking of measurements of the undisturbed, original, natural ground;
 - quantity of excavation required due to the swelling of the foundation when driving piles;
 - removal of slides, cave-ins, silting or filling due to the action of the elements or weather and/ or carelessness of the Contractor.
- C For unsuitable material, the excavated material shall be measured as the volume of material directed to be removed by the Engineer.
- D No allowance shall be made for any bulking or for any extra transport required due to bulking.
- E Excavation in rock which shall, in all cases, be measured **extra over**, shall be by volume from the level at which rock is encountered. For trench excavation the volume measured shall be to the maximum bottom width of trench permitted under the Specification or actual width, whichever is less, and the depth to pipe invert. An isolated volume rock or concrete occurring within other material to be excavated shall not be measured separately

unless its volume exceeds 1m³ except that the minimum volume shall be 0.25m³ where the net width of excavation is less than 2.5m.

F The rates shall include, but not by way of limitation, for:

- for clearing any scrub or other vegetable growth including all trees and for legal disposing of the whole of the cleared material to tip provided by the Contractor;
- excavation to the correct depth to the net dimensions as indicated on the Drawings and preserving the bottoms of excavations in a state suitable for the reception of concrete, pipes or pipe bedding, and no payment will be made for any concrete or pipe bedding required for filling over-excavated volumes or disturbed areas;
- any additional excavation required for working space, temporary or permanent shoring, and subsequent refilling, compacting and disposal of surplus excavated material;
- taking all precautions by supporting faces of excavation to ensure the safety of the workmen and to prevent damage to adjacent walls, buildings and all other structures and services and to prevent damage to road and other surfaces by slip or **breaking away of trench sides** or other cause, including permanent and/ or temporary shoring of trenches;
- keeping the site and trenches and all other excavations in a dry condition and free from water from whatever cause arising;
- all obligations with respect to trial holes
- all temporary and permanent measures required to protect and support all existing pipes, cables and services, including all chambers, gullies and foundations thereto, or repair or replace them should they become damaged due to the Contractor's activities;
- trimming the bottoms of excavations including bottoming to falls, and trimming to sloping surfaces, where required or specified, including foundation preparation as specified;
- provision of storage areas for the temporary storage of any material required for backfilling which cannot be stored alongside the excavation for any reason, together with the cost of loading, transporting, including disposal of surplus, and unloading such material; disposal of rock to a site approved by the Engineer: and all other charges incurred in this respect;
- backfilling to structures and pipelines including all multiple handling, spreading, levelling, watering, compaction, trimming each layer and testing of backfill all as specified ;
- all barriers, watching, lighting, warning signs, traffic control and any other measures necessary to ensure complete safety around the area of the works;
- temporary and permanent reinstatement of all affected surfaces and structures except where separate items are included for permanent road reinstatement.

2.3 Structure Excavation

For structures, the volume of material excavated shall be the product of the horizontal plan area of the base of permanent work constructed, and the mean depth below ground level. The mean depth shall be measured to the underside of the specified blinding concrete.

2.4 Pipework

A Pipe Laying

- 1 Pipe laying shall cover all things necessary to provide, install, lay and test the complete pipeline without limitation including storing, transporting, handling, site clearance, excavation (other than rock excavation), dewatering, granular bedding, concrete barriers, selected fill material, laying, cutting and forming short lengths of pipe, jointing, welding when approved, installation of polyethylene sleeve for DI

- pipelines, incorporation of all required pipe specials, couplings and fittings, special pipe and fitting protection (including flexible couplings, flange adapters, flanged joints, ferrules, saddle straps, nuts, bolts and washers), provision and installation of detectable marker tape, painting where specified, connections to existing mains, backfilling, compacting and testing thereof, removal and proper disposal of surplus excavated material, temporary and permanent support blocks to pipes, temporary and permanent reinstatement (permanent reinstatement in roads is paid for separately as specified) and all other things necessary for pipeline installation and commissioning not measured separately under other items provided in the Bill of Quantities.
- 2 Payment will be by depth band from ground level to invert level of pipe. The depth of pipelines shall be the average depth to invert calculated as the arithmetic mean of measurement of depth from original ground level to the invert level of the pipe taken at every 10m and at change of direction. For lengths of pipelines less than 10m long the measurement of depth shall be the average depth from original ground level to the invert level of the pipe measured at each end of the pipeline.
 - 3 The quantities for laying of pipes shall be measured by length of pipe, for each material, class and size, along its centre line measured from the first joint outside of a structure by using steel tape or laser measuring equipment to the joint nearest to the outside of the next structure. No deduction will be made for pipes or fittings in thrust blocks and for valves and fittings buried directly in the ground. Such fittings and valves will be measured extra over the pipeline cost. The cost shall include (where required) extended spindles, key heads, surface box assembly with protection pipes and all fixings and painting as required and as depicted on the Drawings or specified in the Specification.
 - 4 Concrete for thrust blocks shall be measured in cubic metres and shall include for all work necessary to complete the block, including excavation and backfilling, blinding, formwork, reinforcement, reinstatement, etc.
 - 5 Pipework, valves and fittings inside structures, from the outside joint nearest to the structure will be included in the cost of the internal pipework for the structure, or as otherwise specified.
 - 6 Pipeline structures including pipe bridges, valve chambers, air valve chambers, washout chambers, sumps, manholes and the like shall be measured by number and shall include for all work necessary to complete the structure, excluding piling, but including excavation and backfilling, blinding, formwork, concrete, blockwork, reinforcement, rendering, waterproofing, structural steelwork, metalwork including ladders or step irons, protective coatings, etc. and all connecting pipes, valves, fittings, surface boxes, covers, including all necessary supports, hangers, clamps and for all building in of the pipes.
 - 7 Crossings of watercourses and culverts, except where detailed as a pipe bridge, shall not be measured separately and the specified requirements including trench cut-off walls, riprap and concrete surround, shall be included in the appropriate rate for the pipeline section.
 - 8 Concrete surround of the pipework and fittings shall be measured extra over by linear metre along the length of the pipeline.
 - 9 Geotextile surround to granular bedding, if necessary, shall be measured extra over by linear metre along the length of the pipeline.

10 No separate valuation shall be made in respect of concrete barriers; interconnecting pipework; detectable marker tape; polyethylene sleeving; survey of all underground utilities and trial holes. The Contractor's costs for meeting his obligations under the Contract with respect to these items shall be deemed to be included in the rates for pipe laying.

B Connection to Existing Pipelines

In addition to other requirements of this preamble, rates for connecting to, or capping off, existing pipework shall include but not by way of limitation for:

- co-ordinating the work with the NWSDB;
- any work necessary outside normal working hours or days;
- ascertaining the precise outside diameters of existing pipes prior to placing orders for couplings etc;
- arranging for the location, isolating and drainage of the existing main;
- re-commissioning.

C Pressure Testing, Disinfection and Cleaning

Lump sum items for pressure testing and disinfection and cleaning shall cover costs of, but not be limited to, all materials including water, labour, tools and equipment and incidentals necessary to complete the required work for the pipelines and all associated fittings and chambers, disconnecting and reconnecting any pipes and specials, any excavation and backfilling involved. The amount for these items will only become payable when the Engineer approves the successful test results.

D Permanent Reinstatement in Roads

The estimated costs agreed by the Engineer with the roads authority will be paid by the Contractor to the authority and the Contractor will be reimbursed from Provisional Sums included in the Bills of Quantities.

- 1 The estimated costs are based on the maximum trench widths specified, and the type of road surface to be repaired. Upon completion of the work the reinstatement cost will be recalculated by the authority following joint re-measurement. Any excess expenditure due to exceeding the maximum pipeline trench widths or due to consequential damage to the road surface arising from the Contractor's work in the roads, shall be borne by the Contractor.
- 2 For reimbursement of actual amounts due, the Contractor shall produce all measurement certificates and payment receipts from the authority.

2.5 Fill

Fill shall be measured as the net volume, above ground level, of the permanent earthwork to the dimensions shown on the Drawings or directed by the Engineer, irrespective of source of material. The rate shall include for, but not be limited to, selection, handling, placing, and compaction of excavated or imported material.

2.6 Piling

- A The Contractor shall allow in his rates for all costs of ascertaining the subsoil conditions at the various sites and for all detailed calculations; method statements to the Engineer for approval; submittals and records including presentation of test results.
- B The rates shall include all costs for providing all piling equipment to site; setting up; dismantling and removal on completion; moving, setting up and dismantling at different pile locations; idle time for labour and plant during tests or while soil samples are taken

and analysed; removal of artificial or natural obstructions; preliminary test piles; and preparation of the exposed pile head and reinforcement to receive capping.

- C Driven piles shall be measured net as length of pile driven, measured from pile toe to pile cap soffit. Rates for piles shall include but not be limited to the costs of provision of all materials (exclude reinforcement), labour, plant and tools needed to manufacture, transport, store, pitch, drive, pile extensions, cut off surplus, strip pile head, and provide and effect all other incidentals necessary for the complete installation of piles. Reinforcement will be paid for separately.
- D Cast in situ piles shall be measured net as length of pile measured from pile toe to pile cap soffit. The rate for piles shall include, but not limited to the cost of casings, linings, dewatering, excavation and boring, forming enlarged base by reaming, disposal of excavated material, concrete placement underwater, use of any drilling fluids, provision of equipment and labour to safely descend shafts for inspection, backfilling of open shafts and filling of annulus of pre-bore, provision of all material (excluding reinforcement), labour, plant and tools needed for the whole work, all other incidental costs necessary for the complete installation of piles. Reinforcement will be paid separately.
- E The rate for testing of piles as specified shall include the cost of all plant, equipment, tools and labour to carry out the load tests to the approval of the Engineer.

2.7 Marker and Boundary Posts

Rates for erection of marker and boundary posts shall include, but not be limited to, for all excavation, refilling, ramming, disposing of surplus, concrete, shuttering, reinforcement, making good ground surface, information plates and fixing and painting. In addition boundary posts shall be engraved with the NWSDB logo and the letters "NWSDB" and marker posts engraved as specified.

Part 3 Concrete Work

3.1 Concrete

- A **The rate for structural concrete** shall include, but not be limited to:
- all costs incurred in determining the mixes and testing of materials to satisfy the Specification (including any admixtures);
 - supplying all materials, storing, mixing, transporting, placing and compaction;
 - provision of all blinding concrete;
 - preparing the surface of previously executed work to provide the necessary bond with new concrete.
 - achieving specified tolerance;
 - forming slopes, falls and the like;
 - forming holes or boxing out for pipes, bolts, frames for covers and other steel work;
 - building-in pipes, ducts, conduit, junction boxes, bolts, frames, steelwork, etc;
 - forming 25 mm chamfers on all external arises to exposed concrete;
 - forming all construction joints, stop ends, temporary stops and shuttering;
 - providing and removing all shuttering/formwork and all scaffolding, centering, fabricating, assembly, cutting, fittings and fixing in position and taking all measures necessary to produce the required shapes of concrete;
 - curing the concrete and all measures to protect freshly poured concrete;
 - rubbing down etc. and making good the concrete surfaces to provide the specified finishes;

- making and testing of all test cubes and all testing and remedial work ordered by the Engineer consequent to the results of tests falling below the minimum specified;
 - all overtime working to maintain continuity of casting;
 - **all daily returns to the Engineer;**
 - leakage testing of water retaining structures including provision and legal disposal of water;
 - cleaning & disinfection of structures including provision of water & chemicals required for the operation and legal disposal.
- B Except where included in specific items, the measurement of concrete shall be by cubic metre. No deductions will be made for channels, recesses, or rebates less than 600 mm girth, for 25 mm chamfers nor for holes or ducts formed in the concrete less than 1000 mm girth.
- C No separate measurement will be made for shuttering/formwork. The cost thereof shall be deemed to be included in the rates for concrete work.

3.2 Steel Reinforcement

- A The rates for bars and fabric reinforcement shall include, but not be limited to, for providing drawings and bar bending schedules, samples, testing, supplying, transporting, storing, cleaning, cutting, bending, distributing throughout the works, fixing and supporting in position, for all binding wire (and for welding, where indicated) and all labour necessary.
- B The unit of measurement for steel reinforcement, where measured separately, is the tonne (t) and the weight of steel shall be calculated net, with no allowance made for wastage or laps and the cost of these will be deemed to be covered in the rates.
- C The weight of steel supports, spacer bars and ties used to locate and hold the reinforcement in place is not included in the quantity and the cost of these will be deemed to be covered in the rates.

Part 4 Masonry

Provisions covered under this section shall be included in the item(s) provided in the Bills of Quantities and shall be valued by the measurement of such items only as are included in the Bills of Quantities. If no specific item is provided then the work is deemed to be included in the Contractor's other rates. Rates for items shall include, but not be limited to:

- shop drawings;
- samples for the Engineer's approval;
- supply, installation and fixing of all materials;
- all cutting and finishing at openings;
- wastage;
- temporary works;
- protection of other works;
- all testing;
- leaving the whole of the work in perfect condition on completion.

Part 5 Metals

Provisions covered under this section shall be included in the item(s) provided in the Bills of

Quantities and shall be valued by the measurement of such items only as are included in the Bills of Quantities. If no specific item is provided then the work is deemed to be included in the Contractor's other rates. Rates for items shall include, but not be limited to:

- shop drawings
- samples for the Engineer's approval;
- supply, installation, fixing and building in of all materials including supports;
- all cutting and finishing at openings;
- wastage;
- temporary works;
- protection of other works;
- all testing;
- leaving the whole of the work in perfect condition on completion.

Part 6 Wood & Plastic

Provisions covered under this section shall be included in the item(s) provided in the Bills of Quantities and shall be valued by the measurement of such items only as are included in the Bills of Quantities. If no specific item is provided then the work is deemed to be included in the Contractor's other rates. Rates for items shall include, but not be limited to:

- shop drawings
- samples for the Engineer's approval;
- supply, installation, fixing and building in of all materials including supports;
- all cutting and finishing at openings;
- wastage;
- temporary works;
- protection of other works;
- all testing;
- leaving the whole of the work in perfect condition on completion.

Part 7 Thermal and Moisture Protection

Provisions covered under this section shall be included in the item(s) provided in the Bills of Quantities and shall be valued by the measurement of such items only as are included in the Bills of Quantities. If no specific item is provided then the work is deemed to be included in the Contractor's other rates. Rates for items shall include, but not be limited to:

- shop drawings
- samples for the Engineer's approval;
- supply, installation, fixing and building in of all materials including supports;
- all cutting and finishing at openings;
- wastage;
- temporary works;
- protection of other works;
- all testing;
- leaving the whole of the work in perfect condition on completion.

Part 8 Doors and Windows

Provisions covered under this section shall be included in the item(s) provided in the Bills of Quantities and shall be valued by the measurement of such items only as are included in the Bills of Quantities. If no specific item is provided then the work is deemed to be included in

the Contractor's other rates. Rates for items shall include, but not be limited to:

- shop drawings
- samples for the Engineer's approval;
- supply, installation, fixing and building in of all materials including ironmongery and glazing;
- all cutting and finishing at openings;
- wastage;
- temporary works;
- protection of other works;
- all testing;
- leaving the whole of the work in perfect condition on completion.

Part 9 Finishes

Provisions covered under this section shall be included in the item(s) provided in the Bills of Quantities and shall be valued by the measurement of such items only as are included in the Bills of Quantities. If no specific item is provided then the work is deemed to be included in the Contractor's other rates. Rates for items shall include, but not be limited to:

- shop drawings
- samples for the Engineer's approval;
- supply, installation, fixing and building in of all materials including beddings, screeds, skirtings and joints;
- all cutting and finishing at openings;
- wastage;
- temporary works;
- protection of other works;
- all testing;
- leaving the whole of the work in perfect condition on completion.

Part 10 Specialities

Provisions covered under this section shall be included in the item(s) provided in the Bills of Quantities and shall be valued by the measurement of such items only as are included in the Bills of Quantities. If no specific item is provided then the work is deemed to be included in the Contractor's other rates. Rates for items shall include, but not be limited to:

- shop drawings
- samples for the Engineer's approval;
- supply, installation, fixing and building in of all materials including supports;
- all cutting and finishing at openings;
- wastage;
- temporary works;
- protection of other works;
- all testing;
- leaving the whole of the work in perfect condition on completion.

Part 11 Equipment, Part 12 Furnishings, Part 13 Special Constructions, Part 14 Conveying Systems, Part 15 Mechanical Work, Part 16 Electrical Work

- A The supply of equipment, piping and materials shall be valued by the measurement of such items only as are included in the Bills of Quantities. If no specific item is provided then the work is deemed to be included in the Contractor's other rates. The work shall include product design, manufacturing, inspection and testing, provision of the specified accessories and spare parts, packing, shipment, expenses for custom clearance and other taxes, in-land transportation, delivery to the place at site designated by the Engineer, safeguarding and protection from inclement conditions during storage prior to, and after, installation. Payment shall be full compensation to cover all the Contractor's obligations under the Contract for furnishing all materials, labor, tools, equipment, and incidentals necessary to complete the said works.
- B The installation works of the supplied equipment, piping and materials specified above shall be valued by the measurement of such items only as are included in the Bills of Quantities. If no specific item is provided then the work is deemed to be included in the Contractor's other rates. The work shall include all multiple handling necessary prior to installation, including during storage and carrying in to the site, installation including all necessary permanent and temporary supports, building in, painting, calibration, performance testing, and any other works necessary to meet the requirements shown on the drawings and/or specified. Payment shall be full compensation to cover all the Contractor's obligations under the Contract for providing all materials, labour, tools, equipment, and incidentals necessary to complete the said works.
- C Rates for cables laid in trenches shall include, but not be limited to, excavation, backfilling and reinstatement, laying the cables and supply and laying indicator tapes and/or protection tiles, testing.
- D Rates for the installation of buried valves shall include, but not be limited to, the supply and construction of protection tubes, surface box and concrete surround.
- E Where approved amendments are required to the civil designs due to electrical or mechanical equipment offered not being in accordance with the general dimensions indicated on the Drawings, then payment shall be made at tender rates against the net quantities of civil work valued by the measurement of such items only as are included in the original Bills of Quantities and executed in accordance with the amended designs produced by the Contractor and approved by the Engineer.

End of Preamble

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No. GN 1 Common Works

GENERAL

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		REMARKS
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Allow for all costs and expenses for complying with the General Conditions of Contract and General Requirements in Specifications (Note: Any services not specifically provided for herein will be deemed to be included in the rates of other items in the BOQ)							
GN 1 - 1	All insurances in accordance with Clouse 21 of the Conditions of Contract	Sets	2	2,250,000	270,064	4,500,000	540,128	conditions of contract
GN 1 - 2	Performance Bond in accordance with Clouse 10 of the Conditions of Contract	Item	Sum	9,000,000	13,500,000	9,000,000	13,500,000	quotation
GN 1 - 3	Engineer's main office and removal on completion as specified in Section of the Specifications	Item	Sum	3,937,500	472,613	3,937,500	472,613	quotation
GN 1 - 4	Maintain Engineer's main office as specified in Section of the Specifications	Month	30	140,625	16,879	4,218,750	506,370	quotation
GN 1 - 5	Engineer's mobile offices and removal on completion as specified in Section of the Specifications	Item	Sum	787,500	94,522	787,500	94,522	quotation
GN 1 - 6	Maintain Engineer's mobile offices as specified in Section of the Specifications	Month	30	33,750	4,050	1,012,500	121,500	quotation
GN 1 - 7	Contractor's temporary site facilities and removal on completion as specified in Section of the Specifications	Item	Sum	5,625,000	675,162	5,625,000	675,162	quotation
GN 1 - 8	Attendance on the Enginner as specified in Section of the Specifications	Month	30	56,250	6,751	1,687,500	202,530	quotation
GN 1 - 9	Initial photographs as specified in Section of the Specifications	Item	Sum	112,500	13,503	112,500	13,503	quotation
GN 1 - 10	Monthly progress photographs as specified in Section of the Specifications	Month	25	11,250	1,350	281,250	33,750	quotation
GN1 - 11	Fixed project identification signboards as specified in Section of the Specifications	Nr	4	56,250	6,751	225,000	27,004	quotation
GN1 - 12	Mobil project identification signboards as specified in Section of the Specifications	Nr	2	56,250	6,751	112,500	13,502	quotation
GN1 - 13	Safety Signboards as specified in Section of the Specifications	Nr	2	56,250	6,751	112,500	13,502	quotation
GN1 - 14	As built drawings, records and manuals as specified in Section of the Specifications	Item	Sum	562,500	67,516	562,500	67,516	quotation
Total of page BOQ - 1 to GN 1 Bill Summary						32,175,000	16,281,602	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No. GN 1 Common Works

GENERAL

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		REMARKS
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
GN1 - 15	Allow for trial operating period upon issuance of Taking-over certificate. Rate to include for continued presence of competent and responsible supervisory staff including an experienced Treatment Plant Operation and Maintenance Engineer and an Instrumentation (Provisional)	Day	120	40,500	421,875	4,860,000	50,625,000	quotation
GN1 - 16	Allow for continued presence of the experienced Treatment Plant Operation and Maintenance Engineer for the balance maintenance period (Provisional)	Day	275	10,125	140,625	2,784,375	38,671,875	quotation
GN1 - 17	Inspection and testing of materials by the Engineer at manufacture's works as specified in Section of the Specifications (Provisional)	Item	Sum	562,500	5,625,000	562,500	5,625,000	quotation
GN1 - 18	Contractor's percentage on above item 17 (15 %)	%		84,375	843,750	84,375	843,750	quotation
GN1 - 19	Supply of maintenance tools, fire extinguishers and equipment as directed by the Engineer (Provisional)	Item	Sum	112,500	5,625,000	112,500	5,625,000	quotation
GN1 - 20	Contractor's percentage on above item 19 (15 %)	%		16,875	843,750	16,875	843,750	quotation
GN1 - 21	Payment to Relevant Road Authority for permanent reinstatement of roads in accordance with Clause 78 of the Conditions of Contract (Provisional)	Item	Sum	64,674,000	Nil	64,674,000	Nil	quotation
GN1 - 22	Contractor's percentage on above item 21 (15 %)	%		9,701,100	Nil	9,701,100	Nil	quotation
GN1 - 23	Payment for permanent reinstatement of A-line roads in accordance with Clause 78 of the Conditions of Contract (Provisional)	Item	Sum	9,122,625	Nil	9,122,625	Nil	quotation
GN1 - 24	Contractor's percentage on above item 23 (15 %)	%		1,368,393	Nil	1,368,393	Nil	quotation
GN1 - 25	Payment for work carried out as directed by the Engineer in accordance with Clause 59 of the Conditions of Contract (Provisional)	Item	Sum	1,125,000	Nil	1,125,000	Nil	quotation
GN1 - 26	Contractor's percentage on above item 25 (15 %)	%		168,750	Nil	168,750	Nil	quotation
GN1 - 27	Permanent diversion, support, protection or replacement of existing services as directed by the Engineer (Provisional)	Item	Sum	1,125,000	Nil	1,125,000	Nil	quotation
GN1 - 28	Contractor's percentage on above item 27 (15 %)	%		168,750	Nil	168,750	Nil	quotation
Total of page BOQ - 2 to GN 1 Bill Summary						95,874,243	102,234,375	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No. GN 1 Common Works

GENERAL

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		REMARKS
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
GN1 - 29	Additional soil investigations as directed by the Engineer (Provisional)	Item	Sum	1,125,000	Nil	1,125,000	Nil	quotation
GN1 - 30	Contractor's percentage on the above item 29 (15 %)	%		168,750	Nil	168,750	Nil	quotation
GN1 - 31	Chemical sement for clear water reservoir construction works (Provisional)	Item	Sum	112,500	Nil	112,500	Nil	quotation
GN1 - 32	Contractor's percentage on the above item 29 (15 %)	%		16,875	Nil	16,875	Nil	quotation
GN1 - 33	Landscaping at Water Treatment Plant as directed by the Engineer (Provisional)	Item	Sum	1,125,000	Nil	1,125,000	Nil	quotation
GN1 - 34	Contractor's percentage on the above item 31 (15 %)	%		168,750	Nil	168,750	Nil	quotation
GN1 - 35	Provisional Sum for dayworks in accordance with Clause 52.4 of the Conditions of Contract (Provisinal)	Item	Sum	45,000,000	Nil	45,000,000	Nil	quotation
GN1 - 36	Contractor's percentage on the above item 33 (15 %)	%		6,750,000	Nil	6,750,000	Nil	quotation
GN1 - 37	Allow for Price escalation in accordance with Clause 70 of the Conditions of Contract (Provisional)	Item	Sum	56,250,000	Nil	56,250,000	Nil	quotation
Total of page BOQ - 3 to GN 1 Bill Summary						110,716,875	Nil	

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No. GN 1 Common Works

GENERAL

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
GN 1	Page BOQ - 1 of Bill GN 1	32,175,000	16,281,602
	Page BOQ - 2 of Bill GN 1	95,874,243	102,234,375
	Page BOQ - 3 of Bill GN 1	110,716,875	Nil
GN 1-SUM	Total of GN 1 to Bill Summary	238,766,118	118,515,977

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.GN - SUM

GENERAL

BOQ Bill No	BILL DESCRIPTION	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
GN - 1	Common Works	238,766,118	118,515,977
GN-SUM	Total of General to Grand Summary	238,766,118	118,515,977

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 1: Site Work

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	This Bill rate should include for the complete execution of the works as depicted in relevant drawings, as specified in technical specification and as per site conditions.							
	<u>Preparation Work</u>							
IN 1 - 1	Allow for clearing site, up root trees and disposal of debris.	Item	Sum	506,250	212,367	506,250	212,367	quotation
IN 1 - 2	Allow for cutting and forming of earth to the grades depicted in drawings including disposal of surplus excavated material as directed.	m ³	1,117	196	82	218,932	91,594	quotation
IN 1 - 3	Allow for filling, forming and compacting excavated earth to the grades as depicted in drawings	m ³	1,117	246	103	274,782	115,051	quotation
IN 1 - 4	Allow for filling, forming and compacting imported earth to the grades as depicted in drawings	m ³	781	380	159	296,780	124,179	quotation
	<u>Road works / paved areas</u>							
IN 1 - 5	Allow for construction of asphalt paved areas as depicted in drawing, and arrangement of periphery foot-pass (neighborhood of Intake Place), parking lot (neighborhood of Balancing Tank) etc.,	m ²	5,024	843	353	4,235,232	1,773,472	quotation
	<u>Site Protection</u>							
	Allow for construction of storm water drains as depicted in drawings.							
IN 1 - 6	a) 500mm x 500mm	m	114	3,735	1,566	425,790	178,524	quotation
IN 1 - 7	b) 500mm x 300mm	m	114	2,643	1,108	301,302	126,312	quotation
IN 1 - 8	c) 300mm x 300mm	m	115	1,845	773	212,175	88,895	quotation
IN 1 - 9	Allow for gabion walls as depicted in drawing.	m ³	871	5,062	2,123	4,409,002	1,849,133	quotation
Total of page BOQ - 6 to IN 1 Bill Summary						10,880,245	4,559,527	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 1: Site Work

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 1- 10	Chain link fence with foundation, posts etc. complete as depicted in drawing.	m	459	2,029	851	931,311	390,609	quotation
IN 1- 11	Allow for supply & erection of gate as depicted in drawing. a) 4 m x 2.5 m	Nr	1	41,625	17,461	41,625	17,461	quotation
Total of page BOQ - 7 to IN 1 Bill Summary						972,936	408,070	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>This Bill rate should include for the supply of the equipment as depicted in relevant drawings, as specified in technical specification and as per site conditions.</p> <p>(1) GUARD HOUSE</p> <p><u>Excavation and Earth Work</u></p> <p>The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.</p>							
IN 2 - 1	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
IN 2 - 2	Remove top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cartaway debris off site.	m ²	135	28	11	3,780	1,485	quotation
IN 2 - 3	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation pits, upto depth 2000mm return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	21	298	125	6,258	2,625	quotation
	<u>Filling</u>							
IN 2 - 4	Excavate from borrow pits, within or outside premises with selected fill material, transport and fill under floors in compacted layers not exceeding 150mm.	m ³	15	372	156	5,580	2,340	quotation
	<u>Disposal of Water</u>							
IN 2 - 5	Allow sum for disposal of surface water	Item	Sum	25,312	10,618	25,312	10,618	quotation
Total of page BOQ - 8 to IN 2 Bill Summary						66,242	27,686	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2 - 6	<p><u>Termite Treatment</u></p> <p>Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall</p> <p><u>Concrete Works</u></p> <p>Furnish, place, compact and cure cement concrete grade 15 laid within forms in:</p>	Item	Sum	43,795	18,371	43,795	18,371	quotation
IN 2 - 7	a) 75mm thick screed	m ²	36	257	107	9,252	3,852	quotation
IN 2 - 8	<p>b) Floor slab</p> <p>Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:</p>	m ³	3	5,152	2,161	15,456	6,483	quotation
IN 2 - 9	<p>a) Columns bases and stems</p> <p>Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:</p>	m ³	1	6,093	2,555	6,093	2,555	quotation
IN 2 - 10	<p>a) Lintols</p> <p><u>Formwork</u></p> <p>Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:</p>	m ³	3	6,356	2,666	19,068	7,998	quotation
IN 2 - 11	<p>a) Columns bases and stems</p> <p>Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:</p>	m ²	6	450	188	2,700	1,128	quotation
Total of page BOQ - 9 to IN 2 Bill Summary						96,364	40,387	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 12	a) Lintols Reinforcement	m ²	33	506	212	16,698	6,996	quotation
IN 2- 13	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	62	49	20	3,038	1,240	quotation
IN 2- 14	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed tor steel 460N/mm ² including binding wire, cover and spacer blocks complete Manhole/Steps Manhole as per detail drawing	kg	236	50	20	11,800	4,720	quotation
IN 2- 15	a) MH-10 (600mm x 600mm)	Nr	1	5,625	2,359	5,625	2,359	quotation
IN 2- 16	Construction of RCC power floated steps 500mm wide as per detail drawing. Rate shall include for R/F & form work etc. Masonry Work	m	7	1,687	707	11,809	4,949	quotation
IN 2- 17	Random rubble masonry in cement and sand 1:5 using to 225mm size broken stone in foundations.	m ³	18	2,559	1,073	46,062	19,314	quotation
IN 2- 18	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level Water Roofing	m ²	13	834	349	10,842	4,537	quotation
IN 2- 19	Provide Damp proof course on top of foundations comprising 20mm thick 1:3 cement, sand screed finished with two coats of hot asphalt/DPC tar and blinded with sand.	m ²	19	266	111	5,054	2,109	quotation
Total of page BOQ - 10 to IN 2 Bill Summary						110,928	46,224	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 20	Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm	m ²	41	39	16	1,599	656	quotation
	<u>Painting</u>							
IN 2- 21	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	58	180	75	10,440	4,350	quotation
IN 2- 22	Prepare underside of asbestos free fibre cement sheet flat ceiling painted with two coats of emulsion paint an approved make and colour	m ²	33	191	80	6,303	2,640	quotation
IN 2- 23	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour.	m ²	77	204	85	15,708	6,545	quotation
IN 2- 24	Prepare underside of asbestos free fibre cement board sloping ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour.	m ²	28	204	85	5,712	2,380	quotation
	<u>Water Drainage</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	<u>A - Waste Water Disposal System</u>							
	Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
IN 2- 25	a) Nominal 110mm dia. pipes	m	2	1,237	518	2,474	1,036	quotation
IN 2- 26	b) Nominal 50mm dia. pipes	m	3	309	129	927	387	quotation
Total of page BOQ - 11 to IN 2 Bill Summary						43,163	17,994	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 27	c) Nominal 40mm dia.pipes Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order.	m	2	281	117	562	234	quotation
IN 2- 28	a) 110mm x 50mm swept junction	Nr	1	843	353	843	353	quotation
IN 2- 29	b) 50mm x40mm reducing socket	Nr	2	506	212	1,012	424	quotation
IN 2- 30	c) 110mm dia. short bend 87.5 ⁰	Nr	2	562	235	1,124	470	quotation
IN 2- 31	d) 110mm dia. Media plain "Y" junction Furnish and install pipe ancillaries and connect to perfect working order	Nr	2	1,350	566	2,700	1,132	quotation
IN 2- 32	150mm x 150mm PVC trapped floor gulley 50mm sealed depth as per detail drawing <u>B - Sewerage Disposal System</u> Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of Quantities.	Nr	1	1,125	471	1,125	471	quotation
IN 2- 33	a) Nominal 110mm dia. pipes Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.	m	4	1,237	518	4,948	2,072	quotation
IN 2- 34	a) 110mm dia. Plain Y Junction	Nr	1	1,350	566	1,350	566	quotation
IN 2- 35	b) 110mm dia. short bend 87.5 ⁰	Nr	2	562	235	1,124	470	quotation
Total of page BOQ - 12 to IN 2 Bill Summary						14,788	6,192	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 36	c) 110mm dia. Plain Y junction with back door	Nr	1	1,687	707	1,687	707	quotation
IN 2- 37	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing	Nr	2	8,437	3,539	16,874	7,078	quotation
IN 2- 38	Construct septic tank for 10 persons as per standard detail drawing	Nr	1	1,687	707	1,687	707	quotation
IN 2- 39	Construct soakage pit for 10 persons as per standard detail drawing	Nr	2	8,437	3,539	16,874	7,078	quotation
IN 2- 40	Test and commission waste water and Sewerage Disposal System	Item	Sum	25,312	10,618	25,312	10,618	quotation
	<u>Roof Frame & Covering</u>							
IN 2- 41	Supply & lay 2 layers of half round clay tile on corrugated asbestos roofing sheets including timber frame work as per detail drawing. Rate shall include for "J"bolts, nuts, sealing washers etc.	m ²	72	1,513	634	108,936	45,648	quotation
IN 2- 42	Furnish and fix ridge/hip tile including mortar. Rate shall include for laying 300mm wide tar sheet.	m	10	405	169	4,050	1,690	quotation
IN 2- 43	Furnish and lay double sided sisilation foil over a BRC mesh as per detail drawing	m ²	72	241	101	17,352	7,272	quotation
	<u>Roof Plumbing</u>							
IN 2- 44	Furnish and install 50mm x 70mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	14	3,937	1,651	55,118	23,114	quotation
IN 2- 45	Furnish and install 470mm girth Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	20	2,812	1,179	56,240	23,580	quotation
Total of page BOQ - 13 to IN 2 Bill Summary						304,130	127,492	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 46	<p>Wood Work Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, to and approved make and colour.</p> <p>Metal Work Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.</p> <p>A- Aluminium Doors</p>	m	21	405	169	8,505	3,549	quotation
IN 2- 47	Door type D1 size 900mm x 2700mm Aluminium framed 20 guage colour bonded Aluminium sheet with 5mm thick plywood backing and 5mm thick clear, float, glass single sash door with aluminium louver above.	Nr	2	20,250	8,494	40,500	16,988	quotation
IN 2- 48	Door type D2 size 800mm x 2100mm aluminium framed 5mm thick PVC coated plywood sheet (both sides) single sash door	Nr	1	13,217	5,544	13,217	5,544	quotation
IN 2- 49	Door type D3 size 1200mm x 2700mm aluminium framed 20 gauge colour bonded aluminium sheet with 5mm plywood backing and 5mm thick clear float glass double sash door with aluminium louver above.	Nr	1	27,000	11,326	27,000	11,326	quotation
IN 2- 50	<p>B- Aluminium Windows</p> <p>Window type W1 size 2000mm x 1800mm alluminium framed 5mm thick clear float glass three sash windows with alluminium louvers above.</p>	Nr	1	25,471	10,684	25,471	10,684	quotation
IN 2- 51	Window type W2 size 1200mm x 1800mm alluminium framed 5mm thick clear float glass two sash windows with alluminium louvers above.	Nr	4	15,282	6,410	61,128	25,640	quotation
Total of page BOQ - 14 to IN 2 Bill Summary						175,821	73,731	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 52	Window type W3 size 900mm x 1500mm alluminium framed 5mm thick clear float glass single sash windows with alluminium louvers above.	Nr	4	9,551	4,006	38,204	16,024	quotation
Wall/Floor/ Ceiling Finishes								
IN 2- 53	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mmx300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticecrete grout to match the colour of the tiles.	m ²	29	3,442	1,443	99,818	41,847	quotation
IN 2- 54	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mmx200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticecrete grout to match the colour of the tiles.	m ²	4	3,110	1,304	12,440	5,216	quotation
IN 2- 55	Furnish and fix glazed ceramic wall tiles of size 200mm x 200mm over a 16mm thick bed of cement and sand 1:3 and fill in joints with grout of matching colour.	m ²	10	1,210	507	12,100	5,070	quotation
IN 2- 56	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat as depicted in Specification.	m ²	58	508	213	29,464	12,354	quotation
IN 2- 57	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough.	m ²	77	205	85	15,785	6,545	quotation
IN 2- 58	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement.	m ²	12	302	126	3,624	1,512	quotation
IN 2- 59	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	27	344	144	9,288	3,888	quotation
IN 2- 60	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	33	1,149	481	37,917	15,873	quotation
IN 2- 61	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and purlins as per detail drawing	m	28	1,089	456	30,492	12,768	quotation
Total of page BOQ - 15 to IN 2 Bill Summary						289,132	121,097	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Q - Plumbing/Sanitary Installations</u>							
	<u>A- Cold Water Supply System</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
IN 2- 62	Nominal 20mm dia.pipes	m	3	168	70	504	210	quotation
IN 2- 63	Nominal 25mm dia.pipes	m	7	253	106	1,771	742	quotation
	Furnish and install pipe fixtures and fittings and connect to perfect working order							
IN 2- 64	a) Chromium plated 20mm dia brass angle valve	Nr	3	1,068	448	3,204	1,344	quotation
IN 2- 65	b) Chromium plated 25mm dia. brass stop valve	Nr	1	1,518	636	1,518	636	quotation
	<u>B- Sanitary Installations</u>							
	Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.							
IN 2- 66	a) Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap all complete to working order	Nr	1	16,875	7,078	16,875	7,078	quotation
IN 2- 67	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" traps, connector etc all complete to working order	Nr	1	20,250	8,494	20,250	8,494	quotation
Total of page BOQ - 16 to IN 2 Bill Summary						44,122	18,504	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 68	c) Chromium plated brass hand spray	Nr	1	1,687	707	1,687	707	quotation
IN 2- 69	d) 20mm dia. Chromium plated brass bib tap.	Nr	1	843	353	843	353	quotation
IN 2- 70	e) 300mm long Flexible hose "fixnol" or approved equivalent for 20mm pipes.	Nr	3	1,068	448	3,204	1,344	quotation
IN 2- 71	f) Chromium plated toilet paper holder	Nr	1	2,812	1,179	2,812	1,179	quotation
IN 2- 72	g) Chromium plated brass soap holder	Nr	1	1,125	471	1,125	471	quotation
IN 2- 73	h) Bevilled edge frameless mirror 400mmx600mm	Nr	1	2,812	1,179	2,812	1,179	quotation
IN 2- 74	i) Chromium plated towel rail 600mm long	Nr	1	1,687	707	1,687	707	quotation
IN 2- 75	j) 100mm dia. Brass ajustable shower Rose	Nr	1	1,687	707	1,687	707	quotation
IN 2- 76	Test and Commission Water Supply System	Item	Sum	10,125	4,247	10,125	4,247	quotation
(2) ELECTRICAL BUILDING FOR INTAKE								
<u>Excavation and Earth Work</u>								
IN 2- 77	Remove top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cartaway debris off site.	m ²	517	28	11	14,476	5,687	quotation
<u>Filling</u>								
IN 2- 78	Excavate from borrow pits, within or outside premises with selected fill material, transport and fill under floors in compacted layers not exceeding 150mm.	m ³	72	372	156	26,784	11,232	quotation
<u>Disposal of Water</u>								
IN 2- 79	Allow sum for disposal of surface water	Item	Sum	50,625	21,236	50,625	21,236	quotation
Total of page BOQ - 17 to IN 2 Bill Summary						117,867	49,049	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Termite Treatment</u>							
IN 2- 80	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	138,250	57,994	138,250	57,994	quotation
	<u>Piles</u>							
IN 2- 81	Bored Piles 450mm dia.	m	36	6,750	2,831	243,000	101,916	quotation
IN 2- 82	Bored Piles 600mm dia.	m	89	7,312	3,067	650,768	272,963	quotation
IN 2- 83	Load Testing 450mm dia.	Nr	1	281,250	117,982	281,250	117,982	quotation
IN 2- 84	Load Testing 600mm dia.	Nr	4	281,250	117,982	1,125,000	471,928	quotation
	<u>Concrete Works</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
IN 2- 85	a) Concrete filling on RCC slab above ground floor level.	m ³	82	5,152	2,161	422,464	177,202	quotation
	Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:							
IN 2- 87	a) Pile caps	m ³	31	6,093	2,555	188,883	79,205	quotation
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
IN 2- 88	a) Columns	m ³	8	6,282	2,635	50,256	21,080	quotation
IN 2- 89	b) Beams, slabs & lintols	m ³	95	6,356	2,666	603,820	253,270	quotation
Total of page BOQ - 18 to IN 2 Bill Summary						3,703,691	1,553,540	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 90	c) Portal frames and roof beams <u>Formwork</u> Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:	m ³	20	6,750	2,831	135,000	56,620	quotation
IN 2- 91	a) Pile caps Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:	m ²	50	562	235	28,100	11,750	quotation
IN 2- 92	a) Columns	m ²	108	506	212	54,648	22,896	quotation
IN 2- 93	b) Beams, slabs & lintols	m ²	200	506	212	101,200	42,400	quotation
IN 2- 94	c) Portal frames and roof beams <u>Reinforcement</u>	m ²	187	562	235	105,094	43,945	quotation
IN 2- 95	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	1,458	49	20	71,442	29,160	quotation
IN 2- 96	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed tor steel 460N/mm ² including binding wire, cover and spacer blocks complete <u>Miscellaneous</u> Forming undercounter vanity basin top of the sizes specified hereinunder as per detail drawing. Rate shall include for concrete, reinforcement, formwork and granite finish.	kg	18,812	50	20	940,600	376,240	quotation
Total of page BOQ - 19 to IN 2 Bill Summary						1,436,084	583,011	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 97	(a) Vanity counter of size 1275 x 725 mm	Nr	1	5,040	2,114	5,040	2,114	quotation
IN 2- 98	75 mm thick grade 25 concrete weather canopy as per detail drawing. Rate shall include for necessary formwork and reinforcement	m	14	2,812	1,179	39,368	16,506	quotation
	Construction of RCC Manhole as per detail drawing							
IN 2- 99	a) MH ₂ (2000mm x 2000mm)	Nr	1	168,750	70,789	168,750	70,789	quotation
IN 2- 100	b) MH ₃ (1500mm x 1500mm)	Nr	2	140,625	58,991	281,250	117,982	quotation
IN 2- 101	Construction of RCC power floated steps 500mm wide as per detail drawing. Rate shall include for R/F & form work etc.	m	22	1,687	707	37,114	15,554	quotation
	<u>Masonry Work</u>							
IN 2- 102	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	405	834	349	337,770	141,345	quotation
	<u>Water Proofing</u>							
IN 2- 103	Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm.	m ²	318	39	16	12,402	5,088	quotation
	<u>Structural Metal Work</u>							
	Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section.							
	Rate shall include for treating with two coats of anticorrosive paint where necessary.							
Total of page BOQ - 20 to IN 2 Bill Summary						881,694	369,378	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.</p> <p>Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.</p> <p>Fabricating and erecting framed structures.</p>							
IN 2- 104	Galvernized "C" channel purlin of size 125 x 50 x 6mm thick fixed to portal frame as per detail drawings.	m	412	686	287	282,632	118,244	quotation
IN 2- 105	Hoist rail as per detail drawing.	m	27	5,062	2,123	136,674	57,321	quotation
	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.</p> <p><u>A- Aluminium Doors</u></p>							
IN 2- 106	Door type D4 size 2500mm x 3500mm steel framed 20 guage colour bonded Aluminium sheet double sash door with aluminium louver above.	Nr	2	47,662	19,993	95,324	39,986	quotation
IN 2- 107	Door type RS 5 size 2500mm x 4000mm colour bonded Aluminium roller shutter door.	Nr	1	72,630	30,467	72,630	30,467	quotation
IN 2- 108	Door type D7 size 900mm x 2100mm powder coated Aluminium framed 5mm thick PVC coated plywood sheet (both side) with single sash door.	Nr	1	9,225	3,869	9,225	3,869	quotation
Total of page BOQ - 21 to IN 2 Bill Summary						596,485	249,887	

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BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 109	Door type D7 size 900mm x 2100mm fire door as per the specification.	Nr	2	34,317	14,395	68,634	28,790	quotation
IN 2- 110	Door type D9 size 800mm x 2100mm powder coated Aluminium framed with color bonded Aluminium sheet on both side. (single sash door)	Nr	1	9,150	3,838	9,150	3,838	quotation
	<u>B- Fixed Fan Lights</u>							
IN 2- 111	Fixed glass type FG6 size 5700mm x 750mm powder coated aluminium framed 5mm thick clear float glass 5 sash fixed panel.	Nr	5	18,111	7,597	90,555	37,985	quotation
	<u>C- Fan Lights</u>							
IN 2- 112	Fan light type F1 size 600mm x 1200mm powder coated aluminium framed, top hung glazed fan light with 5mm thick clear float glass.	Nr	14	3,049	1,279	42,686	17,906	quotation
	<u>D- Partition</u>							
IN 2- 113	Partiton type P17 size 5735mm x 5250mm aluminium framed partition with 5mm thick PVC coated plywood sheet and 5mm thick clear float glass.	Nr	1	84,556	35,470	84,556	35,470	quotation
IN 2- 114	Partiton type P18 size 5735mm x 5250mm aluminium framed partition with 5mm thick both side PVC coated plywood sheet and 5mm thick clear float glass and with a door (2500mm wide door)	Nr	1	109,976	46,134	109,976	46,134	quotation
	<u>Plain Openings</u>							
IN 2- 115	Forming plain opening size 1800mm x 1800mm for cables.	Nr	2	2,250	943	4,500	1,886	quotation
IN 2- 116	Forming plain opening size 2000mm x 2000mm for cables.	Nr	2	2,812	1,179	5,624	2,358	quotation
IN 2- 117	Forming plain opening size 692mm x 692mm for cables.	Nr	3	843	353	2,529	1,059	quotation
Total of page BOQ - 22 to IN 2 Bill Summary						418,210	175,426	

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BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Wall/Floor/ Ceiling Finishes</u>							
IN 2- 118	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	239	483	202	115,437	48,278	quotation
IN 2- 119	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mm x 300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticecrete grout to match the colour of the tiles.	m ²	88	3,442	1,443	302,896	126,984	quotation
IN 2- 120	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mmx200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticecrete grout to match the colour of the tiles.	m ²	4	3,110	1,304	12,440	5,216	quotation
IN 2- 121	Furnish and fix glazed ceramic wall tiles to height of 1500mm of size 200mm x 200mm over a 16mm thick bed of cement and sand 1:3 and fill in joints with grout of matching colour (to height of 1500 above FFL)	m ²	9	1,210	507	10,890	4,563	quotation
IN 2- 122	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished smooth with neat cement float & applied with two coats of epoxy paint.	m ²	87	387	162	33,669	14,094	quotation
IN 2- 123	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat as depicted in Specification.	m ²	377	508	213	191,516	80,301	quotation
IN 2- 124	Plaster sides and soffits of slabs, beams, stairways and portal frames with 5mm thick skim coat after grooving and levelling any visible joints as depicted in Specification.	m ²	198	362	151	71,676	29,898	quotation
IN 2- 125	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough	m ²	342	205	85	70,110	29,070	quotation
Total of page BOQ - 23 to IN 2 Bill Summary						808,634	338,404	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 126	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement	m ²	46	302	126	13,862	5,783	quotation
IN 2- 127	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	44	369	154	16,236	6,776	quotation
IN 2- 128	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	82	1,149	481	94,218	39,442	quotation
IN 2- 129	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and steel purlins as per detail drawing	m ²	96	1,089	456	104,544	43,776	quotation
IN 2- 130	Forming 16mm thick "V" groove as per detail drawing.	m	49	28	11	1,372	539	quotation
IN 2- 131	Forming 150mm wide 20mm thick plaster band as per detail drawing.	m	54	645	270	34,830	14,580	quotation
	Painting							
IN 2- 132	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	576	180	75	103,680	43,200	quotation
IN 2- 133	Prepare underside of asbestos free fibre cement sheet flat ceiling painted with two coats of emulsion paint an approved make and colour	m ²	82	191	80	15,662	6,560	quotation
IN 2- 134	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour.	m ²	342	204	85	69,768	29,070	quotation
IN 2- 135	Prepare underside of asbestos free fibre cement board sloping ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour.	m ²	96	204	85	19,584	8,160	quotation
Total of page BOQ - 24 to IN 2 Bill Summary						473,756	197,886	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p><u>Water Drainage</u></p> <p>Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.</p> <p><u>A - Waste Water Disposal System</u></p> <p>Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed separately in the bill of quantities.</p>							
IN 2- 136	a) Nominal 50mm dia. pipes	m	6	309	129	1,854	774	quotation
IN 2- 137	b) Nominal 40mm dia.pipes	m	4	281	117	1,124	468	quotation
	<p>Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order.</p>							
IN 2- 138	a) 90mm x 50mm swept junction	Nr	2	675	283	1,350	566	quotation
IN 2- 139	b) 90mm x 75mm reducing socket	Nr	1	843	353	843	353	quotation
	<p>Furnish and install pipe ancillaries and connect to perfect working order</p>							
IN 2- 140	100mm x 50mm PVC trapped floor gully 50mm sealed depth as per detail drawing	Nr	1	1,125	471	1,125	471	quotation
	<p><u>B - Sewerage Disposal System</u></p> <p>Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of Quantities.</p>							
Total of page BOQ - 25 to IN 2 Bill Summary						6,296	2,632	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 141	a) Nominal 110mm dia. pipes Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.	m	5	1,237	518	6,185	2,590	quotation
IN 2- 142	a) 150mm dia. Plain Y Junction	Nr	1	1,575	660	1,575	660	quotation
IN 2- 143	b) 110mm dia. Plain Y Junction	Nr	1	1,350	566	1,350	566	quotation
IN 2- 144	c) 110mm dia. short bend 87.5°	Nr	1	562	235	562	235	quotation
IN 2- 145	d) 110mm dia. Plain Y junction with back door	Nr	1	1,687	707	1,687	707	quotation
IN 2- 146	e) 150mm dia. 90 deg. Long radius inspection bend	Nr	1	1,687	707	1,687	707	quotation
IN 2- 147	f) 150mm x 110mm reducing socket	Nr	1	1,125	471	1,125	471	quotation
IN 2- 148	g) 150mm x 90mm reducing socket	Nr	1	1,125	471	1,125	471	quotation
IN 2- 149	h) 90mm dia. short bend 87.5°	Nr	1	1,068	448	1,068	448	quotation
IN 2- 150	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing	Nr	1	8,437	3,539	8,437	3,539	quotation
IN 2- 151	Construct reinforced concrete septic tank for 10 persons as per standard detail drawing	Nr	1	67,500	28,315	67,500	28,315	quotation
IN 2- 152	Construct soakage pit for 10 persons as per standard detail drawing	Nr	1	28,125	11,798	28,125	11,798	quotation
IN 2- 153	Test and commission waste water and Sewerage Disposal System	Item	Sum	25,312	10,618	25,312	10,618	quotation
Total of page BOQ - 26 to IN 2 Bill Summary						145,738	61,125	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Roof Covering</u>							
IN 2- 154	Furnish and lay colour bonded corrugated Zinc Aluminium sheet roof cover pitch 20 and 45 degrees, fixed to steel framework inclusive of matching bolts, limpets, nuts, sealing washers etc. as per detail drawing.	m ²	508	1,089	456	553,212	231,648	quotation
IN 2- 155	Furnish and fix colour bonded Zn/Alridge/hip cover.	m	47	1,237	518	58,139	24,346	quotation
IN 2- 156	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	508	241	101	122,428	51,308	quotation
	<u>Roof Plumbing</u>							
IN 2- 157	Furnish and install 100mm x 100mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	87	3,937	1,651	342,519	143,637	quotation
IN 2- 158	Furnish and install Zn/Aluminium gutter girth 470mm complete with brackets, end caps, running heads and fixing clips etc.	m	43	2,812	1,179	120,916	50,697	quotation
	(3) INTAKE PUMP STATION (SUBSTRUCTURE)							
	<u>Excavation and Earth Work</u>							
IN 2- 159	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm.	Item	Sum	50,625	21,236	50,625	21,236	quotation
Total of page BOQ - 27 to IN 2 Bill Summary						1,247,839	522,872	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 160	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	5,954	257	107	1,530,178	637,078	quotation
IN 2- 161	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits depth exceeding 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	13,742	376	157	5,166,992	2,157,494	quotation
IN 2- 162	Excavation in rock including disposal of excavated material (Provisional)	m ³	180	2,387	1,001	429,660	180,180	quotation
IN 2- 163	Planking and strutting to sides of pits depth exceeding 3.0m commencing at existing ground level.	m ²	2,446	843	353	2,061,978	863,438	quotation
	<u>Disposal of Water</u>							
IN 2- 164	Allow for dewatering of pit	Item	Sum	101,250	42,473	101,250	42,473	quotation
	<u>Concrete Works</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
IN 2- 165	a) Screed of base slab	m ³	141	5,152	2,161	726,432	304,701	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
IN 2- 166	a) Base slab	m ³	1,859	6,637	2,784	12,338,183	5,175,456	quotation
IN 2- 167	b) Walls	m ³	2,340	6,750	2,831	15,795,000	6,624,540	quotation
IN 2- 168	c) Top slab & beams	m ³	331	6,750	2,831	2,234,250	937,061	quotation
Total of page BOQ - 28 to IN 2 Bill Summary						40,383,923	16,922,421	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 169	d) Stair case Formwork Furnish, fabricate, erect and strike formwork to concrete	m ³	14	6,750	2,831	94,500	39,634	quotation
IN 2- 170	a) Sides and soffits of slabs & beams	m ²	1,117	421	176	470,257	196,592	quotation
IN 2- 171	b) Sides of walls	m ²	5,179	450	188	2,330,550	973,652	quotation
IN 2- 172	c) Sides and soffits of staircase Reinforcement	m ²	116	450	188	52,200	21,808	quotation
IN 2- 173	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete . Miscellaneous Refer standard detail drawings for the following Items Supply & fix stainless steel ladder	ton	687	50,625	21,236	34,779,375	14,589,132	quotation
IN 2- 174	a) 7000m long	Nr	2	51,660	21,670	103,320	43,340	quotation
IN 2- 175	b) 2000m long	Nr	4	14,760	6,191	59,040	24,764	quotation
IN 2- 176	c) 2600m long	Nr	4	19,188	8,049	76,752	32,196	quotation
IN 2- 177	Supply & fix Bar screen.	Nr	2	73,012	30,627	146,024	61,254	quotation
IN 2- 178	Circular manholes	Nr	4	16,875	7,078	67,500	28,312	quotation
Total of page BOQ - 29 to IN 2 Bill Summary						38,179,518	16,010,684	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 179	Supply & fix 1600x1600mm Gate	Nr	4	16,992	7,128	67,968	28,512	quotation
IN 2- 180	Stop log including chanales	Nr	2	28,125	11,798	56,250	23,596	quotation
IN 2- 181	Handrail st/steel	m	180	6,642	2,786	1,195,560	501,480	quotation
IN 2- 182	Allow for all vents and necessary connections etc.	Item	Sum	202,500	84,947	202,500	84,947	quotation
IN 2- 183	Supply & fix PVC water bar	m	390	1,687	707	657,930	275,730	quotation
IN 2- 184	Testing and Commissioning	Item	Sum	101,250	42,473	101,250	42,473	quotation
	(SUPER STRUCTURE)							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:							
IN 2- 185	a) Ground floor slab & beams	m ³	51	6,093	2,555	310,743	130,305	quotation
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
IN 2- 186	a) Walls and columns / stairways	m ³	9	6,282	2,635	56,538	23,715	quotation
IN 2- 187	b) Beams, slabs & lintols	m ³	2	6,356	2,666	12,712	5,332	quotation
IN 2- 188	c) Portal frames and roof beams	m ³	17	6,750	2,831	114,750	48,127	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
Total of page BOQ - 30 to IN 2 Bill Summary						2,776,201	1,164,217	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 189	a) Ground floor slab & beams Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:	m ²	207	450	188	93,150	38,916	quotation
IN 2- 190	a) Walls and Columns	m ²	93	506	212	47,058	19,716	quotation
IN 2- 191	b) Beams, slabs, Lintols & Stairways	m ²	25	506	212	12,650	5,300	quotation
IN 2- 192	c) Portal frames & roof beams	m ²	178	562	235	100,036	41,830	quotation
	<u>Reinforcement</u>							
IN 2- 193	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	590	49	20	28,910	11,800	quotation
IN 2- 194	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed tor steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	16,785	51	21	856,035	352,485	quotation
	<u>Manhole/Steps</u>							
IN 2- 195	Construction of RCC manhole type MH ₁ size 1500mm x 2000mm (Internally) as per detail drawing	Nr	1	84,375	35,394	84,375	35,394	quotation
IN 2- 196	Construction of RCC steps 6000mm long 300mm wide as per detail drawing	Nr	2	2,812	1,179	5,624	2,358	quotation
	<u>Masonry Work</u>							
IN 2- 197	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	193	834	349	160,962	67,357	quotation
Total of page BOQ - 31 to IN 2 Bill Summary						1,388,800	575,156	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks	
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen		
IN 2- 198	<u>Water Proofing</u> Furnish, prepare and apply water proofing to the surface area to be water proofed in walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	3,609	956	401	3,450,204	1,447,209	quotation	
IN 2- 199	<u>Painting</u> Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	612	180	75	110,160	45,900	quotation	
IN 2- 200	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour.	m ²	236	191	80	45,076	18,880	quotation	
IN 2- 201	Prepare underside of asbestos free fibre cement board ceiling at eaves, painted with two coats of weathershield emulsion paint of an approved make and colour.	m ²	67	204	85	13,668	5,695	quotation	
	<u>Metal Work</u> Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified. <u>A- Aluminium Doors</u>								
Total of page BOQ - 32 to IN 2 Bill Summary							3,619,108	1,517,684	

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BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 202	Door type RS1 size 2500mm x 2800mm powder coated aluminium framed 20 guage colour bonded Aluminium manual operated Roller shutter door.	Nr	1	50,841	21,327	50,841	21,327	quotation
IN 2- 203	Door type D2 size 1200mm x 2800mm powder coated aluminium framed 20 gauge colour bonded aluminium sheet with 5mm plywood backing and 5mm thick clear float glass single sash door with 5mm thick clear float glass above.	Nr	2	22,369	9,383	44,738	18,766	quotation
	<u>B- Aluminium Windows</u>							
IN 2- 204	Window type W1 size 3075mm x 1700mm powder coated alluminium framed 5mm thick clear float glass three sash top hung windows with alluminium louvers and 5mm thick clear float fixed glass above.	Nr	8	27,336	11,467	218,688	91,736	quotation
IN 2- 205	Window type W6 size 2025mm x 1700mm powder coated alluminium framed 5mm thick clear float glass two sash top hung windows with alluminium louvers and 5mm thick clear float fixed glass above.	Nr	1	18,139	7,609	18,139	7,609	quotation
	<u>Plain Opening</u>							
IN 2- 206	Forming plain opening type OP4 size 692mm x 692mm	Nr	7	843	353	5,901	2,471	quotation
	<u>Roof Covering</u>							
IN 2- 207	Furnish and lay colour bonded corrugated Zinc Alminium sheet roof cover pitch 20 and 45 degrees, fixed to steel framework inclusive of matching bolts, limpets, nuts, sealing washers etc. as per detail drawing.	m ²	370	1,089	456	402,930	168,720	quotation
IN 2- 208	Furnish and fix colour bonded Zn/Alridge ridge/hip cover.	m	45	1,237	518	55,665	23,310	quotation
IN 2- 209	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	370	241	101	89,170	37,370	quotation
Total of page BOQ - 33 to IN 2 Bill Summary						886,072	371,309	

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BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Roof Plumbing</u>							
IN 2- 210	Furnish and install 100mm x 100mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	76	3,937	1,651	299,212	125,476	quotation
IN 2- 211	Furnish and install Zn/Aluminium gutter girth 470mm as per detail drawing, complete with brackets, end caps, running heads and fixing clips etc.	m	63	2,812	1,179	177,156	74,277	quotation
	<u>Wall/Floor/ Ceiling Finishes</u>							
IN 2- 212	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	154	483	202	74,382	31,108	quotation
IN 2- 213	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat as depicted in Specification.	m ²	243	508	213	123,444	51,759	quotation
IN 2- 214	Plaster sides and soffits of slabs, beams, stairways and portal frames with 5mm thick skim coat after grooving and levelling any visible joints as depicted in Specification.	m ²	369	362	151	133,578	55,719	quotation
IN 2- 215	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough	m ²	236	205	85	48,380	20,060	quotation
IN 2- 216	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement	m ²	27	302	126	8,154	3,402	quotation
Total of page BOQ - 34 to IN 2 Bill Summary						864,306	361,801	

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BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 217	20mm x 100mm 1:5 cement sand skirting finished with neat cement float and two coats of epoxy paint colour as directed.	m	57	331	138	18,867	7,866	quotation
IN 2- 218	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and steel purlins as per detail drawing <u>Structural Metal Work</u> Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section. Rate shall include for treating with two coats of anticorrosive paint where necessary. Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing. Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc. Fabricating and erecting framed structures.	m ²	64	1,089	456	69,696	29,184	quotation
IN 2- 219	Galvernized "C" channel purlin of size 125 x 50 x 6mm thick fixed to portal frame as per detail drawings.	m	248	1,068	448	264,864	111,104	quotation
IN 2- 220	Hoist rail as per detail drawing.	m	16	5,062	2,123	80,992	33,968	quotation
Total of page BOQ - 35 to IN 2 Bill Summary						434,419	182,122	

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BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
(4) BALANCING TANK								
<u>Excavation and Earth Work</u>								
IN 2- 221	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
IN 2- 222	Removing top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cartaway debris off site.	m ²	230	28	11	6,440	2,530	quotation
IN 2- 223	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 2.0m return spoil for refill compacted in layers not exceeding 150mm	m ³	805	257	107	206,885	86,135	quotation
IN 2- 224	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	211	450	188	94,950	39,668	quotation
<u>Disposal of Water</u>								
IN 2- 225	Allow sum for disposal of surface water	Item	Sum	50,625	21,236	50,625	21,236	quotation
<u>Termite Treatment</u>								
IN 2- 226	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	138,250	57,994	138,250	57,994	quotation
<u>Concrete Works</u>								
Total of page BOQ - 36 to IN 2 Bill Summary						522,462	218,181	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 227	Furnish, place, compact and cure cement concrete grade 15 laid within forms in: a) 50mm thick screed	m ²	126	257	107	32,382	13,482	quotation
IN 2- 228	Furnish, place, compact and cure cement concrete grade 35 in: a) Slabs	m ³	65	6,750	2,831	438,750	184,015	quotation
IN 2- 229	b) Walls	m ³	135	6,750	2,831	911,250	382,185	quotation
IN 2- 230	c) Stair case	m ³	2	6,750	2,831	13,500	5,662	quotation
	<u>Formwork</u> Furnish, fabricate, erect and strike formwork to concrete							
IN 2- 231	a) Sides and soffits of slabs & beams	m ²	48	562	235	26,976	11,280	quotation
IN 2- 232	b) Walls	m ²	570	562	235	320,340	133,950	quotation
IN 2- 233	c) Stair case	m ²	10	562	235	5,620	2,350	quotation
	<u>Reinforcement</u>							
Total of page BOQ - 37 to IN 2 Bill Summary						1,748,818	732,924	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 2- 234	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed tor steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	58	50,625	21,236	2,936,250	1,231,688	quotation
	<u>Water Proofing</u>							
IN 2- 235	Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm.	m ²	1	39	16	39	16	quotation
	<u>Miscellaneous</u>							
	Refer standard detail drawings for the following Items							
IN 2- 236	Supply & fix vent and necessary connection.	Item	Sum	25,312	10,618	25,312	10,618	quotation
IN 2- 237	Chain link fence as per detail drawing	m	63	1,660	696	104,580	43,848	quotation
IN 2- 238	Supply & fix double gate as per detail drawing	Nr	1	39,375	16,517	39,375	16,517	quotation
IN 2- 239	Construction of catch pit as per detail drawing	Nr	1	5,625	2,359	5,625	2,359	quotation
IN 2- 240	Construction of storm water drain.	m	45	1,687	707	75,915	31,815	quotation
IN 2- 241	Allow for PVC type 600, 150mm dia. Pipe	m	36	731	306	26,316	11,016	quotation
IN 2- 242	Supply & fix PVC water bar	m	111	1,687	707	187,257	78,477	quotation
IN 2- 243	Testing and Commissioning	Item	Sum	35,437	14,865	35,437	14,865	quotation
Total of page BOQ - 38 to IN 2 Bill Summary						3,436,106	1,441,219	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 2: Construction of Intake/Raw Water Pump Station and Balancing Tank

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	(5) ARCHTECTUAL ARRANGEMENT							
	Supply of archtectual equipment for building as depicted in specification and drawings.							
IN 2- 244	Supply ventilation systems complete	Item	Sum	337,500	141,578	337,500	141,578	quotation
IN 2- 245	Supply all small power complete	Item	Sum	112,500	47,192	112,500	47,192	quotation
IN 2- 246	Supply all Lighting complete	Item	Sum	326,250	136,859	326,250	136,859	quotation
IN 2- 247	Supply all Telephone complete	Item	Sum	22,500	9,438	22,500	9,438	quotation
IN 2- 248	Supply all Yard Lighting complete	Item	Sum	1,800,000	755,085	1,800,000	755,085	quotation
IN 2- 249	Supply all Lightning Protection complete	Item	Sum	112,500	47,192	112,500	47,192	quotation
	Installation of archtectual equipment as depicted in drawings.							
IN 2- 250	Install ventilation systems complete	Item	Sum	78,750	33,034	78,750	33,034	quotation
IN 2- 251	Install all small power complete	Item	Sum	45,000	18,877	45,000	18,877	quotation
IN 2- 252	Install all Lighting complete	Item	Sum	56,250	23,596	56,250	23,596	quotation
IN 2- 253	Install all Telephone complete	Item	Sum	56,250	23,596	56,250	23,596	quotation
IN 2- 254	Install all Yard Lighting complete	Item	Sum	337,500	141,578	337,500	141,578	quotation
IN 2- 255	Install all Lightning Protection complete	Item	Sum	56,250	23,596	56,250	23,596	quotation
Total of page BOQ - 39 to IN 2 Bill Summary						3,341,250	1,401,621	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 3: Supply of Pumps/Fittings, Equipment

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	This Bill rate should include for the supply of the equipment as depicted in relevant drawings, as specified in technical specification and as per site conditions. <u>Mechanical Equipment</u>									
IN 3 - 1	Supply coarse screen complete	Nr	2	430,669	2,219,010	344,363	861,338	4,438,020	688,726	quotation
IN 3 - 2	Supply screening hoist and rails complete	Nr	1	182,893	942,353	146,241	182,893	942,353	146,241	quotation
IN 3 - 3	Supply inflow gate complete	Nr	2	1,761,231	9,074,685	1,408,279	3,522,462	18,149,370	2,816,558	quotation
IN 3 - 4	Supply fine screen complete	Nr	2	4,400,733	22,674,629	3,518,823	8,801,466	45,349,258	7,037,646	quotation
IN 3 - 5	Supply wash pump and motor complete	Nr	2	129,765	668,610	103,760	259,530	1,337,220	207,520	quotation
IN 3 - 6	Supply outflow gate complete	Nr	1	1,761,231	9,074,685	1,408,279	1,761,231	9,074,685	1,408,279	quotation
IN 3 - 7	Supply raw water pump and motor complete	Nr	2	4,168,624	21,478,693	3,333,229	8,337,248	42,957,386	6,666,458	quotation
IN 3 - 8	Supply motorized discharge valve complete	Nr	2	1,068,680	5,506,343	854,516	2,137,360	11,012,686	1,709,032	quotation
IN 3 - 9	Supply sump drainage pump complete	Nr	2	22,724	117,088	18,170	45,448	234,176	36,340	quotation
IN 3 - 10	Supply overhead hoist and rails complete	Nr	1	617,010	3,179,128	493,361	617,010	3,179,128	493,361	quotation
IN 3 - 11	Supply all pipework, valves and fittings complete	Item	1	3,515,880	18,115,455	2,811,295	3,515,880	18,115,455	2,811,295	quotation
IN 3 - 12	Supply all gates and fittings complete	Item	1	2,318,844	11,947,770	1,854,146	2,318,844	11,947,770	1,854,146	quotation
IN 3 - 13	Supply all supporting steelwork for equipment complete	Item	1	880,928	4,538,958	704,390	880,928	4,538,958	704,390	quotation
Total of page BOQ - 40 to IN 3 Bill Summary							33,241,638	171,276,465	26,579,992	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 3: Supply of Pumps/Fittings, Equipment

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
IN 3 - 14	Supply all spare parts complete	Item	1	106,413	548,293	85,088	106,413	548,293	85,088	quotation
IN 3 - 15	Supply all maintenance equipment and tools complete	Item	1	53,284	274,550	42,606	53,284	274,550	42,606	quotation
IN 3 - 16	Supply all other items necessary to make intake and raw water pump station equipment complete <u>Electric Equipment</u>	Item	1	371,898	1,916,198	297,370	371,898	1,916,198	297,370	quotation
IN 3 - 17	Supply LV Receiving Panel complete	Nr	1	708,378	3,649,900	566,419	708,378	3,649,900	566,419	quotation
IN 3 - 18	Supply Generator Connection Panel complete	Nr	1	678,288	3,494,860	542,359	678,288	3,494,860	542,359	quotation
IN 3 - 19	Supply No.1 LV Feeder Pane complete	Nr	1	1,039,217	5,354,533	830,957	1,039,217	5,354,533	830,957	quotation
IN 3 - 20	Supply DC Power Source Equipment complete	Nr	1	727,342	3,747,608	581,582	727,342	3,747,608	581,582	quotation
IN 3 - 21	Supply UPS complete	Nr	1	900,206	4,638,280	719,804	900,206	4,638,280	719,804	quotation
IN 3 - 22	Supply generator set and all ancillary equipment complete	Item	1	4,014,103	20,682,533	3,209,674	4,014,103	20,682,533	3,209,674	quotation
IN 3 - 23	Supply Raw Water Pump VVVF Panel complete	Nr	1	2,147,862	11,066,788	1,717,429	2,147,862	11,066,788	1,717,429	quotation
IN 3 - 24	Supply Raw Water Pump Panel complete	Nr	2	1,498,723	7,722,123	1,198,378	2,997,446	15,444,246	2,396,756	quotation
IN 3 - 25	Supply Intake MCC comlte	Nr	1	947,692	4,882,953	757,774	947,692	4,882,953	757,774	quotation
IN 3 - 26	Supply Intake Auxiliary Relay Panel complete	Nr	1	371,428	1,913,775	296,994	371,428	1,913,775	296,994	quotation
IN 3 - 27	Supply Fine Screen Local Operation Panel complete	Nr	1	81,816	421,558	65,420	81,816	421,558	65,420	quotation
Total of page BOQ - 41 to IN 3 Bill Summary							15,145,373	78,036,075	12,110,232	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 3: Supply of Pumps/Fittings, Equipment

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
IN 3 - 28	Supply Screen Wash Pump Local Operation Panel complete	Nr	1	90,581	466,719	72,429	90,581	466,719	72,429	quotation
IN 3 - 29	Supply Raw Water Pump Local Operation Panel complete	Nr	2	30,712	158,248	24,558	61,424	316,496	49,116	quotation
IN 3 - 30	Supply Sump Drainage Pump Local Operation Panel complete	Nr	1	81,019	417,453	64,783	81,019	417,453	64,783	quotation
IN 3 - 31	Supply Intake PLC complete (Including in TP17 - 178)	Nr	1	-	-	-	-	-	-	-
IN 3 - 32	Supply Raw Water Intake Flow complete	Nr	1	1,345,920	6,934,810	1,076,197	1,345,920	6,934,810	1,076,197	quotation
IN 3 - 33	Supply Raw Water Wet Well Level complete	Nr	1	147,160	758,243	117,669	147,160	758,243	117,669	quotation
IN 3 - 34	Supply Screen Pit Level Switch complete	Nr	2	9,246	47,643	7,393	18,492	95,286	14,786	quotation
IN 3 - 35	Supply Sump Drainage Level Switch complete	Nr	1	9,716	50,065	7,769	9,716	50,065	7,769	quotation
IN 3 - 36	Supply Instrumentation Panel for Intake complete	Nr	1	343,218	1,768,425	274,437	343,218	1,768,425	274,437	quotation
IN 3 - 37	Supply grounding system complete	Item	1	147,787	761,473	118,171	147,787	761,473	118,171	quotation
IN 3 - 38	Supply all cable, tray, pipe and other materials complete	Item	1	2,671,937	13,767,068	2,136,479	2,671,937	13,767,068	2,136,479	quotation
IN 3 - 39	Supply all spare parts complete	Item	1	25,701	132,430	20,551	25,701	132,430	20,551	quotation
IN 3 - 40	Supply all maintenance equipment and tools complete	Item	1	38,396	197,838	30,702	38,396	197,838	30,702	quotation
IN 3 - 41	Supply all other items necessary to make intake and raw water pump station equipment complete	Item	1	641,145	3,303,483	512,659	641,145	3,303,483	512,659	quotation
IN 3 - 42	Supply all CEB Connection complete	Item	1	384,750	1,982,413	307,646	384,750	1,982,413	307,646	quotation
Total of page BOQ - 42 to IN 3 Bill Summary							6,007,246	30,952,202	4,803,394	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 4: Installation of Pumps/Fittings, Equipment

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	This Bill rate should include for the complete installation of the equipment as depicted in relevant drawings, as specified in technical specification and as per site conditions.							
	<u>Mechanical Equipment</u>							
IN 4 - 1	Install coarse screen complete	Nr	2	284,076	256,276	568,152	512,552	quotation
IN 4 - 2	Install screening hoist and rails complete	Nr	1	369,723	333,541	369,723	333,541	quotation
IN 4 - 3	Install inflow gate complete	Nr	2	1,236,369	1,115,371	2,472,738	2,230,742	quotation
IN 4 - 4	Install fine screen complete	Nr	2	7,282,537	6,569,821	14,565,074	13,139,642	quotation
IN 4 - 5	Install wash pump and motor complete	Nr	2	105,574	95,244	211,148	190,488	quotation
IN 4 - 6	Install outflow gate complete	Nr	1	1,234,673	1,113,841	1,234,673	1,113,841	quotation
IN 4 - 7	Install raw water pump and motor complete	Nr	2	5,766,331	5,202,001	11,532,662	10,404,002	quotation
IN 4 - 8	Install motorized discharge valve complete	Nr	2	1,478,894	1,334,161	2,957,788	2,668,322	quotation
IN 4 - 9	Install sump drainage pump complete	Nr	2	26,923	24,289	53,846	48,578	quotation
IN 4 - 10	Install overhead hoist and rails complete	Nr	1	700,015	631,508	700,015	631,508	quotation
IN 4 - 11	Install all pipework, valves and fittings complete	Item	1	2,618,168	2,361,939	2,618,168	2,361,939	quotation
Total of page BOQ - 43 to IN 4 Bill Summary						37,283,987	33,635,155	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 4: Installation of Pumps/Fittings, Equipment

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 4 - 12	Install all gates and fittings complete	Item	1	3,438,175	3,101,693	3,438,175	3,101,693	quotation
IN 4 - 13	Install all supporting steelwork for equipment complete	Item	1	269,236	242,888	269,236	242,888	quotation
IN 4 - 14	All other work necessary to make intake and raw water pump station equipment complete	Item	1	488,866	441,023	488,866	441,023	quotation
	<u>Electric Equipment</u>							
IN 4 - 15	Install LV Receiving Panel complete	Nr	1	383,291	345,781	383,291	345,781	quotation
IN 4 - 16	Install Generator Connection Panel complete	Nr	1	367,179	331,246	367,179	331,246	quotation
IN 4 - 17	Install No.1 LV Feeder Pane complete	Nr	1	562,217	507,195	562,217	507,195	quotation
IN 4 - 18	Install DC Power Source Equipment complete	Nr	1	393,467	354,961	393,467	354,961	quotation
IN 4 - 19	Install UPS complete	Nr	1	487,170	439,493	487,170	439,493	quotation
IN 4 - 20	Install generator set and all ancillary equipment complete	Item	1	1,628,954	1,469,536	1,628,954	1,469,536	quotation
IN 4 - 21	Install Raw Water Pump VVVF Panel complete	Nr	1	1,162,170	1,048,433	1,162,170	1,048,433	quotation
IN 4 - 22	Install Raw Water Pump Panel complete	Nr	2	810,678	731,341	1,621,356	1,462,682	quotation
IN 4 - 23	Install Intake MCC comlte	Nr	1	512,609	462,444	512,609	462,444	quotation
IN 4 - 24	Install Intake Auxiliary Relay Panel complete	Nr	1	200,973	181,306	200,973	181,306	quotation
IN 4 - 25	Install Fine Screen Local Operation Panel complete	Nr	1	44,095	39,781	44,095	39,781	quotation
Total of page BOQ - 44 to IN 4 Bill Summary						11,559,758	10,428,462	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.IN 4: Installation of Pumps/Fittings, Equipment

INTAKE/RWPS/BT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
IN 4 - 26	Install Screen Wash Pump Local Operation Panel complete	Nr	1	49,183	44,371	49,183	44,371	quotation
IN 4 - 27	Install Raw Water Pump Local Operation Panel complete	Nr	2	16,747	15,109	33,494	30,218	quotation
IN 4 - 28	Install Sump Drainage Pump Local Operation Panel complete	Nr	1	43,671	39,398	43,671	39,398	quotation
IN 4 - 29	Install Intake PLC complete (Including in TP18-156)	Nr	1	-	-	-	-	
IN 4 - 30	Install Raw Water Intake Flow complete	Nr	1	728,423	657,135	728,423	657,135	quotation
IN 4 - 31	Install Raw Water Wet Well Level complete	Nr	1	79,711	71,911	79,711	71,911	quotation
IN 4 - 32	Install Screen Pit Level Switch complete	Nr	2	5,087	4,592	10,174	9,184	quotation
IN 4 - 33	Install Sump Drainage Level Switch complete	Nr	1	5,087	4,592	5,087	4,592	quotation
IN 4 - 34	Install Instrumentation Panel for Intake complete	Nr	1	185,709	167,536	185,709	167,536	quotation
IN 4 - 35	Install grounding system complete	Item	1	119,990	108,248	119,990	108,248	quotation
IN 4 - 36	Install all cable, tray, pipe and other materials complete	Item	1	4,337,044	3,912,594	4,337,044	3,912,594	quotation
IN 4 - 37	All other work necessary to make intake and raw water pump station equipment complete	Item	1	346,827	312,886	346,827	312,886	quotation
IN 4 - 38	Install all CEB Connection and Fee	Item	1	1,971,181	187,808	1,971,181	187,808	quotation
Total of page BOQ - 45 to IN 4 Bill Summary						7,910,494	5,545,881	

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.IN 1 - SUM

Site Work

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
IN 1	Page BOQ - 6 of Bill IN 1	10,880,245	4,559,527
	Page BOQ - 7 of Bill IN 1	972,936	408,070
IN 1-SUM	Total of IN 1 to Bill Summary	11,853,181	4,967,597

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.IN 2 - SUM

Construction of Intake/Raw Water Pump Station and Balancing Tank

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
IN 2	Page BOQ 8 of Bill IN 2	66,242	27,686
	Page BOQ - 9 of Bill IN 2	96,364	40,387
	Page BOQ - 10 of Bill IN 2	110,928	46,224
	Page BOQ - 11 of Bill IN 2	43,163	17,994
	Page BOQ - 12 of Bill IN 2	14,788	6,192
	Page BOQ - 13 of Bill IN 2	304,130	127,492
	Page BOQ - 14 of Bill IN 2	175,821	73,731
	Page BOQ - 15 of Bill IN 2	289,132	121,097
	Page BOQ - 16 of Bill IN 2	44,122	18,504
	Page BOQ - 17 of Bill IN 2	117,867	49,049
	Page BOQ - 18 of Bill IN 2	3,703,691	1,553,540
	Page BOQ - 19 of Bill IN 2	1,436,084	583,011
	Page BOQ - 20 of Bill IN 2	881,694	369,378
	Page BOQ - 21 of Bill IN 2	596,485	249,887
	Carried Forward	7,880,511	3,284,172

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.IN 2 - SUM

Construction of Intake/Raw Water Pump Station and Balancing Tank

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	7,880,511	3,284,172
IN 2	Page BOQ - 22 of Bill IN 2	418,210	175,426
	Page BOQ - 23 of Bill IN 2	808,634	338,404
	Page BOQ - 24 of Bill IN 2	473,756	197,886
	Page BOQ - 25 of Bill IN 2	6,296	2,632
	Page BOQ - 26 of Bill IN 2	145,738	61,125
	Page BOQ - 27 of Bill IN 2	1,247,839	522,872
	Page BOQ - 28 of Bill IN 2	40,383,923	16,922,421
	Page BOQ - 29 of Bill IN 2	38,179,518	16,010,684
	Page BOQ - 30 of Bill IN 2	2,776,201	1,164,217
	Page BOQ - 31 of Bill IN 2	1,388,800	575,156
	Page BOQ - 32 of Bill IN 2	3,619,108	1,517,684
	Page BOQ - 33 of Bill IN 2	886,072	371,309
	Page BOQ - 34 of Bill IN 2	864,306	361,801
	Page BOQ - 35 of Bill IN 2	434,419	182,122
	Carried Forward	99,513,331	41,687,911

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.IN 2 - SUM

Construction of Intake/Raw Water Pump Station and Balancing Tank

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	99,513,331	41,687,911
IN 2	Page BOQ - 36 of Bill IN 2	522,462	218,181
	Page BOQ - 37 of Bill IN 2	1,748,818	732,924
	Page BOQ - 38 of Bill IN 2	3,436,106	1,441,219
	Page BOQ - 39 of Bill IN 2	3,341,250	1,401,621
IN 2-SUM	Total of IN 2 to Bill Summary	108,561,967	45,481,856

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.IN 4 - SUM

Installation of Pumps/Fittings, Equipment

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
IN 4	Page BOQ - 43 of Bill IN 4	37,283,987	33,635,155
	Page BOQ - 44 of Bill IN 4	11,559,758	10,428,462
	Page BOQ - 45 of Bill IN 4	7,910,494	5,545,881
IN 4-SUM	Total of IN 4 to Bill Summary	56,754,239	49,609,498

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.IN 3 - SUM

Supply of Pumps/Fittings, Equipment

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
IN 3	Page BOQ - 40 of Bill IN 3	33,241,638	171,276,465	26,579,992
	Page BOQ - 41 of Bill IN 3	15,145,373	78,036,075	12,110,232
	Page BOQ - 42 of Bill IN 3	6,007,246	30,952,202	4,803,394
IN 3-SUM	Total of IN 3 to Bill Summary	54,394,257	280,264,742	43,493,618

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.IN - SUM

INTAKE/RWPS/BT

BOQ Bill No	BILL DESCRIPTION	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
IN 1	Site Work	11,853,181	4,967,597	-
IN 2	Construction of Intake/Raw Water Pump Station and Balancing Tank	108,561,967	45,481,856	-
IN 3	Supply of Pumps/Fittings, Equipment	54,394,257	280,264,742	43,493,618
IN 4	Installation of Pumps/Fittings, Equipment	56,754,239	49,609,498	-
IN-SUM	Total of INTAKE/RWPS/BT to Grand Summary	231,563,644	380,323,693	43,493,618

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.RT 1: Supply of DI Pipes/Valves/Fittings

Raw Water Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<p>Supply and Delivery at site all DI pipes and fittings including rubber rings, lubricant, gaskets, bolts & nuts, Denso primer, paste, protection tape and all other associated material required for complete installation</p> <p>All pipes (except flange pipes) shall be Class - K9 (T-type) Flange pipes and all fittings except Tees shall be Class - K12 All Tees shall be Class - K14 All Flanges shall be of PN 10</p> <p>Conveyance Pipe to WTP</p>									
RT 1 - 1	Straight pipe, dia 800 mm, length 6000 mm	m	991	11,919	38,623	10,560	11,811,729	38,275,393	10,464,960	quotation
RT 1 - 2	Straight pipe, dia 1000 mm, length 6000 mm	m	442	17,482	56,650	15,489	7,727,044	25,039,300	6,846,138	quotation
RT 1 - 3	Double Socket Bend, dia 800 mm x 11 1/4°	Nr	17	44,661	144,721	39,570	759,237	2,460,257	672,690	quotation
RT 1 - 4	Double Socket Bend, dia 1000 mm x 11 1/4°	Nr	3	70,965	229,959	62,876	212,895	689,877	188,628	quotation
RT 1 - 5	Double Socket Bend, dia 800 mm x 22 1/2°	Nr	8	53,079	172,001	47,029	424,632	1,376,008	376,232	quotation
RT 1 - 6	Double Socket Bend, dia 1000 mm x 22 1/2°	Nr	8	86,448	280,130	76,594	691,584	2,241,040	612,752	quotation
RT 1 - 7	Double Socket Bend, dia 800 mm x 45°	Nr	4	68,379	221,579	60,585	273,516	886,316	242,340	quotation
RT 1 - 8	Double Socket Bend, dia 1000 mm x 45°	Nr	2	114,519	371,092	101,466	229,038	742,184	202,932	quotation
Total of page BOQ - 53 to RT 1 Bill Summary							22,129,675	71,710,375	19,606,672	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.RT 1: Supply of DI Pipes/Valves/Fittings

Raw Water Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
RT 1 - 9	Double Socket Taper, dia 1000 x 800 mm	Nr	1	71,271	230,951	63,147	71,271	230,951	63,147	quotation
RT 1 -10	Double Socket Invert Tee, dia 800 x 150 mm	Nr	1	57,540	186,454	50,981	57,540	186,454	50,981	quotation
RT 1 -11	Double Socket Invert Tee, dia 1000 x 200 mm	Nr	1	92,165	298,654	81,659	92,165	298,654	81,659	quotation
RT 1 -12	Double Socket Tee with Flange, dia 1000 x 150 mm	Nr	1	84,139	272,649	74,549	84,139	272,649	74,549	quotation
RT 1 -13	Double Flanged Taper, dia 800 x 600 mm	Nr	6	52,112	168,867	46,172	312,672	1,013,202	277,032	quotation
RT 1 -14	Flanged Spigot, dia 600 mm	Nr	3	26,332	85,329	23,331	78,996	255,987	69,993	quotation
RT 1 -15	Orifice plate, outside dia 600 mm, inside dia 240 mm (SUS)	Nr	2	18,624	60,351	16,501	37,248	120,702	33,002	quotation
RT 1 -16	Orifice plate, outside dia 600 mm, inside dia 246 mm (SUS)	Nr	2	18,859	61,112	16,709	37,718	122,224	33,418	quotation
RT 1 -17	Flange Adapter, dia 600 mm	Nr	3	23,835	77,238	21,118	71,505	231,714	63,354	quotation
RT 1 -18	Sluice Valve dia 150 mm	Nr	1	4,362	14,847	4,059	4,362	14,847	4,059	Rate 2001
RT 1 -19	Sluice Valve dia 200 mm	Nr	1	6,024	20,504	5,606	6,024	20,504	5,606	Rate 2001
RT 1 -20	Ball Valve dia 150 mm	Nr	1	13,266	45,150	12,345	13,266	45,150	12,345	Rate 2001
RT 1 -21	Double Orifice Air Valve dia 150 mm	Nr	1	121,435	413,296	113,005	121,435	413,296	113,005	quotation
RT 1 -22	Butterfly Valve, dia 600 mm	Nr	3	76,228	247,011	67,539	228,684	741,033	202,617	Rate 2001
Total of page BOQ - 54 to RT 1 Bill Summary							1,217,025	3,967,367	1,084,767	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.RT 1: Supply of DI Pipes/Valves/Fittings

Raw Water Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	Conveyance Pipe for Yard Piping (Fittings)									
RT 1 -23	Double Socket Bend, dia 800 mm x 22 1/2°	Nr	2	53,079	172,001	47,029	106,158	344,002	94,058	quotation
RT 1 -24	Double Socket Bend, dia 1000 mm x 22 1/2°	Nr	1	86,448	280,130	76,594	86,448	280,130	76,594	quotation
RT 1 -25	Double Socket Bend, dia 800 mm x 45°	Nr	3	68,379	221,579	60,585	205,137	664,737	181,755	quotation
RT 1 -26	Double Socket Bend, dia 1000 mm x 45°	Nr	2	114,519	371,092	101,466	229,038	742,184	202,932	quotation
RT 1 -27	Double Socket Bend, dia 800 mm x 90°	Nr	2	96,881	313,936	85,838	193,762	627,872	171,676	quotation
RT 1 -28	Double Flanged Bend, dia 800 mm x 90o	Nr	1	101,510	328,936	89,939	101,510	328,936	89,939	quotation
RT 1 -29	Double Flanged Bend, dia 900 mm x 90o	Nr	1	131,496	426,103	116,507	131,496	426,103	116,507	quotation
RT 1 -30	Flanged Spigot, dia 800 mm	Nr	1	43,735	141,722	38,750	43,735	141,722	38,750	quotation
RT 1 -31	Flanged Spigot with Paddle, dia 800 mm x 1200mm	Nr	1	64,955	210,484	57,551	64,955	210,484	57,551	quotation
RT 1 -32	Flanged Spigot with Paddle, dia 900 mm x 1200mm	Nr	1	78,389	254,015	69,454	78,389	254,015	69,454	quotation
RT 1 -33	Flanged Spigot with Paddle, dia 1000 mm x 1200mm	Nr	1	95,023	307,915	84,191	95,023	307,915	84,191	quotation
RT 1 -34	Flanged Bellmouth, dia 800 mm	Nr	1	26,092	84,550	23,118	26,092	84,550	23,118	quotation
RT 1 -35	Flanged Bellmouth, dia 1000 mm	Nr	1	32,542	105,450	28,832	32,542	105,450	28,832	quotation
Total of page BOQ - 55 to RT 1 Bill Summary							1,394,285	4,518,100	1,235,357	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.RT 1: Supply of DI Pipes/Valves/Fittings

Raw Water Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
RT 1 -36	Collar, dia 800 mm	Nr	2	50,107	162,370	44,396	100,214	324,740	88,792	quotation
RT 1 -37	Blank Flange, dia 900 mm	Nr	1	61,315	198,688	54,326	61,315	198,688	54,326	quotation
RT 1 -38	Plag, dia 900 mm (K type)	Nr	1	61,315	198,688	54,326	61,315	198,688	54,326	quotation
	Overflow Pipe									
RT 1 -39	Straight pipe, dia 100 mm, length 6000 mm	m	10	699	2,379	650	6,990	23,790	6,500	quotation
RT 1 -40	Straight pipe, dia 600 mm, length 6000 mm	m	56	7,090	24,133	6,598	397,040	1,351,448	369,488	quotation
RT 1 -41	Double Socket Bend, dia 600 mm x 22 1/2°	Nr	4	26,907	91,576	25,039	107,628	366,304	100,156	quotation
RT 1 -42	Double Socket Bend, dia 600 mm x 45°	Nr	2	34,114	116,105	31,746	68,228	232,210	63,492	quotation
RT 1 -43	Double Socket Bend, dia 100 mm x 90°	Nr	3	2,154	7,333	2,005	6,462	21,999	6,015	quotation
RT 1 -44	Double Socket Bend, dia 600 mm x 90°	Nr	1	46,981	159,898	43,720	46,981	159,898	43,720	quotation
RT 1 -45	Double Socket Invert Tee, dia 600 x 100 mm	Nr	2	29,822	101,500	27,752	59,644	203,000	55,504	quotation
RT 1 -46	Flange Spigot, dia 100 mm	Nr	3	1,746	5,943	1,624	5,238	17,829	4,872	quotation
RT 1 -47	Flange Socket, dia 100 mm	Nr	3	1,954	6,652	1,818	5,862	19,956	5,454	quotation
RT 1 -48	Plain Pipe with Puddle, dia 600 mm x 1250mm	Nr	1	37,721	128,381	35,102	37,721	128,381	35,102	quotation
Total of page BOQ - 56 to RT 1 Bill Summary							964,638	3,246,931	887,747	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.RT 1: Supply of DI Pipes/Valves/Fittings

Raw Water Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks	
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs		
RT 1 -49	Plain Pipe with Puddle, dia 100 mm x 1150mm	Nr	1	3,298	11,227	3,069	3,298	11,227	3,069	quotation	
RT 1 -50	Plain Pipe with Puddle, dia 100 mm x 1080mm	Nr	1	3,098	10,544	2,883	3,098	10,544	2,883	quotation	
RT 1 -51	Collar, dia 100 mm	Nr	1	3,380	11,506	3,146	3,380	11,506	3,146	quotation	
RT 1 -52	Sluice Valve, dia 100 mm	Nr	2	2,729	9,288	2,539	5,458	18,576	5,078	Rate 2001	
Total of page BOQ - 57 to RT 1 Bill Summary								15,234	51,853	14,176	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.RT 2: Laying of DI Pipes/Valves/Fittings

Raw Water Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen.	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen.	
	<p>Laying & Jointing in Open Trench DI Pipes Specials & Fittings as Specified</p> <p>Rate to include for making of trial hole, excavation, cutting pipes, shoring & dewatering (where necessary), bedding unless otherwise specified, backfilling or filling with imported material (where necessary), compaction & disposal of excess and unsuitable material as directed by the Engineer, and laying all pipes and valves.</p> <p><u>Conveyance Pipe to WTP</u></p> <p><u>Depth to invert of pipe not exceeding 2.0m</u></p>							
RT 2 - 1	100 mm dia	m	10	490	205	4,900	2,050	Rate 2001
RT 2 - 2	600 mm dia	m	56	1,656	694	92,736	38,864	Rate 2001
RT 2 - 3	800 mm dia	m	991	2,425	1,017	2,403,175	1,007,847	Rate 2001
RT 2 - 4	1000 mm dia	m	442	3,826	1,604	1,691,092	708,968	Rate 2001
RT 2 - 5	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	38,127	15,993	38,127	15,993	Rate 2001
RT 2 - 6	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	3	9,720	4,077	29,160	12,231	Rate 2001
	<u>Extra over Items for Thrust block in Raw Water Transmission Main</u>							
Total of page BOQ - 58 to RT 2 Bill Summary						4,259,190	1,785,953	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.RT 2: Laying of DI Pipes/Valves/Fittings

Raw Water Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen.	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen.	
	Rate to include for additional excavation, shoring, dewatering, formwork for thrust blocks and necessary items of work required for complete installation of bends. (Mass concrete, reinforced concrete & pilling measured separately.) Complete as depicted in Drawing.							
RT 2 - 7	Horizontal Bend (dia 800-1000 mm)	Nr	25	161,209	67,625	4,030,225	1,690,625	Rate 2001
RT 2 - 8	Taper (dia 800-1000 mm)	Nr	1	47,991	20,131	47,991	20,131	Rate 2001
	<u>Extra over Items for Valve chamber in Raw Water Transmission Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
RT 2 - 9	Sluice Valve	Nr	6	70,758	29,682	424,548	178,092	Rate 2001
RT 2 - 10	Butterfly valve	Nr	3	165,943	69,611	497,829	208,833	Rate 2001
RT 2 - 11	Double Orifice Air Valve dia 150 mm	Nr	1	38,953	16,340	38,953	16,340	Rate 2001
	<u>Miscellaneous</u>							
RT 2 - 12	Road reinstatement (Temporary)	m ²	1,284	435	182	558,540	233,688	Rate 2001
RT 2 - 13	Demolition of existing asphalt road surface	m ³	128	1,476	619	188,928	79,232	Rate 2001
Total of page BOQ - 59 to RT 2 Bill Summary						5,787,014	2,426,941	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.RT 2: Laying of DI Pipes/Valves/Fittings

Raw Water Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen.	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen.	
RT 2 - 14	Overflow channel as depicted in drawing, including pedestrian bridge (width 3 m, number 5).	m	420	6,709	2,814	2,817,780	1,181,880	Rate 2001
RT 2 - 15	Box culvert as depicted in drawing	m	7	39,910	16,741	279,370	117,187	Rate 2001
RT 2 - 16	Drain pipe (dia 225 mm) including material and piles as depicted in drawing	m	50	1,904	798	95,200	39,900	Rate 2001
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
RT 2 - 17	100 mm dia	m	10	23	9	230	90	Rate 2001
RT 2 - 18	600 mm dia	m	56	136	57	7,616	3,192	Rate 2001
RT 2 - 19	800 mm dia	m	991	140	58	138,740	57,478	Rate 2001
RT 2 - 20	1000 mm dia	m	442	145	60	64,090	26,520	Rate 2001
Total of page BOQ - 60 to RT 2 Bill Summary						3,403,026	1,426,247	

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.RT 2 - Sum

Laying of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
RT 2	Page BOQ - 58 of Bill RT 2	4,259,190	1,785,953
	Page BOQ - 59 of Bill RT 2	5,787,014	2,426,941
	Page BOQ - 60 of Bill RT 2	3,403,026	1,426,247
RT 2-SUM	Total of RT 2 to Bill Summary	13,449,230	5,639,141

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.RT 1- Sum

Supply of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
RT 1	Page BOQ - 53 of Bill RT 1	22,129,675	71,710,375	19,606,672
	Page BOQ - 54 of Bill RT 1	1,217,025	3,967,367	1,084,767
	Page BOQ - 55 of Bill RT 1	1,394,285	4,518,100	1,235,357
	Page BOQ - 56 of Bill RT 1	964,638	3,246,931	887,747
	Page BOQ - 57 of Bill RT 1	15,234	51,853	14,176
RT1-SUM	Total of RT 1 to Bill Summary	25,720,857	83,494,626	22,828,719

BILL No.RT - Sum

Raw Water Transmission Main

BOQ Bill No	BILL DESCRIPTION	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
RT 1	Supply of DI Pipes/Valves/Fittings	25,720,857	83,494,626	22,828,719
RT 2	Laying of DI Pipes/Valves/Fittings	13,449,230	5,639,141	-
RT-SUM	Total of Raw Water Transmission Main to Grand Summary	39,170,087	89,133,767	22,828,719

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 1: Site Work

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Preparation Work</u>							
TP 1 - 1	Allow for clearing site, up root trees and disposal of debris.	Item	Sum	1,012,500	424,735	1,012,500	424,735	quotation
TP 1 - 2	Allow for stripping top soil to maximum of 150mm stock piling and re-use as directed.	m ²	40,012	28	11	1,120,336	440,132	quotation
TP 1 - 3	Allow for cutting and forming of earth to the grades including disposal of surplus excavated material as directed.	m ³	15,853	196	82	3,107,188	1,299,946	quotation
TP 1 - 4	Allow for filling, forming and compacting approved borrow earth to the grades as depicted in drawings.	m ³	66,156	380	159	25,139,280	10,518,804	quotation
TP 1 - 5	Excavation for unsuitable/marshy peat and disposal of material as directed.	m ³	7,425	355	148	2,635,875	1,098,900	quotation
TP 1 - 6	Fill for soft ground areas of borrow rock material.	m ³	7,425	949	398	7,046,325	2,955,150	quotation
TP 1 - 7	Allow for gravel paving and approved turfing as depicted in drawings as specified in the technical specification complete.	m ²	2,556	365	153	932,940	391,068	quotation
	<u>Slope Protection</u>							
	Allow for construction of masonry rip rap retaining wall							
TP 1 - 8	a) Type A height not exceeding 5.0m	m ²	804	1,591	667	1,279,164	536,268	quotation
Total of page BOQ - 63 to TP 1 Bill Summary						42,273,608	17,665,003	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 1: Site Work

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 1 - 9	b) Type A height exceeding 5.0m	m ²	485	1,956	820	948,660	397,700	quotation
TP 1- 10	b) Type B height not exceeding 5.0m Allow for construction of storm water drains as depicted in drawings	m ²	949	1,591	667	1,509,859	632,983	quotation
TP 1- 11	a) 150mm x 150mm	m	336	1,406	589	472,416	197,904	quotation
TP 1- 12	b) 300mm x 300mm	m	1,099	1,845	773	2,027,655	849,527	quotation
TP 1- 13	c) 450mm x 450mm	m	695	3,487	1,462	2,423,465	1,016,090	quotation
TP 1- 14	d) 500mm x 500mm	m	134	3,735	1,566	500,490	209,844	quotation
TP 1- 15	e) 600mm x 600mm	m	99	4,736	1,986	468,864	196,614	quotation
TP 1- 16	f) 600mm x 450mm	m	59	4,387	1,840	258,833	108,560	quotation
TP 1- 17	g) 750mm x 500mm Allow for construction of RCC box culverts as depicted in drawings.	m	29	5,602	2,349	162,458	68,121	quotation
TP 1- 18	a) 450mm x 450mm	m	16	4,050	1,698	64,800	27,168	quotation
TP 1- 19	b) 450mm x 600mm	m	18	5,512	2,312	99,216	41,616	quotation
TP 1- 20	c) 600mm x 600mm	m	6	7,312	3,067	43,872	18,402	quotation
TP 1- 21	Allow for chain link fence with foundation posts etc. complete as depicted in drawings.	m	656	2,029	851	1,331,024	558,256	quotation
Total of page BOQ - 64 to TP 1 Bill Summary						10,311,612	4,322,785	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 1: Site Work

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 1- 22	Allow for construction of masonry boundary wall as depicted in drawing.	m	468	6,162	2,584	2,883,816	1,209,312	quotation
	Allow for supply & erection of gates as depicted in drawing							
TP 1- 23	a) 5m x 2.5m	Nr	3	41,625	17,461	124,875	52,383	quotation
TP 1- 24	b) 1.2m x 2.5m	Nr	1	9,000	3,775	9,000	3,775	quotation
	<u>Road work / paved areas in premises</u>							
	Allow for construction of asphalt internal roads as depicted in drawing.							
TP 1- 25	a) 7m wide	m ²	936	956	401	894,816	375,336	quotation
TP 1- 26	b) 5m wide	m ²	1,801	900	377	1,620,900	678,977	quotation
TP 1- 27	c) 4m wide	m ²	1,485	900	377	1,336,500	559,845	quotation
TP 1- 28	d) 3m wide	m ²	415	843	353	349,845	146,495	quotation
TP 1- 29	Allow for construction of asphalt paved areas as depicted in drawing.	m ²	4,119	843	353	3,472,317	1,454,007	quotation
TP 1- 30	Allow for construction of road kerbs as depicted in drawing.	m	2,634	562	235	1,480,308	618,990	quotation
TP 1- 31	Allow for construction of 3000mm wide gravel road as depicted in drawing.	m ²	929	281	117	261,049	108,693	quotation
	<u>Access Roads</u>							
TP 1- 32	Allow for clearing site, up root trees and disposal of debris.	Item	Sum	303,750	127,420	303,750	127,420	quotation
Total of page BOQ - 65 to TP 1 Bill Summary						12,737,176	5,335,233	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 1: Site Work

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 1- 33	Allow for cutting and forming of earth to the grades as depicted in drawing.	m ³	1,152	196	82	225,792	94,464	quotation
TP 1- 34	Allow for filling forming and compacting approved earth to the grades as depicted in drawing.	m ³	1,725	380	159	655,500	274,275	quotation
TP 1- 35	Allow for construction of road kerbs as depicted in drawing. Allow for construction of storm water drains as depicted in drawing.	m	1,280	562	235	719,360	300,800	quotation
TP 1- 36	a) 450 x 450mm	m	1,280	3,504	1,469	4,485,120	1,880,320	quotation
TP 1- 37	Allow for slope protection masonry walls as depicted in drawing height not exceeding 3.0m.	m	1,280	6,981	2,928	8,935,680	3,747,840	quotation
TP 1- 38	Allow for construction of 3.0m wide asphalt roads as depicted in drawing.	m ²	1,632	843	353	1,375,776	576,096	quotation
TP 1- 39	Allow for construction of 7.0m wide asphalt roads as depicted in drawing.	m ²	672	956	401	642,432	269,472	quotation
TP 1- 40	Allow for construction of 3.0m wide bridge as depicted in drawing.	m	12	1,023,030	429,152	12,276,360	5,149,824	quotation
TP 1- 41	Allow for construction of concrete protection.	Item	Sum	106,339	44,608	106,339	44,608	quotation
TP 1- 42	Allow for construction of culvert as depicted in drawing. <u>Stream</u>	m	15	106,902	44,844	1,603,530	672,660	quotation
TP 1- 43	Allow for construction of masonry drain as depicted in drawing 6.0m high.	m	351	31,443	13,190	11,036,493	4,629,690	quotation
TP 1- 44	Allow for construction of temporary coffer dam <u>Sludge Lagoon</u>	Item	Sum	303,750	127,420	303,750	127,420	quotation
Total of page BOQ - 66 to TP 1 Bill Summary						42,366,132	17,767,469	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 1: Site Work

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 1- 45	Allow for filling with approved clay as depicted in drawing.	m ³	1,436	675	283	969,300	406,388	quotation
TP 1- 46	Allow for filling with approved gravel as depicted in drawing.	m ³	1,436	196	82	281,456	117,752	quotation
TP 1- 47	Allow for masonry slope protection Type D as depicted in drawing.	m ²	1,808	1,957	820	3,538,256	1,482,560	quotation
	<u>For Architectural Equipment</u>							
TP 1- 48	Supply all small power and lighting complete	Item	Sum	3,543,750	1,486,574	3,543,750	1,486,574	quotation
TP 1- 49	Install all small power and lighting complete	Item	Sum	675,000	283,157	675,000	283,157	quotation
Total of page BOQ - 67 to TP 1 Bill Summary						9,007,762	3,776,431	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 2: Construction of Distribution Chamber

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Excavation and Earth Work</u>							
TP 2 - 1	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	76	257	107	19,532	8,132	quotation
TP 2 - 2	Planking and strutting to sites of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	46	450	188	20,700	8,648	quotation
TP 2 - 3	Allow for dewatering of pit	Item	Sum	25,312	10,618	25,312	10,618	quotation
	<u>Piles</u>							
TP 2 - 4	Bored Piles 600mm dia.	m	149	7,312	3,067	1,089,488	456,983	quotation
TP 2 - 5	Load testing of piles 600mm dia	Nr	3	281,250	117,982	843,750	353,946	quotation
	<u>For substructure</u>							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
TP 2 - 6	a) Screed of base slab	m ³	12	5,152	2,161	61,824	25,932	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
TP 2 - 7	a) Base slab	m ³	91	6,637	2,784	603,967	253,359	quotation
Total of page BOQ - 68 to TP 2 Bill Summary						2,664,573	1,117,618	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 2: Construction of Distribution Chamber

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
Total of page BOQ - 68 to TP 2 Bill Summary						2,664,573	1,117,618	
TP 2 - 8	b) Walls	m ³	153	6,750	2,831	1,032,750	433,143	quotation
TP 2 - 9	c) Slabs	m ³	38	6,750	2,831	256,500	107,578	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
TP 2- 10	a) Sides and soffits of slabs	m ²	191	421	176	80,411	33,616	quotation
TP 2- 11	b) Sides of walls	m ²	810	450	188	364,500	152,280	quotation
	<u>Reinforcement</u>							
TP 2- 12	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm2 including binding wire, cover and spacer blocks complete.	mt	69	50,625	21,236	3,493,125	1,465,284	quotation
	<u>Water Proofing</u>							
TP 2- 13	Furnish, prepare and apply water proofing to the surface area to be water proofed in walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	663	956	401	633,828	265,863	quotation
	<u>Miscellaneous</u>							
TP 2- 14	Supply and fix PVC water bar	m	274	1,687	707	462,238	193,718	quotation
TP 2- 15	Filling with pebbles to top slab	m ³	38	393	164	14,934	6,232	quotation
TP 2- 16	Supply & fix stainless steel ladder to detail drawing	Nr	1	16,875	7,078	16,875	7,078	quotation
Total of page BOQ - 69 to TP 2 Bill Summary						6,355,161	2,664,792	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 2: Construction of Distribution Chamber

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 2- 17	Supply & fix chequered plate manhole cover to detail drawing	Nr	1	5,625	2,359	5,625	2,359	quotation
TP 2- 18	Allow for all vents and necessary connections etc.	Item	Sum	75,937	31,854	75,937	31,854	quotation
TP 2- 19	Testing and Commissioning	Item	Sum	50,625	21,236	50,625	21,236	quotation
	For superstructure							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete Grade 15 laid within forms in:							
TP 2- 20	a) Concrete filling on RCC slab above ground floor level.	m ³	6	5,152	2,161	30,912	12,966	quotation
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
TP 2- 21	a) Columns	m ³	1	6,282	2,635	6,282	2,635	quotation
TP 2- 22	b) Lintols	m ³	1	6,356	2,666	6,356	2,666	quotation
TP 2- 23	c) Portal frames and roof beams	m ³	2	6,750	2,831	13,500	5,662	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
TP 2- 24	a) Columns	m ²	22	506	212	11,132	4,664	quotation
TP 2- 25	b) Lintols	m ²	7	506	212	3,542	1,484	quotation
TP 2- 26	c) Portal frames & roof beams	m ²	39	562	235	21,918	9,165	quotation
Total of page BOQ - 70 to TP 2 Bill Summary						225,829	94,691	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 2: Construction of Distribution Chamber

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Reinforcement</u>							
TP 2- 27	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	92	49	20	4,508	1,840	quotation
TP 2- 28	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	411	50	20	20,550	8,220	quotation
	<u>Masonry Work</u>							
TP 2- 29	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	55	834	349	45,870	19,195	quotation
	<u>Painting</u>							
TP 2- 30	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	62	180	75	11,160	4,650	quotation
TP 2- 31	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour	m ²	63	204	85	12,852	5,355	quotation
	<u>Roof Covering</u>							
TP 2- 32	Supply and lay 2 layers of half round clay tiles on corrugated asbestos sheets roof fixed to steel frame work as per detail drawing. Rate shall include for "J" bolts, nuts, sealing washers etc.	m ²	63	1,264	530	79,632	33,390	quotation
TP 2- 33	Furnish and fix ridge hip tile including mortar. Rate shall include for laying 300mm wide tar sheet.	m	20	405	169	8,100	3,380	quotation
Total of page BOQ - 71 to TP 2 Bill Summary						182,672	76,030	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 2: Construction of Distribution Chamber

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 2- 34	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	63	241	101	15,183	6,363	quotation
	<u>Roof Plumbing</u>							
TP 2- 35	Furnish and install 50mm x 70mm Zn/Al down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	16	3,937	1,651	62,992	26,416	quotation
TP 2- 36	Furnish and install 470mm girth Zn/Al gutter complete with brackets, end caps, running heads and fixing clips etc.	m	32	2,812	1,179	89,984	37,728	quotation
	<u>Wood Work</u>							
TP 2- 37	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, to an approved make and colour.	m	32	405	169	12,960	5,408	quotation
	<u>Structural Metal Work</u>							
	Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section.							
	Rate shall include for treating with two coats of anticorrosive paint where necessary.							
	Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.							
	Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.							
	Fabricating and erecting framed structures.							
Total of page BOQ - 72 to TP 2 Bill Summary						181,119	75,915	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 2: Construction of Distribution Chamber

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 2- 38	Galvernized "C" channel purlin of size 125 x 50 x 6mm thick fixed to portal frame as per detail drawings. <u>Metal Work</u> Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings All alluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded alluminium sheets as specified. Aluminium Doors	m	41	590	247	24,190	10,127	quotation
TP 2- 39	Door type D1 size 2000mm x 2700mm with Aluminium framed 20 guage colour bonded Aluminium sheet with 5mm plywood backing and double sash door with Aluminium louvers above. Aluminium Windows	Nr	1	42,879	17,987	42,879	17,987	quotation
TP 2- 40	Window type W1 size 2400mm x 1800mm alluminium framed 5mm thick clear float glass three sash top hung windows with alluminium louvers above.	Nr	3	22,590	9,476	67,770	28,428	quotation
TP 2- 41	Furnish fabricate and install 1100mm high G.I Hand Rail type "R3" as per detail drawing. Rate shall include for applying two coats of anti corrosive paint and spray painted with two coats of enamel paint. <u>Wall/Floor/ Ceiling Finishes</u>	m	21	4,059	1,702	85,239	35,742	quotation
TP 2- 42	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	29	483	202	14,007	5,858	quotation
Total of page BOQ - 73 to TP 2 Bill Summary						234,085	98,142	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 2: Construction of Distribution Chamber

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 2- 43	Plaster 16mm thick in cement and sand 1: 5 to internal faces of walls and columns and finished smooth with neat cement float & applied with two coats of epoxy paint.	m ²	27	387	162	10,449	4,374	quotation
TP 2- 44	Plaster 16 mm thick in cement and sand 1: 5 to internal faces of walls and columns and finished with 2-3mm thick skim coat (Magna or equivalent to architect's approval)	m ²	22	508	213	11,176	4,686	quotation
TP 2- 45	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough.	m ²	63	205	85	12,915	5,355	quotation
TP 2- 46	Plaster sides and soffits of slabs and beams with 5mm thick skim coat after grinding and levelling any visible joints as depicted in Specification.	m ²	39	362	151	14,118	5,889	quotation
TP 2- 47	Forming 16mm thick "V" groove as per detail drawing.	m	25	28	11	700	275	quotation
	Architectural Equipment							quotation
TP 2- 48	Supply all small power complete	Item	Sum	22,500	9,438	22,500	9,438	quotation
TP 2- 49	Supply all Lighting complete	Item	Sum	112,500	47,192	112,500	47,192	quotation
TP 2- 50	Supply all Telephone complete	Item	Sum	16,875	7,078	16,875	7,078	quotation
TP 2- 51	Install all small power complete	Item	Sum	11,250	4,719	11,250	4,719	quotation
TP 2- 52	Install all Lighting complete	Item	Sum	28,125	11,798	28,125	11,798	quotation
TP 2- 53	Install all Telephone complete	Item	Sum	3,375	1,415	3,375	1,415	quotation
Total of page BOQ - 74 to TP 2 Bill Summary						243,983	102,219	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 3: Costruction of Floccuration/Sedimentation Basins

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Excavation and Earth Work</u>							
TP 3 - 1	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	1,953	257	107	501,921	208,971	quotation
TP 3 - 2	Planking and strutting to sites of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	441	450	188	198,450	82,908	quotation
TP 3 - 3	Allow for dewatering of pit	Item	Sum	202,500	84,947	202,500	84,947	quotation
TP 3 - 4	<u>Piles</u>							
TP 3 - 5	Bored Piles 600mm dia.	m	1,247	7,312	3,067	9,118,064	3,824,549	quotation
TP 3 - 6	Load testing of piles 600mm dia	Nr	11	281,250	117,982	3,093,750	1,297,802	quotation
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
TP 3 - 7	a) Screed of base slab	m ³	118	5,152	2,161	607,936	254,998	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
TP 3 - 8	a) Base slab	m ³	1,206	6,637	2,784	8,004,222	3,357,504	quotation
Total of page BOQ - 75 to TP 3 Bill Summary						21,726,843	9,111,679	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 3: Costruction of Floccuration/Sedimentation Basins

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 3 - 9	b) Walls	m ³	1,652	6,750	2,831	11,151,000	4,676,812	quotation
TP 3- 10	c) Slabs	m ³	102	6,750	2,831	688,500	288,762	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
TP 3- 11	a) Sides and soffits of slabs	m ²	466	421	176	196,186	82,016	quotation
TP 3- 12	b) Sides of walls	m ²	7,065	450	188	3,179,250	1,328,220	quotation
	<u>Reinforcement</u>							
TP 3- 13	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	mt	389	50,625	21,236	19,693,125	8,260,804	quotation
	<u>Water Proofing</u>							
TP 3- 14	Furnish, prepare and apply water proofing to the surface area to be water proofed in walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	7,527	956	401	7,195,812	3,018,327	quotation
	<u>Miscellaneous</u>							
TP 3- 15	Supply & fix PVC water bar	m	412	1,687	707	695,044	291,284	quotation
TP 3- 16	Supply & fix stainless steel ladder to detail drawing	Nr	3	5,625	2,359	16,875	7,077	quotation
Total of page BOQ - 76 to TP 3 Bill Summary						42,815,792	17,953,302	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 3: Costruction of Floccuration/Sedimentation Basins

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 3- 17	Supply & fix chequred plate man hole cover to detail drawing	Nr	12	3,937	1,651	47,244	19,812	quotation
TP 3- 18	Allow for all vents and necessary connections etc.	Item	Sum	202,500	84,947	202,500	84,947	quotation
TP 3- 19	Testing and Commissioning	Item	Sum	101,250	42,473	101,250	42,473	quotation
	Architectural Equipment							
TP 3- 20	Supply all small power complete	Item	Sum	28,125	11,798	28,125	11,798	quotation
TP 3- 21	Supply all Lighting complete	Item	Sum	67,500	28,315	67,500	28,315	quotation
TP 3- 22	Install all small power complete	Item	Sum	9,000	3,775	9,000	3,775	quotation
TP 3- 23	Install all Lighting complete	Item	Sum	13,500	5,663	13,500	5,663	quotation
Total of page BOQ - 77 to TP 3 Bill Summary						469,119	196,783	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Excavation and Earth Work</u>							
TP 4 - 1	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	5,305	257	107	1,363,385	567,635	quotation
TP 4 - 2	Planking and strutting to sites of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	585	450	188	263,250	109,980	quotation
TP 4 - 3	Allow for dewatering of pit	Item	Sum	101,250	42,473	101,250	42,473	quotation
	<u>Piles</u>							
TP 4 - 4	Bored Piles 600mm dia.	m	1,530	7,312	3,067	11,187,360	4,692,510	quotation
TP 4 - 5	Load testing of piles 600mm dia	Nr	9	281,250	117,982	2,531,250	1,061,838	quotation
	<u>For substructure</u>							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete Grade 15 laid within forms in:							
TP 4 - 6	a) Screed of base slab	m ³	68	5,152	2,161	350,336	146,948	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
Total of page BOQ - 78 to TP 4 Bill Summary						15,796,831	6,621,384	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 4 - 7	a) Base slab	m ³	563	6,637	2,784	3,736,631	1,567,392	quotation
TP 4 - 8	b) Walls	m ³	808	6,750	2,831	5,454,000	2,287,448	quotation
TP 4 - 9	c) Top slab	m ³	293	6,750	2,831	1,977,750	829,483	quotation
TP 4- 10	d) Stair case	m ³	3	6,750	2,831	20,250	8,493	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete:							
TP 4- 11	a) Sides and soffits of slabs	m ²	1,259	421	176	530,039	221,584	quotation
TP 4- 12	b) Sides of walls	m ²	5,219	450	188	2,348,550	981,172	quotation
TP 4- 13	c) Sides and soffits of staircase	m ²	21	450	188	9,450	3,948	quotation
	<u>Reinforcement</u>							
TP 4- 14	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	mt	416	50,625	21,236	21,060,000	8,834,176	quotation
Total of page BOQ - 79 to TP 4 Bill Summary						35,136,670	14,733,696	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Water Proofing</u>							
TP 4- 15	Furnish, prepare and apply water proofing to the surface area to be water proofed in walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	2,746	956	401	2,625,176	1,101,146	quotation
	<u>Miscellaneous</u>							
TP 4- 16	Block work wall as per specification	m ²	60	786	329	47,160	19,740	quotation
TP 4- 17	Manhole covers	Nr	3	8,437	3,539	25,311	10,617	quotation
TP 4- 18	Stop log including canales	Nr	2	28,125	11,798	56,250	23,596	quotation
TP 4- 19	G.I Handrail	m	18	4,059	1,702	73,062	30,636	quotation
TP 4- 20	Allow for all vents and necessary connections etc.	Item	Sum	253,125	106,183	253,125	106,183	quotation
TP 4- 21	Machine hatch cast iron grating (1500mm x 2000 mm)	Nr	1	15,187	6,370	15,187	6,370	quotation
Total of page BOQ - 80 to TP 4 Bill Summary						3,095,271	1,298,288	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 4- 22	Supply and fix PVC water bar	m	874	1,687	707	1,474,438	617,918	quotation
TP 4- 23	Testing and Commissioning	Item	Sum	101,250	42,473	101,250	42,473	quotation
TP 4- 24	Graded Pebbles	m ³	61	16,875	7,078	1,029,375	431,758	quotation
TP 4- 25	Filter Media	m ³	305	10,125	4,247	3,088,125	1,295,335	quotation
	For superstructure							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
TP 4- 26	a) Walls and columns / stairways	m ³	31	6,282	2,635	194,742	81,685	quotation
TP 4- 27	b) Beams, slabs & lintols	m ³	70	6,356	2,666	444,920	186,620	quotation
TP 4- 28	c) Portal frames and roof beams	m ³	22	6,750	2,831	148,500	62,282	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
Total of page BOQ - 81 to TP 4 Bill Summary						6,481,350	2,718,071	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 4- 29	a) Walls and Columns	m ²	171	506	212	86,526	36,252	quotation
TP 4- 30	b) Beams, slabs and Lintols	m ²	381	506	212	192,786	80,772	quotation
TP 4- 31	c) Portal frames & roof beams	m ²	199	562	235	111,838	46,765	quotation
	<u>Reinforcement</u>							
TP 4- 32	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	1,350	49	20	66,150	27,000	quotation
TP 4- 33	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed for steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	11,790	50	20	589,500	235,800	quotation
	<u>Structural Metal Work</u>							
	Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section.							
	Rate shall include for treating with two coats of anticorrosive paint where necessary.							
	Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.							
	Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.							
Total of page BOQ - 82 to TP 4 Bill Summary						1,046,800	426,589	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks	
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen		
TP 4- 34	<p>Fabricating and erecting framed structures.</p> <p>Galvernized "C" channel purlin of size 180 x 75 x 7mm thick fixed to portal frame as per detail drawings.</p> <p>Metal Work</p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All alluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded alluminium sheets as specified.</p> <p>Aluminium doors</p>	m	1,517	1,687	707	2,559,179	1,072,519	quotation	
TP 4- 35	<p>Door type D1 size 900 x 2100mm Aluminium framed 20 guage colour bonded aluminium sheet with 5mm plywood backing single sash door with glass blocks above.</p>	Nr	1	15,007	6,295	15,007	6,295	quotation	
TP 4- 36	<p>Door type D3a size 2000 x 2100mm with Aluminium framed 20 guage colour bonded aluminium sheet with 5mm plywood backing and 5mm thick clear float glass double sash door.</p> <p>Aluminium Windows</p>	Nr	3	33,350	13,990	100,050	41,970	quotation	
TP 4- 37	<p>Window type W2 size 3600 x 1950mm alluminium framed 5mm thick clear float glass 4 sash centre pivoted windows with 5mm thick fixed clear float glass above</p>	Nr	13	36,708	15,398	477,204	200,174	quotation	
Total of page BOQ - 83 to TP 4 Bill Summary							3,151,440	1,320,958	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 4- 38	Fixed Glass Window type W2a size 3600 x 1950mm aluminium framed 5mm thick clear float 4 sash centre pivoted window with 5mm thick float glass above and backed with 5mm thick clear glass panels.	Nr	1	36,708	15,398	36,708	15,398	quotation
TP 4- 39	Window type W3 size 1500 x 750mm aluminium framed louver panel.	Nr	1	10,188	4,273	10,188	4,273	quotation
	Partitions							
TP 4- 40	Partitions type P19 size 5420x4000mm powder coated aluminium framed partitions with 5mm thick both side PVC coated plywood sheet and 5mm thick clear float glass with door.	Nr	1	66,985	28,099	66,985	28,099	quotation
TP 4- 41	Partition type P20 size 10395x4000mm powder coated aluminium framed partitions with 5mm thick both sides PVC coated plywood sheet and 5mm thick clear float glass (900mm wide door).	Nr	1	116,770	48,984	116,770	48,984	quotation
	Plain Openings							
TP 4- 42	Forming plain opening type OP4 size 692mm x 692mm	Nr	2	1,012	424	2,024	848	quotation
	Handrails							
TP 4- 43	Furnish, fabricate and install 1100mm high GI handrail type " R3" as per detail drawing. Rate shall include for applying two coats of anti corrosive paint and spray painted with two coats of enamel paint.	m	58	4,059	1,702	235,422	98,716	quotation
TP 4- 44	Furnish and fix 190mm x 190mm glass blocks as per the specification.	m ²	2	8,437	3,539	16,874	7,078	quotation
Total of page BOQ - 84 to TP 4 Bill Summary						484,971	203,396	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Masonry Work</u>							
TP 4- 45	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	225	834	349	187,650	78,525	quotation
	<u>Wood Work</u>							
TP 4- 46	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, matt finish of grey colour to the hardwood	m	117	405	169	47,385	19,773	quotation
	<u>Miscellaneous</u>							
TP 4- 47	Machine hatch with cast iron grating	Nr	1	15,187	6,370	15,187	6,370	quotation
	<u>Roof Covering</u>							
TP 4- 48	Furnish and lay 2 layers of half round clay tiles on corrugated asbestos cement sheets roof cover pitch 20 degrees, fixed to steel framework inclusive of "J" bolts nuts, sealing washers etc. as per detail drawing.	m ²	544	1,264	530	687,616	288,320	quotation
TP 4- 49	Furnish and fix half round ridge/hip tile with cement mortar. Rate shall include for laying 300mm wide tar sheet.	m	91	405	169	36,855	15,379	quotation
TP 4- 50	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	544	241	101	131,104	54,944	quotation
Total of page BOQ - 85 to TP 4 Bill Summary						1,105,797	463,311	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Roof Plumbing</u>							
TP 4- 51	Furnish and install 110 mm diameter Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	90	3,937	1,651	354,330	148,590	quotation
TP 4- 52	Furnish and install Zn/Aluminium gutter of size 112 X 112 mm complete with brackets, end caps, running heads and fixing clips etc.	m	117	2,812	1,179	329,004	137,943	quotation
	<u>Wall/Floor/ Ceiling Finishes</u>							
TP 4- 53	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed	m ²	315	483	202	152,145	63,630	quotation
TP 4- 54	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat as depicted in Specification.	m ²	227	508	213	115,316	48,351	quotation
TP 4- 55	Plaster sides and soffits of slabs, beams, stairways and portal frames with 5 mm thick skim coat after grinding and levelling any visible joints as depicted in Specification.	m ²	202	362	151	73,124	30,502	quotation
TP 4- 56	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough	m ²	160	205	85	32,800	13,600	quotation
TP 4- 57	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement	m ²	49	302	126	14,798	6,174	quotation
Total of page BOQ - 86 to TP 4 Bill Summary						1,071,517	448,790	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 4- 58	20mm x 100mm 1:5 cement sand skirting finished with neat cement float and 2 coats of epoxy paint colour as directed.	m	90	331	138	29,790	12,420	quotation
TP 4- 59	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eaves ceiling fixed to steel frame work and steel purlins as per detail drawing	m ²	132	1,089	456	143,748	60,192	quotation
	<u>Painting</u>							
TP 4- 60	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	430	180	75	77,400	32,250	quotation
TP 4- 61	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour	m ²	160	191	80	30,560	12,800	quotation
TP 4- 62	Prepare underside of asbestos free fibre cement board ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour	m ²	135	204	85	27,540	11,475	quotation
	<u>Architectural Equipment</u>							
TP 4- 63	Supply ventilation systems complete	Item	Sum	337,500	141,578	337,500	141,578	quotation
TP 4- 64	Supply all small power complete	Item	Sum	112,500	47,192	112,500	47,192	quotation
Total of page BOQ - 87 to TP 4 Bill Summary						759,038	317,907	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 4: Construction of Filtration Units

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 4- 65	Supply all Lighting complete	Item	Sum	421,875	176,973	421,875	176,973	quotation
TP 4- 66	Supply all Telephone complete	Item	Sum	16,875	7,078	16,875	7,078	quotation
TP 4- 67	Supply all Lightning Protection complete	Item	Sum	56,250	23,596	56,250	23,596	quotation
TP 4- 68	Install ventilation systems complete	Item	Sum	78,750	33,034	78,750	33,034	quotation
TP 4- 69	Install all small power complete	Item	Sum	45,000	18,877	45,000	18,877	quotation
TP 4- 70	Install all Lighting complete	Item	Sum	73,125	30,675	73,125	30,675	quotation
TP 4- 71	Install all Telephone complete	Item	Sum	3,375	1,415	3,375	1,415	quotation
TP 4- 72	Install all Lightning Protection complete	Item	Sum	39,375	16,517	39,375	16,517	quotation
Total of page BOQ - 88 to TP 4 Bill Summary						734,625	308,165	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 5: Construction of Clear Water Reservoir

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Excavation and Earth Work</u>							
TP 5 - 1	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	4,199	257	107	1,079,143	449,293	quotation
TP 5 - 2	Excavation in rock including disposal of excavated material(Provisional).	m ³	90	2,387	1,001	214,830	90,090	quotation
TP 5 - 3	Planking and strutting to sites of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	549	450	188	247,050	103,212	quotation
TP 5 - 4	Allow for dewatering of pit	Item	Sum	101,250	42,473	101,250	42,473	quotation
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
TP 5 - 5	a) Screed of base slab	m ³	65	5,152	2,161	334,880	140,465	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
Total of page BOQ - 89 to TP 5 Bill Summary						1,977,153	825,533	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 5: Construction of Clear Water Reservoir

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 5 - 6	a) Base slab	m ³	503	6,637	2,784	3,338,411	1,400,352	quotation
TP 5 - 7	b) Walls	m ³	356	6,750	2,831	2,403,000	1,007,836	quotation
TP 5 - 8	c) Slabs	m ³	182	6,750	2,831	1,228,500	515,242	quotation
	<u>Formwork</u> Furnish, fabricate, erect and strike formwork to concrete							
TP 5 - 9	a) Sides and soffits of slabs	m ²	783	421	176	329,643	137,808	quotation
TP 5- 10	b) Sides of walls	m ²	1,978	450	188	890,100	371,864	quotation
	<u>Reinforcement</u>							
TP 5- 11	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm2 including binding wire, cover and spacer blocks complete	mt	242	50,625	21,236	12,251,250	5,139,112	quotation
	<u>Water Proofing</u>							
TP 5- 12	Furnish, prepare and apply water proofing to the surface area to be water proofed in walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	2,075	956	401	1,983,700	832,075	quotation
	<u>Miscellaneous</u>							
Total of page BOQ - 90 to TP 5 Bill Summary						22,424,604	9,404,289	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 5: Construction of Clear Water Reservoir

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 5- 13	Supply & fix PVC water bar	m	206	1,687	707	347,522	145,642	quotation
TP 5- 14	Filling with pebbles to top slab	m ³	129	393	164	50,697	21,156	quotation
TP 5- 15	Supply & fix chequered plate man hole cover to detail drawing	Nr	9	2,812	1,179	25,308	10,611	quotation
TP 5- 16	Allow for all vents and necessary connections etc.	Item	Sum	151,875	63,710	151,875	63,710	quotation
TP 5- 17	Testing and Commissioning	Item	Sum	101,250	42,473	101,250	42,473	quotation
Total of page BOQ - 91 to TP 5 Bill Summary						676,652	283,592	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Excavation and Earthwork</u>							
TP 6 - 1	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	8,176	257	107	2,101,232	874,832	quotation
TP 6 - 2	Excavation in rock including disposal of excavated material(Provisional).	m ³	90	2,387	1,001	214,830	90,090	quotation
TP 6 - 3	Planking and strutting to sites of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	1,066	450	188	479,700	200,408	quotation
TP 6 - 4	Allow for dewatering of pit	Item	Sum	151,875	63,710	151,875	63,710	quotation
TP 6 - 5	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00 m beyond the external wall.	Item	Sum	202,500	84,947	202,500	84,947	quotation
	<u>Piles</u>							
TP 6 - 6	Bored Piles 600mm dia.	m	85	7,312	3,067	621,520	260,695	quotation
TP 6 - 7	Load testing of piles 600mm dia	Nr	3	281,250	117,982	843,750	353,946	quotation
Total of page BOQ - 92 to TP 6 Bill Summary						4,615,407	1,928,628	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	For substructure							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete Grade 15 laid within forms in:							
TP 6 - 8	a) Screed of base slab	m ³	63	5,152	2,161	324,576	136,143	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
TP 6 - 9	a) Base slab	m ³	676	6,637	2,784	4,486,612	1,881,984	quotation
TP 6- 10	b) Walls	m ³	833	6,750	2,831	5,622,750	2,358,223	quotation
TP 6- 11	c) Stair case	m ³	3	6,750	2,831	20,250	8,493	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete:							
TP 6- 12	a) Sides and soffits of slabs	m ²	109	421	176	45,889	19,184	quotation
TP 6- 13	b) Sides of walls	m ²	2,367	450	188	1,065,150	444,996	quotation
Total of page BOQ - 93 to TP 6 Bill Summary						11,565,227	4,849,023	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 6- 14	c) Sides and soffits of staircase <u>Reinforcement</u>	m ²	17	450	188	7,650	3,196	quotation
TP 6- 15	Furnish, fabricate, place and tie medium grade ribbed or deformed steel steel 460N/mm2 including binding wire, cover and spacer blocks complete <u>Water Proofing</u>	mt	358	50,625	21,236	18,123,750	7,602,488	quotation
TP 5- 16	Furnish, prepare and apply water proofing to the surface area to be water proofed in walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing". <u>Miscellaneous for Substructure</u>	m ²	1,647	956	401	1,574,532	660,447	quotation
TP 5- 17	Supply and fix PVC water bar	m	356	1,687	707	600,572	251,692	quotation
TP 5- 18	G.I. Handrail <u>For superstructure</u> <u>Concrete Work</u> Furnish, place, compact and cure cement concrete Grade 15 laid within forms in:	m	23	4,059	1,702	93,357	39,146	quotation
Total of page BOQ - 94 to TP 6 Bill Summary						20,399,861	8,556,969	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 6- 19	a) 50mm thick screed in foundation trenches and pits Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:	m ³	340	5,152	2,161	1,751,680	734,740	quotation
TP 6- 20	a) Pile caps	m ³	23	6,093	2,555	140,139	58,765	quotation
TP 6- 21	b) Foundation beams, walls and stairways Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:	m ³	43	6,093	2,555	261,999	109,865	quotation
TP 6- 22	a) Walls and columns / stairways	m ³	142	6,282	2,635	892,044	374,170	quotation
TP 6- 23	b) Beams, slabs & lintols	m ³	197	6,356	2,666	1,252,132	525,202	quotation
TP 6- 24	c) Portal frames and roof beams Formwork Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:	m ³	57	6,750	2,831	384,750	161,367	quotation
TP 6- 25	a) Pile caps	m ²	35	562	235	19,670	8,225	quotation
TP 6- 26	b) Foundation beams, walls and stairways Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:	m ²	378	450	188	170,100	71,064	quotation
TP 6- 27	a) Walls and Columns	m ²	951	506	212	481,206	201,612	quotation
Total of page BOQ - 95 to TP 6 Bill Summary						5,353,720	2,245,010	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 6- 28	b) Beams, slabs, Lintols & Stairways	m ²	787	506	212	398,222	166,844	quotation
TP 6- 29	c) Portal frames & roof beams	m ²	505	562	235	283,810	118,675	quotation
	<u>Reinforcement</u>							
TP 6- 30	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	1,350	49	20	66,150	27,000	quotation
TP 6- 31	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete in sizes varying from Y10 to Y25 (10mm dia. to 25mm dia.)	kg	70,125	50	20	3,506,250	1,402,500	quotation
	<u>Masonry Work</u>							
TP 6- 31	225mm thick brick fin walls in cement and sand 1:5 above ground floor level	m ²	127	833	349	105,791	44,323	quotation
TP 6- 32	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	774	834	349	645,516	270,126	quotation
	<u>Structural Metal Work</u>							
	Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section.							
	Rate shall include for treating with two coats of anticorrosive paint where necessary.							
Total of page BOQ - 96 to TP 6 Bill Summary						5,005,739	2,029,468	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.</p> <p>Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.</p> <p>Fabricating and erecting framed structures.</p>							
TP 6- 33	Galvernized "C" channel purlin of size 150 x 65x 6mm thick fixed to portal frame as per detail drawings.	m	1,211	590	247	714,490	299,117	quotation
TP 6- 34	Crain rail as per detail drawing							
TP 6- 35	a) Size 305 x 305mm, 158 Kg/m	m	79	9,843	4,129	777,597	326,191	quotation
TP 6- 36	b) Size 254 x 254mm, 107 Kg/m	m	31	7,312	3,067	226,672	95,077	quotation
	<u>Metal Work</u>							
	Aluminium doors							
TP 6- 37	Door type D4 size 2500x3500mm steel framed 20 gauge colour bonded Aluminium sheet double sash door with fixed glass above.	Nr	1	68,846	28,880	68,846	28,880	quotation
TP 6- 38	Glazed door type D5 size 2500x3500mm with steel framed guage 20 colour bonded aluminium sheet double door sash.	Nr	1	66,198	27,769	66,198	27,769	quotation
TP 6- 39	Glazed door type D6 size 900x3500mm with steel framed guage 20 colour bonded aluminium sheet with fixed glass above.	Nr	3	24,784	10,396	74,352	31,188	quotation
Total of page BOQ - 97 to TP 6 Bill Summary						1,928,155	808,222	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 6- 40	Door type D7 size 900x2100mm with aluminium framed 5mm thick both side PVC coated plywood sheet, 5mm thick clear float glass single sash door.	Nr	1	14,916	6,257	14,916	6,257	quotation
TP 6- 41	Door type D9 size 900x2100mm fire door.	Nr	2	34,317	14,395	68,634	28,790	quotation
TP 6- 42	Door type RS ₁ size 4000 x 4000mm colour bonded aluminium roller shutter door (manual operated)	Nr	1	116,208	48,748	116,208	48,748	quotation
	Aluminium Windows							
TP 6- 43	Window type W2 size 3600x2400mm aluminium framed 4 sash top hung glazed window with 5mm thick fixed clear float glass above.	Nr	3	45,181	18,953	135,543	56,859	quotation
TP 6- 44	Window type W3 size 4500x2400mm aluminium framed 5 sash top hung window with 5mm thick clear float fixed glass above.	Nr	10	56,476	23,691	564,760	236,910	quotation
TP 6- 45	Window type W4 size 7400x5000mm aluminium framed fixed louvers panel.	Nr	1	335,913	140,912	335,913	140,912	quotation
TP 6- 46	Window type W5 size 4000x4000mm aluminium framed fixed louvers panel.	Nr	2	145,260	60,935	290,520	121,870	quotation
	Plain Openings							
TP 6- 47	Forming plain opening type OP2 size 2000 x 2000mm.	Nr	2	5,518	2,314	11,036	4,628	quotation
TP 6- 48	Forming plain opening type OP3 size 2000 x 2000mm Opening for machinery with bricked up with groove for mark.	Nr	2	5,518	2,314	11,036	4,628	quotation
Total of page BOQ - 98 to TP 6 Bill Summary						1,548,566	649,602	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 6- 49	Forming plain opening type OP4 size 692 x 692mm.	Nr	5	1,012	424	5,060	2,120	quotation
TP 6- 50	Forming plain opening type OP6 size 1010 x 1010mm.	Nr	5	2,160	906	10,800	4,530	quotation
	Handrails							
TP 6- 51	Furnish, fabricate and fixed 1100mm high G.I. Handrail type "R3" as per detail drawing. Rate shall include for applying two coats of anti corrosive paint and spray painted with two coats of enamel paint.	m	46	4,059	1,702	186,714	78,292	quotation
	Wood Work							
TP 6- 52	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, matt finish of grey colour to the hardwood	m	178	405	169	72,090	30,082	quotation
	Roof Covering							
TP 6- 53	Furnish and lay 2 layers of half round clay tiles on corrugated asbestos cement sheets roof cover pitch 20 degrees, fixed to steel framework inclusive of J bolts nuts,sealing washers etc. as per detail drawing.	m ²	1,398	1,264	530	1,767,072	740,940	quotation
TP 6- 54	Furnish and fix half round ridge/hip tile with cement mortar. Rate shall include for laying 300mm wide tar sheet.	m	91	405	169	36,855	15,379	quotation
TP 6- 55	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	1,398	241	101	336,918	141,198	quotation
Total of page BOQ - 99 to TP 6 Bill Summary						2,415,509	1,012,541	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Roof Plumbing</u>							
TP 6- 56	Furnish and install 110 mm diameter Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	144	3,937	1,651	566,928	237,744	quotation
TP 6- 57	Furnish and install 470mm girth Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	180	2,812	1,179	506,160	212,220	quotation
	<u>Wall/Floor/Ceiling Finishes</u>							
TP 6- 58	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed	m ²	751	483	202	362,733	151,702	quotation
TP 6- 59	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat as depicted in Specification.	m ²	1,612	387	162	623,844	261,144	quotation
TP 6- 60	Plaster sides and soffits of slabs, beams, stairways and portal frames with 5mm thick skim coat after grinding and levelling any visible joints as depicted in Specification.	m ²	505	362	151	182,810	76,255	quotation
TP 6- 61	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough	m ²	945	205	85	193,725	80,325	quotation
TP 6- 62	Plaster 20mm thick in cement and sand 1:3 to plinth and furnished smooth with a floating of grey cement	m ²	45	302	126	13,590	5,670	quotation
Total of page BOQ - 100 to TP 6 Bill Summary						2,449,790	1,025,060	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 6- 63	20mm x 100mm 1:5 cement sand skirting finished with neat cement float and 2 coats of epoxy paint colour as directed	m ²	252	331	138	83,412	34,776	quotation
TP 6- 64	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and steel purlins as per detail drawing	m ²	223	1,089	456	242,847	101,688	quotation
	Painting							
TP 6- 65	Prepare internal walls, columns, beams and slab surfaces and paint with one coat of an approved primer and two coats of emulsion paint of an approved make and colour	m ²	2,127	180	75	382,860	159,525	quotation
TP 6- 66	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion an approved make and colour	m ²	945	191	80	180,495	75,600	quotation
TP 6- 67	Prepare underside of asbestos free fibre cement board ceiling at eaves and painted with two coats of weathershield emulsion an approved make and colour	m ²	223	204	85	45,492	18,955	quotation
	For Architectural Equipment							
TP 6- 68	Supply all small power complete	Item	Sum	140,625	58,991	140,625	58,991	quotation
TP 6- 69	Supply all Lighting complete	Item	Sum	618,750	259,560	618,750	259,560	quotation
TP 6- 70	Supply all Telephone complete	Item	Sum	16,875	7,078	16,875	7,078	quotation
Total of page BOQ - 101 to TP 6 Bill Summary						1,711,356	716,173	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 6: Construction of Clear Water Pump Station

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 6- 71	Supply all Lightning Protection complete	Item	Sum	56,250	23,596	56,250	23,596	quotation
TP 6- 72	Install all small power complete	Item	Sum	84,375	35,394	84,375	35,394	quotation
TP 6- 73	Install all Lighting complete	Item	Sum	112,500	47,192	112,500	47,192	quotation
TP 6- 74	Install all Telephone complete	Item	Sum	3,375	1,415	3,375	1,415	quotation
TP 6- 75	Install all Lightning Protection complete	Item	Sum	45,000	18,877	45,000	18,877	quotation
Total of page BOQ - 102 to TP 6 Bill Summary						301,500	126,474	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done. <u>Excavation and Earthwork</u>							
TP 7 - 1	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	14	257	107	3,598	1,498	quotation
	<u>Filling</u>							
TP 7 - 2	Excavate from borrow pits, within or outside premises with selected fill material, transport and fill under floors in compacted layers not exceeding 150mm.	m ³	445	372	156	165,540	69,420	quotation
	<u>Piles</u>							
TP 7 - 3	Bored Piles 450mm dia.	m	18	6,750	2,831	121,500	50,958	quotation
TP 7 - 4	Bored Piles 600mm dia.	m	561	7,312	3,067	4,102,032	1,720,587	quotation
TP 7 - 5	Load testing of piles 450mm dia	Nr	1	281,250	117,982	281,250	117,982	quotation
TP 7 - 6	Load testing of piles 600mm dia	Nr	5	281,250	117,982	1,406,250	589,910	quotation
	<u>Disposal of Water</u>							
TP 7 - 7	Allow sum for disposal of surface water	Item	Sum	15,187	6,370	15,187	6,370	quotation
Total of page BOQ - 103 to TP 7 Bill Summary						6,095,357	2,556,725	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 7 - 8	<p><u>Termite Treatment</u></p> <p>Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall</p> <p><u>Concrete Work</u></p> <p>Furnish, place, compact and cure cement concrete Grade 15 laid within forms in:</p>	Item	Sum	202,500	84,947	202,500	84,947	quotation
TP 7 - 9	<p>a) Concrete filling on RCC slab above ground floor level.</p> <p>Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:</p>	m ³	71	5,152	2,161	365,792	153,431	quotation
TP 7 - 10	a) Pile caps	m ³	8	6,093	2,555	48,744	20,440	quotation
TP 7 - 11	b) Tie beams	m ³	18	6,093	2,555	109,674	45,990	quotation
TP 7 - 12	c) Neutralization Tank slab & walls	m ³	5	6,093	2,555	30,465	12,775	quotation
TP 7 - 13	<p>Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:</p> <p>a) Plinth beams & Ground floor slabs</p>	m ³	214	6,282	2,635	1,344,348	563,890	quotation
TP 7 - 14	b) Walls and columns and stairways	m ³	118	6,282	2,635	741,276	310,930	quotation
Total of page BOQ - 104 to TP 7 Bill Summary						2,842,799	1,192,403	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 7- 15	c) Beams, slabs & lintols	m ³	153	6,356	2,666	972,468	407,898	quotation
TP 7- 16	d) Portal frames and roof beams	m ³	32	6,750	2,831	216,000	90,592	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
TP 7- 17	a) Pile caps	m ²	43	562	235	24,166	10,105	quotation
TP 7- 18	b) Tie beams	m ²	163	450	188	73,350	30,644	quotation
TP 7- 19	c) Neutralization Tank slab & walls	m ²	9	450	188	4,050	1,692	quotation
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
TP 7- 20	a) Plinth beams & Ground floor slabs	m ²	568	506	212	287,408	120,416	quotation
TP 7- 21	b) Walls and columns and stairways	m ²	1,044	506	212	528,264	221,328	quotation
TP 7- 22	c) Beams, slabs & lintols	m ²	963	506	212	487,278	204,156	quotation
TP 7- 23	d) Portal frames and roof beams	m ²	330	562	235	185,460	77,550	quotation
	<u>Reinforcement</u>							
TP 7- 24	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	5,323	49	20	260,827	106,460	quotation
Total of page BOQ - 105 to TP 7 Bill Summary						3,039,271	1,270,841	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 7- 25	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete Miscellaneous	kg	79,905	50	20	3,995,250	1,598,100	quotation
TP 7- 26	Furnish, place, compact and cure, 2500mm wide grade 25 concrete ramp with granolithic finish. Rate shall include for formwork, BR 5 steel mesh, forming 95% compacted earth base, and forming a mastic filler construction joint and edge protection as per detail drawing.	m	9	6,525	2,737	58,725	24,633	quotation
TP 7- 27	Furnish and place 500 x 350mm curb as per detail drawing. Rate shall include for R/F, Formwork. Masonry Work	Nr	19	3,937	1,651	74,803	31,369	quotation
TP 7- 28	Random rubble masonry in cement and sand 1:5 using 150mm to 225mm size broken stone in foundations.	m ³	14	2,559	1,073	35,826	15,022	quotation
TP 7- 29	300mm thick brick fin walls in cement and sand 1:5 above ground floor level	m ²	230	1,112	466	255,760	107,180	quotation
TP 7- 30	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level Water Proofing Payment will be made on the nett measured area of polythene without allowance for lapping	m ²	769	834	349	641,346	268,381	quotation
Total of page BOQ - 106 to TP 7 Bill Summary						5,061,710	2,044,685	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 7- 31	Provide vapour barrier comprising 1000g polythene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm	m ²	630	39	16	24,570	10,080	quotation
TP 7- 32	Water Proofing in inside the tank "VANDEX" or equivalent as per specification.	m ²	351	956	401	335,556	140,751	quotation
TP 7- 33	Supply and fix PVC water bar.	m	66	1,687	707	111,342	46,662	quotation
	<u>Structural Metal Work</u>							
	Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section.							
	Rate shall include for treating with two coats of anticorrosive paint where necessary.							
	Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.							
	Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.							
	Fabricating and erecting framed structures.							
TP 7- 34	Galvernized "C" channel purlin of size 150 x 50x 6mm thick fixed to portal frame as per detail drawings.	m	918	686	287	629,748	263,466	quotation
TP 7- 35	Crain rail as per detail	m	90	5,062	2,123	455,580	191,070	quotation
Total of page BOQ - 107 to TP 7 Bill Summary						1,556,796	652,029	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All aluminium sections to be powder coated anodized and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.</p> <p>Aluminium doors</p>							
TP 7- 36	Door type D1 size 2000x2100mm with Aluminium framed 20 guage colour bonded aluminium sheet with 5mm plywood backing and 5mm thick clear float glass double sash door.	Nr	1	33,350	13,990	33,350	13,990	quotation
TP 7- 37	Door type D8 size 2000 x 2100mm with aluminium framed 20 guage colour bonded aluminium sheet with 5mm plywood backing 5mm thick clear float glass double sash door (Glass blocks measured separately).	Nr	1	33,350	13,990	33,350	13,990	quotation
TP 7- 38	Door type D8a size 2000 x 2100mm with aluminium framed 20 guage colour bonded aluminium sheet with 5mm plywood backing 5mm thick clear float glass double sash door (Glass blocks measured separately).	Nr	1	33,350	13,990	33,350	13,990	quotation
TP 7- 39	Door type D3 size 1500x2100mm with Alluminium framed 20 guage colour bonded aluminium sheet and 5mm thick clear float glass double sash door.	Nr	2	25,013	10,492	50,026	20,984	quotation
TP 7- 40	Glazed door type D7 size 900x2100mm with Alluminium framed 5mm thick both side PVC coated plywood sheet and 5mm thick clear float glass single sash door.	Nr	1	14,916	6,257	14,916	6,257	quotation
Total of page BOQ - 108 to TP 7 Bill Summary						164,992	69,211	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 7- 41	Door type RS1 size 4700x4000mm, power operated alluminium roller shutter door	Nr	1	174,375	73,148	174,375	73,148	quotation
	Aluminium Windows							
TP 7- 42	Window type W1 size 1800x1200mm aluminium framed 5mm thick clear float glass three sashes openable window.	Nr	3	14,580	6,116	43,740	18,348	quotation
TP 7- 43	Window type W2 fixed paneled size 1800x1200mm aluminium framed 5mm thick clear float glass three sashes openable window.	Nr	2	9,843	4,129	19,686	8,258	quotation
	Fixed Fan Lights							
TP 7- 44	Fixed glass type FG1 size 5725x1750mm aluminium framed 5mm thick clear float glass 5 sash fixed panels with aluminium louvers above.	Nr	2	26,680	11,192	53,360	22,384	quotation
TP 7- 45	Fixed glass type FG2 size 4700x1750mm aluminium framed 5mm thick clear float glass three sash fixed panel with aluminium louvers above.	Nr	14	21,903	9,188	306,642	128,632	quotation
TP 7- 46	Fixed glass type FG3 size 3700x1750mm alluminium framed 5mm thick clear float glass 3 sash fixed panels with aluminium louvers above.	Nr	1	17,242	7,232	17,242	7,232	quotation
TP 7- 47	Fixed glass type FG4 size 4700x750mm alluminium framed 5mm clear float glass 4 sash fixed panels with aluminium louvers above.	Nr	7	10,069	4,223	70,483	29,561	quotation
Total of page BOQ - 109 to TP 7 Bill Summary						685,528	287,563	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Handrails							
TP 7- 48	Furnish, fabricate and install 1100mm high GI handrail type " R3" as per detail drawing. Rate shall include for applying two coats of anti corrosive paint and spray	m	12	4,059	1,702	48,708	20,424	quotation
	Miscellaneous							
TP 7- 49	Furnish and fix 190mmx190mm glass blocks as per the specification.	m ²	26	8,437	3,539	219,362	92,014	quotation
TP 7- 50	Fixed glass type FG4a size 4000x750mm aluminium framed 2 aluminium louver panels and 01 glass block panel window (glass block measured separately)	Nr	2	11,812	4,955	23,624	9,910	quotation
TP 7- 51	Fixed glass type FG4b size 4200x750mm aluminium framed 2 aluminium louver panels and 01 glass block panel window (glass block measured separately)	Nr	1	12,403	5,202	12,403	5,202	quotation
TP 7- 52	Aluminium framed PVC coated plywood sheet Hatch door size 900 x 1550mm	Nr	1	11,812	4,955	11,812	4,955	quotation
	Plain Openings							
TP 7- 53	Plain opening type OP4 size 692 x 750mm.	Nr	2	1,012	424	2,024	848	quotation
TP 7- 54	Plain opening type OP8 size 591 x 591mm	Nr	2	843	353	1,686	706	quotation
TP 7- 55	Plain opening type OP9 size 4892 x 750mm.	Nr	5	5,062	2,123	25,310	10,615	quotation
Total of page BOQ - 110 to TP 7 Bill Summary						344,929	144,674	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Wood Work</u>							
TP 7- 56	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, matt finish of grey colour to the hardwood	m	130	405	169	52,650	21,970	quotation
	<u>Roof Covering</u>							
TP 7- 57	Furnish and lay 2 layers of half round clay tiles on corrugated asbestos cement sheets roof cover pitch 20 degrees, fixed to steel framework inclusive of J bolts nuts,sealing washers etc. as per detail drawing.	m ²	938	1,264	530	1,185,632	497,140	quotation
TP 7- 58	Furnish and fix half round ridge/hip tile with cement mortar. Rate shall include for laying 300mm wide tar sheet.	m	68	405	169	27,540	11,492	quotation
TP 7- 59	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	938	241	101	226,058	94,738	quotation
	<u>Roof Plumbing</u>							
TP 7- 60	Furnish and install 110 mm diameter Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	174	3,937	1,651	685,038	287,274	quotation
TP 7- 61	Furnish and install Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	130	2,812	1,179	365,560	153,270	quotation
	<u>Wall/Floor/Ceiling Finishes</u>							
Total of page BOQ - 111 to TP 7 Bill Summary						2,542,478	1,065,884	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 7- 62	Power floated smooth concrete floor and Tank walls finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed	m ²	999	483	202	482,517	201,798	quotation
TP 7- 63	Power floated smooth concrete floor and Tank walls finished with 2mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	313	438	183	137,094	57,279	quotation
TP 7- 64	Power floated finish to concrete floor in ramp	m ²	24	302	126	7,248	3,024	quotation
TP 7- 65	Render 20mm thick 1:3 cement and sand finished smooth with grey cement floor.	m ²	308	281	117	86,548	36,036	quotation
TP 7- 66	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished smooth with neat cement float & applied with two coats of epoxy paint.	m ²	354	387	162	136,998	57,348	quotation
TP 7- 67	Plaster 16mm thick in cement, lime and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat as depicted in Specification.	m ²	836	508	213	424,688	178,068	quotation
TP 7- 68	Plaster sides and soffits of slabs, beams, stairways and portal frames with 5 mm thick skim coat after grooving and levelling any visible joints as depicted in Specification.	m ²	1,179	362	151	426,798	178,029	quotation
TP 7- 69	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough	m ²	1,144	205	85	234,520	97,240	quotation
TP 7- 70	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement	m ²	104	302	126	31,408	13,104	quotation
Total of page BOQ - 112 to TP 7 Bill Summary						1,967,819	821,926	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 7- 71	20mm x 100mm 1:5 cement sand skirting finished with neat cement float and 2 coats of epoxy paint colour as directed.	m	70	331	138	23,170	9,660	quotation
TP 7- 72	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and steel purlins as per detail drawing	m ²	134	1,089	456	145,926	61,104	quotation
TP 7- 73	Forming 16mm thick "V" groove as per detail drawing	m	135	28	11	3,780	1,485	quotation
	<u>Painting</u>							
TP 7- 74	Prepare internal walls, columns, beams and slab surfaces and paint with one coat of an approved primer and two coats of emulsion paint of an approved make and colour	m ²	2,373	180	75	427,140	177,975	quotation
TP 7- 75	Prepare external faces of walls and columns painted with in one coat of an approved primer and two coats of weathershield emulsion of an approved make and colour	m ²	1,144	191	80	218,504	91,520	quotation
TP 7- 76	Prepare underside of asbestos free fibre cement board ceiling at eaves and painted with two coats of weathershield emulsion of an approved make and colour	m ²	134	204	85	27,336	11,390	quotation
	<u>Miscellaneous</u>							
TP 7- 77	Supply & fix removable chain type R5 as per detail drawing. Supply & fix grating to detail drawing.	m	4	5,906	2,477	23,624	9,908	quotation
TP 7- 79	a) Type G1	Nr	2	9,150	3,838	18,300	7,676	quotation
Total of page BOQ - 113 to TP 7 Bill Summary						887,780	370,718	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 7- 80	b) Type G2	Nr	1	6,971	2,924	6,274	2,632	quotation
TP 7- 81	Supply & fix stainless steel access ladder	Nr	1	19,188	8,049	17,269	7,244	quotation
TP 7- 82	Supply & fix chequered plate man hole cover to detail drawing	Nr	1	5,625	2,359	5,063	2,123	quotation
TP 7- 83	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,370	15,187	6,370	quotation
TP 7- 84	Testing and Commissioning	Item	Sum	15,187	6,370	15,187	6,370	quotation
	For Architectural Equipment							
TP 7- 85	Supply ventilation systems complete	Item	Sum	337,500	141,578	337,500	141,578	quotation
TP 7- 86	Supply all small power complete	Item	Sum	84,375	35,394	84,375	35,394	quotation
TP 7- 87	Supply all Lighting complete	Item	Sum	433,125	181,692	433,125	181,692	quotation
TP 7- 88	Supply all Telephone complete	Item	Sum	16,875	7,078	16,875	7,078	quotation
TP 7- 89	Supply all Lightning Protection complete	Item	Sum	56,250	23,596	56,250	23,596	quotation
Total of page BOQ - 114 to TP 7 Bill Summary						987,105	414,077	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 7: Construction of Chemical Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 7- 90	Install ventilation systems complete	Item	Sum	78,750	33,034	78,750	33,034	quotation
TP 7- 91	Install all small power complete	Item	Sum	28,125	11,798	28,125	11,798	quotation
TP 7- 92	Install all Lighting complete	Item	Sum	45,000	18,877	45,000	18,877	quotation
TP 7- 93	Install all Telephone complete	Item	Sum	3,375	1,415	3,375	1,415	quotation
TP 7- 94	Install all Lightning Protection complete	Item	Sum	39,375	16,517	39,375	16,517	quotation
Total of page BOQ - 115 to TP 7 Bill Summary						194,625	81,641	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 8: Construction of Backwash Water Recovery Facility

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Excavation and Earthwork</u>							
TP 8 - 1	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	1,736	257	107	446,152	185,752	quotation
TP 8 - 2	Planking and strutting to sites of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	847	450	188	381,150	159,236	quotation
TP 8 - 3	Allow for dewatering of pit	Item	Sum	50,625	21,236	50,625	21,236	quotation
	<u>For substructure</u>							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete Grade 15 laid within forms in:							
TP 8 - 4	a) Screed of base slab	m ³	57	5,152	2,161	293,664	123,177	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
TP 8 - 5	a) Base slab	m ³	234	6,637	2,784	1,553,058	651,456	quotation
TP 8 - 6	b) Walls	m ³	459	6,750	2,831	3,098,250	1,299,429	quotation
TP 8 - 7	c) Stair case	m ³	3	6,750	2,831	20,250	8,493	quotation
Total of page BOQ - 116 to TP 8 Bill Summary						5,843,149	2,448,779	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 8: Construction of Backwash Water Recovery Facility

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete:							
TP 8 - 8	a) Sides and soffits of slabs & beams	m ²	52	421	176	21,892	9,152	quotation
TP 8 - 9	b) Sides of walls	m ²	1,372	450	188	617,400	257,936	quotation
TP 8- 10	c) Sides and soffits of staircase	m ²	14	450	188	6,300	2,632	quotation
	<u>Reinforcement</u>							
TP 8- 11	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	180	50,625	21,236	9,112,500	3,822,480	quotation
	<u>Water Proofing</u>							
TP 8- 12	Furnish, prepare and apply water proofing to the surface area to be water proofed in walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	716	956	401	684,496	287,116	quotation
	<u>Miscellaneous</u>							
TP 8- 13	Supply & fix stainless steel ladder to detail drawing							
TP 8- 14	a) 2000 mm long	Nr	4	14,760	6,191	59,040	24,764	quotation
Total of page BOQ - 117 to TP 8 Bill Summary						10,501,628	4,404,080	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 8: Construction of Backwash Water Recovery Facility

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 8- 15	Supply & fix Machine Hatch cast iron grating size 2000 x 1500 mm	Nr	1	15,187	6,370	15,187	6,370	quotation
TP 8- 16	Supply & fix manhole covers	Nr	2	8,437	3,539	16,874	7,078	quotation
TP 8- 17	Stainless steel Handrail Type R3	m	15	6,642	2,786	99,630	41,790	quotation
TP 8- 18	Allow for all vents and necessary connections etc.	Item	Sum	202,500	84,947	202,500	84,947	quotation
TP 8- 19	Supply & fix PVC water bar	m	297	1,687	707	501,039	209,979	quotation
TP 8- 20	Testing and Commissioning	Item	Sum	101,250	42,473	101,250	42,473	quotation
	For superstructure							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
TP 8- 21	a) Columns	m ³	3	6,282	2,635	18,846	7,905	quotation
TP 8- 22	b) Beams, slabs & lintols	m ³	27	6,356	2,666	171,612	71,982	quotation
TP 8- 23	c) Portal frames and roof beams	m ³	8	6,750	2,831	54,000	22,648	quotation
Total of page BOQ - 118 to TP 8 Bill Summary						1,180,938	495,172	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 8: Construction of Backwash Water Recovery Facility

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
TP 8- 24	a) Columns	m ²	41	506	212	20,746	8,692	quotation
TP 8- 25	b) Beams, slabs & lintols	m ²	145	506	212	73,370	30,740	quotation
TP 8- 26	c) Portal frames and roof beams	m ²	90	562	235	50,580	21,150	quotation
	<u>Reinforcement</u>							
TP 8- 27	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	378	49	20	18,522	7,560	quotation
TP 8- 28	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	4,286	50	20	214,300	85,720	quotation
	<u>Miscellaneous</u>							
	Construction of RCC manhole as per detail drawing							
TP 8- 29	a) MH6 (1000mm x 1000mm)	Nr	1	28,125	11,798	28,125	11,798	quotation
	<u>Masonry Work</u>							
TP 8- 30	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	117	834	349	97,578	40,833	quotation
Total of page BOQ - 119 to TP 8 Bill Summary						503,221	206,493	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 8: Construction of Backwash Water Recovery Facility

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All alluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded alluminium sheets as specified.</p> <p>Aluminium doors</p>							
TP 8- 31	Door type D3a size 2000x2100mm with Aluminium framed 20 guage colour bonded aluminium sheet with 5mm plywood backing and 5mm thick clear float glass double sash door.	Nr	1	33,350	13,990	33,350	13,990	quotation
	<p>Aluminium Windows</p>							
TP 8- 32	Window type W1 size 3075 x 1700mm alluminium framed 5mm thick clear float glass three sash top hung windows with alluminium louvers and 5mm thick fixed clear float glass above	Nr	5	27,336	11,467	136,680	57,335	quotation
	<p>Fixed Fan Lights</p>							
TP 8- 33	Fixed glass type FG5 size 600x600mm alluminium framed 5mm thick clear float glass single sash fixed panel.	Nr	7	1,542	646	10,794	4,522	quotation
Total of page BOQ - 120 to TP 8 Bill Summary						180,824	75,847	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 8: Construction of Backwash Water Recovery Facility

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 8- 35	Handrails Furnish, fabricate and install 1100mm high GI handrail type " R3" as per detail drawing. Rate shall include for applying two coats of anti corrosive paint and spray painted with two coats of enamel paint.	m	21	4,059	1,702	85,239	35,742	quotation
TP 8- 37	Fix 190mm x 190mm furnish and glass blocks as per specification.	m ²	2	8,437	3,539	16,874	7,078	quotation
	<u>Structural Metal Work</u> Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section. Rate shall include for treating with two coats of anticorrosive paint where necessary. Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing. Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc. Fabricating and erecting framed structures.							
TP 8- 38	Galvernized "C" channel galvernized purlin of size 125 x 50x 6mm thick fixed to portal frame as per detail drawings.	m	148	590	247	87,320	36,556	quotation
TP 8- 39	Hoist rail as per detail drawing	m	13	5,062	2,123	65,806	27,599	quotation
Total of page BOQ - 121 to TP 8 Bill Summary						255,239	106,975	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 8: Construction of Backwash Water Recovery Facility

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Wood Work</u>							
TP 8- 40	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint to an approved colour.	m	46	405	169	18,630	7,774	quotation
	<u>Roof Covering</u>							
TP 8- 41	Furnish and lay 2 layers of half round clay tiles on corrugated asbestos cement sheets roof cover pitch 20 degrees, fixed to steel framework inclusive of J bolts nuts, sealing washers etc. as per detail drawing.	m ²	136	1,264	530	171,904	72,080	quotation
TP 8- 42	Furnish and fix half round ridge/hip tile with cement mortar. Rate shall include for laying 300mm wide tar sheet.	m	27	405	169	10,935	4,563	quotation
TP 8- 43	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	136	241	101	32,776	13,736	quotation
	<u>Roof Plumbing</u>							
TP 8- 44	Furnish and install 50mm x 70mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	22	3,937	1,651	86,614	36,322	quotation
TP 8- 45	Furnish and install 470 mm girth Zn/Aluminium gutter of complete with brackets, end caps, running heads and fixing clips etc.	m	46	2,812	1,179	129,352	54,234	quotation
	<u>Wall/Floor/Ceiling Finishes</u>							
Total of page BOQ - 122 to TP 8 Bill Summary						450,211	188,709	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 8: Construction of Backwash Water Recovery Facility

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 8- 46	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed	m ²	72	483	202	34,776	14,544	quotation
TP 8- 47	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat as depicted in Specification.	m ²	130	508	213	66,040	27,690	quotation
TP 8- 48	Plaster sides and soffits of slabs, beams, stairways and portal frames with 5 mm thick skim coat after grinding and levelling any visible joints as depicted in Specification.	m ²	90	362	151	32,580	13,590	quotation
TP 8- 49	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough	m ²	221	205	85	45,305	18,785	quotation
TP 8- 50	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement	m ²	54	302	126	16,308	6,804	quotation
TP 8- 51	20mm x 100mm 1:5 cement sand skirting finished with neat cement float and 2 coats of epoxy paint colour as directed.	m	36	331	138	11,916	4,968	quotation
TP 8- 52	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and steel purlins as per detail drawing	m ²	31	1,089	456	33,759	14,136	quotation
	<u>Painting</u>							
TP 8- 53	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	208	180	75	37,440	15,600	quotation
Total of page BOQ - 123 to TP 8 Bill Summary						278,124	116,117	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 8: Construction of Backwash Water Recovery Facility

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP 8- 54	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour	m ²	230	191	80	43,930	18,400	quotation
TP 8- 55	Prepare underside of asbestos free fibre cement board ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour	m ²	31	204	85	6,324	2,635	quotation
For Architectural Equipment								
TP 8- 56	Supply all small power complete	Item	Sum	73,125	30,675	73,125	30,675	quotation
TP 8- 57	Supply all Lighting complete	Item	Sum	225,000	94,385	225,000	94,385	quotation
TP 8- 58	Supply all Telephone complete	Item	Sum	16,875	7,078	16,875	7,078	quotation
TP 8- 59	Supply all Lightning Protection complete	Item	Sum	45,000	18,877	45,000	18,877	quotation
TP 8- 60	Install all small power complete	Item	Sum	28,125	11,798	28,125	11,798	quotation
TP 8- 61	Install all Lighting complete	Item	Sum	39,375	16,517	39,375	16,517	quotation
TP 8- 62	Install all Telephone complete	Item	Sum	3,375	1,415	3,375	1,415	quotation
TP 8- 63	Install all Lightning Protection complete	Item	Sum	33,750	14,157	33,750	14,157	quotation
Total of page BOQ - 124 to TP 8 Bill Summary						514,879	215,937	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 9: Construction of Electrical Substation/Generator Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.</p> <p>Note: These items are all included in BILL No.TP 6: Construction of Clear Water Pump Station.</p>			including	including	including	including	
Total of page BOQ - 125 to TP 9 Bill Summary						including	including	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 10: Construction of Administration Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Excavation and Earthwork</u>							
TP10 - 1	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation trenches upto depth 2000mm return spoil for refill compacted in layers not exceeding 150mm; The rate shall include for side supports in trenches and for dewatering wherever necessary.	m ³	99	257	107	25,443	10,593	quotation
TP10 - 2	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation pits, upto depth 2000mm return spoil for refill compacted in layers not exceeding 150mm; The rate shall include for side supports in pits and for dewatering wherever necessary.	m ³	195	337	141	65,715	27,495	quotation
	<u>Filling</u>							
TP10 - 3	Excavate from borrow pits, within or outside premises with selected fill material, transport and fill under floors in compacted layers not exceeding 150mm.	m ³	374	372	156	139,128	58,344	quotation
	<u>Disposal of Water</u>							
TP10 - 4	Allow sum for disposal of surface water	Item	Sum	50,625	21,236	50,625	21,236	quotation
	<u>Termite Treatment</u>							
Total of page BOQ - 126 to TP 10 Bill Summary						280,911	117,668	

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10 - 5	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	117,660	49,357	117,660	49,357	quotation
	<u>Piles</u>							
TP10 - 6	Bored Piles 450mm dia.	m	16	6,750	2,831	108,000	45,296	quotation
TP10 - 7	Bored Piles 600mm dia.	m	154	7,312	3,067	1,126,048	472,318	quotation
TP10 - 8	Load testing of piles 450mm dia	Nr	1	281,250	117,982	281,250	117,982	quotation
TP10 - 9	Load testing of piles 600mm dia	Nr	4	281,250	117,982	1,125,000	471,928	quotation
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:							
TP10- 10	a) Pile caps	m ³	4	6,093	2,555	24,372	10,220	quotation
TP10- 11	b) Foundation beams, walls and stairways	m ³	34	6,093	2,555	207,162	86,870	quotation
TP10- 12	c) Ground floor slab	m ³	84	6,093	2,555	511,812	214,620	quotation
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
Total of page BOQ - 127 to TP 10 Bill Summary						3,501,304	1,468,591	

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 13	a) Walls and columns / stairways	m ³	17	6,282	2,635	106,794	44,795	quotation
TP10- 14	b) Beams, slabs & lintols	m ³	89	6,356	2,666	565,684	237,274	quotation
TP10- 15	c) Portal frames and roof beams	m ³	21	6,750	2,831	141,750	59,451	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
TP10- 16	a) Pile caps	m ²	34	562	235	19,108	7,990	quotation
TP10- 17	b) Foundation beams, walls and stairways	m ²	198	450	188	89,100	37,224	quotation
TP10- 18	c) Ground floor slab & beams	m ²	432	450	188	194,400	81,216	quotation
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
TP10- 19	a) Walls and Columns	m ²	189	506	212	95,634	40,068	quotation
TP10- 20	b) Beams, slabs, Lintols & Stairways	m ²	670	506	212	339,020	142,040	quotation
TP10- 21	c) Portal frames & roof beams	m ²	223	562	235	125,326	52,405	quotation
	<u>Reinforcement</u>							
Total of page BOQ - 128 to TP 10 Bill Summary						1,676,816	702,463	

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 22	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	2,385	49	20	116,865	47,700	quotation
TP10- 23	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	29,331	50	20	1,466,550	586,620	quotation
	Miscellaneous							
	Forming undercounter vanity basin top of the sizes specified hereinunder as per detail drawing. Rate shall include for concrete, reinforcement, formwork and granite finish.							
TP10- 24	(a) Vanity counter of size 1650 x 725 mm	Nr	4	5,040	2,114	20,160	8,456	quotation
TP10- 25	Forming concrete work top for kitchen sink of size 2175 x 500 mm as per detail drawing. Rate shall include for concrete, formwork, reinforcement and granite	Nr	2	9,135	3,832	18,270	7,664	quotation
TP10- 26	Furnish and place 225 x 100 mm concrete kerb. Rate shall include for reinforcement and formwork.	m	17	787	330	13,379	5,610	quotation
TP10- 27	75 mm thick grade 25 concrete weather canopy as per detail drawing. Rate shall include for necessary formwork and reinforcement	m	51	2,812	1,179	143,412	60,129	quotation
TP10- 28	Construction of RCC man hole as per detail drawing. MH7 (600mm x 1000mm)	m	1	140,625	58,991	140,625	58,991	quotation
Total of page BOQ - 129 to TP 10 Bill Summary						1,919,261	775,170	

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				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 29	Construction of RCC step 300mm wide as per detail drawing. Rate shall include for R/F form work etc.	m	5	1,125	471	5,625	2,355	quotation
	<u>Masonry Work</u>							
TP10- 30	300mm thick brick fin walls in cement and sand 1:5 above ground floor level	m ²	112	1,112	466	124,544	52,192	quotation
TP10- 31	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	553	834	349	461,202	192,997	quotation
TP10- 32	Half brick (112.5 mm thick) walls in cement and sand 1:5 above ground floor level	m ²	32	517	216	16,544	6,912	quotation
	<u>Miscellaneous</u>							
TP10- 33	Built in shelves of 5mm thick clear glass panels at 300mm c/c up to height of 1900mm as per detail drawing.	Nr	2	5,173	2,170	10,346	4,340	quotation
	<u>Water Proofing</u>							
TP10- 34	Provide vapour barrier comprising 1000g polythene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm.	m ²	433	39	16	16,887	6,928	quotation
Total of page BOQ - 130 to TP 10 Bill Summary						635,148	265,724	

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 35	Payment will be made on the nett measured area of polythene without allowance for lapping. Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	25	956	401	23,900	10,025	quotation
TP10- 36	Furnish, prepare and lay water proofing membrane, with a protective screed as per specifications on flat roof area <u>Structural Metal Work</u> Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section. Rate shall include for treating with two coats of anticorrosive paint where necessary. Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing. Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.	m ²	127	1,518	636	192,786	80,772	quotation
Total of page BOQ - 131 to TP 10 Bill Summary						216,686	90,797	

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Fabricating and erecting framed structures.							
TP10- 37	Galvanized "C" channel purlin of size 125 x 50x 3mm thick fixed to portal frame as per detail drawings.	m	544	590	247	320,960	134,368	quotation
TP10- 38	Construct raised access floor of 600x600mm Galvanized steel plate and props as per the detail drawing.	m ²	66	3,026	1,269	199,716	83,754	quotation
	<u>Metal Work</u>							
	Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings							
	All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.							
	Aluminium mosquito netting fixed to all aluminium louver panels by magnets internally.							
	<u>Aluminium doors</u>							
TP10- 39	Door type DW1 size 4700x2700mm powder coated aluminium framed 5mm thick clear float glass and aluminium louver panels on either sides with 1800x2700mm clear float glass double sash door.	Nr	1	71,743	30,095	71,743	30,095	quotation
Total of page BOQ - 132 to TP 10 Bill Summary						592,419	248,217	

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 40	Door type D7 size 900x2100mm powder coated aluminium framed 5mm thick both side PVC coated plywood sheet both side and 5mm thick clear float glass single sash door.	Nr	1	9,225	3,869	9,225	3,869	quotation
TP10- 41	Door type D9 size 800x2100mm powder coated aluminium framed 5mm thick both side PVC coated plywood sheet both sides single sash door.	Nr	5	8,133	3,411	40,665	17,055	quotation
TP10- 42	Door type D11 size 900x2700mm aluminium framed 20 gauge colour bonded aluminium sheet and 5mm thick float glass single sash door with glazed fanlight above.	Nr	2	19,118	8,019	38,236	16,038	quotation
TP10- 43	Door type D12 size 1500x2700mm aluminium framed 20 gauge colour bonded aluminium sheet and 5mm thick float glass double sash door with glazed fanlight above.	Nr	3	31,865	13,367	95,595	40,101	quotation
TP10- 44	Door type D13 size 1500x2100mm powder coated aluminium framed 5mm thick both side PVC coated plywood sheet and 5mm thick clear float glass double sash door.	Nr	2	24,860	10,428	49,720	20,856	quotation
TP10- 45	Door type D14 size 900x2100mm powder coated aluminium framed and 5mm thick PVC coated plywood sheet both sides single sash door.	Nr	4	14,870	6,237	59,480	24,948	quotation
TP10- 46	Door type SD1 size 600x1950mm with powder coated aluminium framed and gauge 20 colour bonded aluminium sheet two sash sliding door.	Nr	2	9,913	4,158	19,826	8,316	quotation
TP10- 47	Door type HD1 size 600x1500mm aluminium framed 20 gauge colour bonded aluminium sheet single sash hatch door.	Nr	1	7,080	2,970	7,080	2,970	quotation
	Fixed Fan Lights							
Total of page BOQ - 133 to TP 10 Bill Summary						319,827	134,153	

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 48	Fixed glass type FG5 size 600x600mm powder coated aluminium framed and 5mm thick clear float glass single sash fixed panel.	Nr	2	1,542	646	3,084	1,292	quotation
TP10- 49	Fixed glass type FG8 size 4700x2050mm powder coated aluminium framed and 5mm thick clear float glass nine sash fixed panel with aluminium louvers on either side.	Nr	1	44,409	18,629	44,409	18,629	quotation
	<u>Aluminium Window</u>							
TP10- 50	Window type W4 size 4700x1600mm powder coated aluminium framed 5mm thick clear float glass 3 sash top hung windows with 5mm thick fixed glass above and aluminium louver panels on either side backed with aluminium mosquito net.	Nr	11	53,212	22,322	585,332	245,542	quotation
TP10- 51	Window type W4a size 4700x1600mm powder coated aluminium framed 5mm thick clear float glass 3 sash top hung windows, with 5mm thick fixed glass above and aluminium louver panels on either side and backed with 5mm thick clear glass panels.	Nr	8	30,453	12,774	243,624	102,192	quotation
	<u>Fan Lights</u>							
TP10- 52	Fan light type F1 size 600 x 600 mm powder coated aluminium framed, top hung glazed fanlight with 5mm thick clear float glass.	Nr	7	1,687	707	11,809	4,949	quotation
	<u>Partitions</u>							
TP10- 53	Partition type P6 size 4700 x 2750 mm aluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass with 900mm wide door.	Nr	2	46,937	19,689	93,874	39,378	quotation
Total of page BOQ - 134 to TP 10 Bill Summary						982,132	411,982	

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 54	Partition type P7 size 4700 x 2750 mm aluminium framed partition with 5mm thick PVC coated plywood sheet both side and 5mm thick clear float glass and with 900mm wide door.	Nr	2	58,430	24,510	116,860	49,020	quotation
TP10- 55	Partition type P8 size 4735 x 2750mm Alluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass with 900mm wide door.	Nr	1	58,829	24,678	58,829	24,678	quotation
TP10- 56	Partition type P9 size 6735 x 2650 mm aluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass	Nr	1	64,861	27,208	64,861	27,208	quotation
TP10- 57	Partition type P10 size 1735 x 2650 mm aluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass with 900mm wide door.	Nr	1	27,821	11,670	27,821	11,670	quotation
TP10- 58	Partition type P11 size 7775x2650mm aluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass and with two 900mm wide doors.	Nr	1	93,754	39,329	93,754	39,329	quotation
TP10- 59	Partition type P12 size 4835x2650mm aluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass.	Nr	2	46,577	19,538	93,154	39,076	quotation
TP10- 60	Partition type P13 size 6835x3100mm aluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass and with two 900mm wide doors.	Nr	1	102,916	43,172	102,916	43,172	quotation
Total of page BOQ - 135 to TP 10 Bill Summary						558,195	234,153	

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ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 61	Partition type P14 size 4835x3100 mm aluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass.	Nr	1	54,430	22,832	54,430	22,832	quotation
TP10- 62	Partition type P15 size 6735x3100 mm aluminium framed partition with 5mm thick both side PVC coated plywood sheet both sides and 5mm thick clear float glass and with 900mm wide door	Nr	1	85,698	35,949	85,698	35,949	quotation
TP10- 63	Partition type P16 size 4735x3100mm aluminium framed 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass.	Nr	2	53,303	22,360	106,606	44,720	quotation
	Handrails							
	Furnish, fabricate and install 900mm high GI handrail as per detail drawing. Rate shall include for applying two coats of anti corrosive paint and spray painted with two coats of enamel paint.							
TP10- 64	a) Type R2	m	7	3,321	1,393	23,247	9,751	quotation
	Furnish, fabricate and install 1100mm high GI handrail as per detail drawing. Rate shall include for applying two coats of anti corrosive paint and spray painted with two coats of enamel paint.							
TP10- 65	a) Type R2	m	21	4,059	1,702	85,239	35,742	quotation
TP10- 66	b) Type R3	m	5	4,059	1,702	20,295	8,510	quotation
TP10- 67	c) Type R4	m	3	4,797	2,012	14,391	6,036	quotation
Total of page BOQ - 136 to TP 10 Bill Summary						389,906	163,540	

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				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Phenolic Partitions</u>							
TP10- 68	Nylon framed phenolic sheet partition of size 1400 x 2100 mm as per detail drawing	Nr	4	16,014	6,717	64,056	26,868	quotation
TP10- 69	Nylon framed phenolic sheet partition of size 1800 x 2100 mm with two doors of size 800 x 1950mm as per detail drawing	Nr	2	38,530	16,163	77,060	32,326	quotation
TP10- 70	Nylon framed phenolic sheet partition of size 1900 x 2100 mm with two doors of size 800 x 1950 mm as per detail drawing	Nr	2	41,983	17,611	83,966	35,222	quotation
	<u>Plain Openings</u>							
TP10- 71	Formong plain opening type OP1 size 500 x 750mm	Nr	1	562	235	562	235	quotation
	<u>Wood Work</u>							
TP10- 72	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint to an approved colour and make.	m	139	405	169	56,295	23,491	quotation
	<u>Roof Covering</u>							
TP10- 73	Furnish and lay two layers of half round clay tiles on corrugated asbestos cement sheets roof cover pitch 20 degrees, fixed to steel framework inclusive of "J" bolts nuts,sealing washers etc. as per detail drawing.	m ²	423	1,264	530	534,672	224,190	quotation
Total of page BOQ - 137 to TP 10 Bill Summary						816,611	342,332	

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				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 74	Furnish and lay one layer of half round clay tiles on corrugated asbestos cement sheets on weather canopy roof slab as per detail drawing. Rate shall include for "J" bolts nuts, sealing washers etc. as per detail drawing.	m ²	51	423	177	21,573	9,027	quotation
TP10- 75	Furnish and fix half round ridge/hip tile with cement mortar. Rate shall include for laying 300mm wide tar sheet.	m	47	405	169	19,035	7,943	quotation
TP10- 76	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	423	241	101	101,943	42,723	quotation
	<u>Roof Plumbing</u>							
TP10- 77	Furnish and install 100 x 100mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	118	3,937	1,651	464,566	194,818	quotation
TP10- 78	Furnish and install 470mm girth Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	87	2,812	1,179	244,644	102,573	quotation
	<u>Wall/Floor/Ceiling Finishes</u>							
TP10- 79	Furnish and fix 150x150mm terra-cotta tiles with 50mm wide grey cement screed border over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	84	1,089	456	91,476	38,304	quotation
Total of page BOQ - 138 to TP 10 Bill Summary						943,237	395,388	

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				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 80	Power floated finish to concrete floor in ramp.	m ²	25	302	126	7,550	3,150	quotation
TP10- 81	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mmx300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles	m ²	590	3,442	1,443	2,030,780	851,370	quotation
TP10- 82	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mmx200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles	m ²	43	3,110	1,304	133,730	56,072	quotation
TP10- 83	Furnish and fix glazed ceramic wall tiles size 200mm x 200mm with 16mm thick 1:3 cement sand bed and fill in joints with grout of matching colour.	m ²	99	1,210	507	119,790	50,193	quotation
TP10- 84	Furnish and install vinyl floor tiles to approval. Laid to manufacturers specification.	m ²	66	1,687	707	111,342	46,662	quotation
TP10- 85	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat as depicted in Specification.	m ²	976	508	213	495,808	207,888	quotation
TP10- 86	Plaster sides and soffits of slabs, beams, stairways and portal frames with 5 mm thick skim coat after grinding and levelling any visible joints as depicted in Specification.	m ²	544	362	151	196,928	82,144	quotation
Total of page BOQ - 139 to TP 10 Bill Summary						3,095,928	1,297,479	

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				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 87	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough	m ²	650	205	85	133,250	55,250	quotation
TP10- 88	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement	m ²	86	302	126	25,972	10,836	quotation
TP10- 89	20mm x 100mm 1:5 cement sand skirting finished with neat cement float and 2 coats of epoxy paint colour as directed.	m	45	331	138	14,895	6,210	quotation
TP10- 90	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	259	369	154	95,571	39,886	quotation
TP10- 91	Furnish and install 100mm high vinyl skirting to approval. All as per detail drawing.	m	22	168	70	3,696	1,540	quotation
TP10- 92	Furnish and fix 600 x 600mm, 16mm thick mineral fibre ceiling panels on suspended powder coated aluminium frame work as per detail drawing	m ²	279	1,451	608	404,829	169,632	quotation
TP10- 93	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	91	1,149	481	104,559	43,771	quotation
TP10- 94	Furnish and fix 6mm thick Asbestos free fibre cement board sloping ceiling fixed to steel frame work and steel purlins as per detail drawing	m ²	102	1,089	456	111,078	46,512	quotation
Total of page BOQ - 140 to TP 10 Bill Summary						893,850	373,637	

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				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10- 95	Forming 150mm wide 20mm thick plaster band as per detail drawing.	m	90	645	270	58,050	24,300	quotation
	<u>Painting</u>							
TP10- 96	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	1,521	180	75	273,780	114,075	quotation
TP10- 97	Prepare underside of asbestos free fibre cement sheet flat ceiling, painted with in two coats of emulsion paint an approved make and colour	m ²	91	191	80	17,381	7,280	quotation
TP10- 98	Prepare external faces of walls and columns, painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour	m ²	649	204	85	132,396	55,165	quotation
TP10- 99	Prepare underside of asbestos free fibre cement board sloping ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour	m ²	102	204	85	20,808	8,670	quotation
	<u>W - Drainage</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	A - Waste Water Disposal System							
Total of page BOQ - 141 to TP 10 Bill Summary						502,415	209,490	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 10: Construction of Administration Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
TP10-100	(a) Nominal 90mm dia.pipes	m	7	562	235	3,934	1,645	quotation
TP10-101	(b) Nominal 75mm dia.pipes	m	4	421	176	1,684	704	quotation
TP10-102	© Nominal 50mm dia. pipes	m	39	309	129	12,051	5,031	quotation
TP10-103	(d) Nominal 40mm dia.pipes	m	18	281	117	5,058	2,106	quotation
	Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order							
TP10-104	a) 90mm x 50mm swept junction	Nr	2	675	283	1,350	566	quotation
TP10-105	b) 90mm x 75mm reducing socket	Nr	1	843	353	843	353	quotation
TP10-106	c) 75mm dia. short bend 87.5 ⁰	Nr	1	900	377	900	377	quotation
	Furnish and install pipe ancillaries and connect to perfect working order							
TP10-107	150mm x 50mm PVC trapped floor gully 50mm sealed depth as per detail drawing	Nr	10	1,125	471	11,250	4,710	quotation
Total of page BOQ - 142 to TP 10 Bill Summary						37,070	15,492	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 10: Construction of Administration Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	B - Sewerage Disposal System							
	Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of Quantities.							
TP10-108	a) Nominal 160mm dia. pipes	m	6	1,462	613	8,772	3,678	quotation
TP10-109	b) Nominal 110mm dia. pipes	m	14	1,237	518	17,318	7,252	quotation
	Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.							
TP10-110	a) 160mm dia. Plain Y Junction	Nr	2	1,575	660	3,150	1,320	quotation
TP10-111	b) 110mm dia. Plain Y Junction	Nr	4	1,350	566	5,400	2,264	quotation
TP10-112	c) 110mm dia. short bend 87.5 ⁰	Nr	9	562	235	5,058	2,115	quotation
TP10-113	d) 110mm dia. Plain Y junction with back door	Nr	1	1,687	707	1,687	707	quotation
TP10-114	e) 160mm dia. 90 deg. long radius inspection bend	Nr	1	1,687	707	1,687	707	quotation
TP10-115	f) 160mm x 110mm reducing socket	Nr	4	1,125	471	4,500	1,884	quotation
TP10-116	g) 160mm x 90mm reducing socket	Nr	1	1,350	566	1,350	566	quotation
TP10-117	h) 90 mm dia. Short bend 87.5 ⁰	Nr	4	1,068	448	4,272	1,792	quotation
Total of page BOQ - 143 to TP 10 Bill Summary						53,194	22,285	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 10: Construction of Administration Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10-118	i) 160 mm dia. Short bend 87.5°	Nr	1	1,237	518	1,237	518	quotation
TP10-119	Construct Inspection Chamber 900mm x 670mm in cement concrete as per detail drawing.	Nr	2	11,250	4,719	22,500	9,438	quotation
TP10-120	Construct 450mm x 450mm Grease gully as per detail drawing.	Nr	1	8,437	3,539	8,437	3,539	quotation
TP10-121	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing.	Nr	2	8,437	3,539	16,874	7,078	quotation
TP10-122	Construct reinforced cement concrete septic tank for 30 persons as per standard detail drawing.	Nr	1	253,125	106,183	253,125	106,183	quotation
TP10-123	Construct soakage pit for 20 persons as per standard detail drawing.	Nr	1	56,250	23,596	56,250	23,596	quotation
TP10-124	Test and commission waste water and Sewerage Disposal System	Item	Sum	25,312	10,618	25,312	10,618	quotation
<u>Q - Plumbing/Sanitary Installations</u>								
<u>Cold Water Supply System</u>								
Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.								
Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.								
Total of page BOQ - 144 to TP 10 Bill Summary						383,735	160,970	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 10: Construction of Administration Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10-125	Nominal 20mm dia.pipes	m	26	168	70	4,368	1,820	quotation
TP10-126	Nominal 25mm dia.pipes	m	16	253	106	4,048	1,696	quotation
TP10-127	Nominal 32mm dia. pipes	m	15	281	117	4,215	1,755	quotation
TP10-128	Nominal 40mm dia.pipes	m	15	292	122	4,380	1,830	quotation
	Furnish and install pipe fixtures and fittings and connect to perfect working order							
TP10-129	a) Chromium plated 20mm dia brass angle valve	Nr	25	1,068	448	26,700	11,200	quotation
TP10-130	b) Chromium plated 25mm dia. brass stop valve	Nr	1	1,518	636	1,518	636	quotation
TP10-131	c) Chromium plated 32mm dia. brass stop valve	Nr	4	1,687	707	6,748	2,828	quotation
	<u>Sanitary Installations</u>							
	Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.							
TP10-132	a)Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap all complete to working order	Nr	7	16,875	7,078	118,125	49,546	quotation
TP10-133	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" traps, connector etc all complete to working order	Nr	7	20,250	8,494	141,750	59,458	quotation
Total of page BOQ - 145 to TP 10 Bill Summary						311,852	130,769	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 10: Construction of Administration Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10-134	c) Chromium plated brass hand spray	Nr	7	1,687	707	11,809	4,949	quotation
TP10-135	d) 20mm dia. Chromium plated brass bib tap.	Nr	4	843	353	3,372	1,412	quotation
TP10-136	e)300mm long Flexible hose "fixnol" or approved equivalent for 20mm pipes	Nr	19	1,068	448	20,292	8,512	quotation
TP10-137	f) Chromium plated toilet paper holder	Nr	7	2,812	1,179	19,684	8,253	quotation
TP10-138	g) Chromium plated brass soap holder	Nr	4	1,125	471	4,500	1,884	quotation
TP10-139	h) Bevilled edge frameless mirror 400mmx600mm	Nr	7	2,812	1,179	19,684	8,253	quotation
TP10-140	i) Chromium plated towel rail 600mm long	Nr	4	1,687	707	6,748	2,828	quotation
TP10-141	j) Set of 03 bowl urinals with high level 9.0 litre capacity automatic flushing cistern with associated seperators,waste outlet, bottle traps, flush pipes and spreaders all complete to working order.	Nr	2	33,750	14,157	67,500	28,314	quotation
TP10-142	k) Stainless steel, non magnetic, non corrosive, kitchen sink, minimum size of 1000x500mm single bowl, single draining board including 12mm dia. Chromium plated pillar tap with swival spout completed with bottle trap and accessories to perfect working order.	Nr	2	5,625	2,359	11,250	4,718	quotation
TP10-143	Test and Commission Water Supply System	Item	Sum	25,312	10,618	25,312	10,618	quotation
For Architectural Equipment								
TP10-144	Supply all small power complete	Item	Sum	225,000	94,385	225,000	94,385	quotation
TP10-145	Supply all Lighting complete	Item	Sum	506,250	212,367	506,250	212,367	quotation
Total of page BOQ - 146 to TP 10 Bill Summary						921,401	386,493	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 10: Construction of Administration Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP10-146	Supply all Telephone complete	Item	Sum	1,237,500	519,121	1,237,500	519,121	quotation
TP10-147	Supply all Air conditioning complete	Item	Sum	900,000	377,542	900,000	377,542	quotation
TP10-148	Supply all Lightning Protection complete	Item	Sum	84,375	35,394	84,375	35,394	quotation
TP10-149	Install all small power complete	Item	Sum	56,250	23,596	56,250	23,596	quotation
TP10-150	Install all Lighting complete	Item	Sum	84,375	35,394	84,375	35,394	quotation
TP10-151	Install all Telephone complete	Item	Sum	112,500	47,192	112,500	47,192	quotation
TP10-152	Install all Air conditioning complete	Item	Sum	112,500	47,192	112,500	47,192	quotation
TP10-153	Install all Lightning Protection complete	Item	Sum	39,375	16,517	39,375	16,517	quotation
Total of page BOQ - 147 to TP 10 Bill Summary						2,626,875	1,101,948	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Excavation and Earthwork</u>							
TP11 - 1	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation trenches up to depth 2000mm return spoil for refill compacted in layers not exceeding 150mm.	m ³	74	257	107	19,018	7,918	quotation
TP11 - 2	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation pits, up to depth 2000mm return spoil for refill compacted in layers not exceeding 150mm.	m ³	97	337	141	32,689	13,677	quotation
	<u>Filling</u>							
TP11 - 3	Excavate from borrow pits, within or outside premises with selected fill material, transport and fill under floors in compacted layers not exceeding 150mm.	m ³	264	372	156	98,208	41,184	quotation
	<u>Disposal of Water</u>							
TP11 - 4	Allow sum for disposal of surface water	Item	Sum	50,625	21,236	50,625	21,236	quotation
	<u>Termite Treatment</u>							
TP11 - 5	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	98,212	41,199	98,212	41,199	quotation
Total of page BOQ - 148 to TP 11 Bill Summary						298,752	125,214	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Concrete Work							
	Furnish, place, compact and cure cement concrete Grade 15 laid within forms in:							
TP11 - 6	a) 50mm thick screed in foundation trenches and pits	m ²	92	257	107	23,644	9,844	quotation
TP11 - 7	b) In foundation beams and walls	m ³	18	5,152	2,161	92,736	38,898	quotation
TP11 - 8	c) 75mm thick at ground floor slab	m ²	112	387	162	43,344	18,144	quotation
	Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:							
TP11 - 9	a) Foundation beams, walls and stairways	m ³	10	6,093	2,555	60,930	25,550	quotation
TP11- 10	b) Column bases and stems	m ³	31	6,093	2,555	188,883	79,205	quotation
TP11- 11	c) Ground floor slab & beams	m ³	41	6,093	2,555	249,813	104,755	quotation
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
TP11- 12	a) Walls and columns / stairways	m ³	33	6,282	2,635	207,306	86,955	quotation
TP11- 13	b) Beams, slabs & lintols	m ³	31	6,356	2,666	197,036	82,646	quotation
TP11- 14	c) Portal frames and roof beams	m ³	22	6,750	2,831	148,500	62,282	quotation
	Formwork							
Total of page BOQ - 149 to TP 11 Bill Summary						1,212,192	508,279	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
TP11- 15	a) Foundation beams, walls and stairways	m ²	153	450	188	68,850	28,764	quotation
TP11- 16	b) Sides of column bases and stems	m ²	126	450	188	56,700	23,688	quotation
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
TP11- 17	a) Walls and Columns	m ²	389	506	212	196,834	82,468	quotation
TP11- 18	b) Beams, slabs, Lintols & Stairways	m ²	339	506	212	171,534	71,868	quotation
TP11- 19	c) Portal frames & roof beams	m ²	241	562	235	135,442	56,635	quotation
	<u>Reinforcement</u>							
TP11- 20	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	2,316	49	20	113,484	46,320	quotation
TP11- 21	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	13,356	50	20	667,800	267,120	quotation
	<u>Miscellaneous</u>							
	Forming undercounter vanity basin top of the sizes specified hereinunder as per detail drawing. Rate shall include for concrete, reinforcement, formwork and granite finish.							
Total of page BOQ - 150 to TP 11 Bill Summary						1,410,644	576,863	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 22	(a) Vanity counter of size 2000 x 525 mm	Nr	1	5,040	2,114	5,040	2,114	quotation
TP11- 23	(b) Vanity counter of size 2000 x 700 mm	Nr	1	7,034	2,950	7,034	2,950	quotation
TP11- 24	(a) Vanity counter of size 1500 x 700 mm	Nr	1	5,040	2,114	5,040	2,114	quotation
TP11- 25	(a) Vanity counter of size 750 x 600 mm	Nr	1	2,261	948	2,261	948	quotation
TP11- 26	Forming concrete work top for kitchen sink of size 1300 x 500 mm as per detail drawing. Rate shall include for concrete, formwork, reinforcement and granite	Nr	1	5,460	2,290	5,460	2,290	quotation
TP11- 27	Furnish, place, compact and cure, 2500mm wide grade 25 concrete ramp with granolithic finish.Rate shall include for formwork, BR 5 steel mesh, forming 95% compacted earth base, and forming a mastic filler construction joint and edge protection as per detail drawings.	m	36	6,525	2,737	234,900	98,532	quotation
TP11- 28	Furnish and place 225 x 100 mm concrete kerb. Rate shall include for reinforcement and formwork.	m	24	787	330	18,888	7,920	quotation
TP11- 29	Furnish and place 700 x 350mm corble at 5500mm from Finish floor level as per detail drawing. Rate shall include for R/F, Formwork and Finishes.	Nr	27	3,937	1,651	106,299	44,577	quotation
TP11- 30	75 mm thick grade 25 concrete weather canopy as per detail drawing. Rate shall include for necessary formwork and reinforcement	m	29	2,812	1,179	81,548	34,191	quotation
Masonry Work								
Total of page BOQ - 151 to TP 11 Bill Summary						466,470	195,636	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 31	Random rubble masonry in cement and sand 1:5 using 150mm to 225mm size broken stone in foundations.	m ³	39	2,559	1,073	99,801	41,847	quotation
TP11- 32	300mm thick brick fin walls in cement and sand 1:5 above ground floor level	m ²	135	1,112	466	150,120	62,910	quotation
TP11- 33	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	435	834	349	362,790	151,815	quotation
TP11- 34	Half brick (112.5 mm thick) walls in cement and sand 1:5 above ground floor level	m ²	45	517	216	23,265	9,720	quotation
	<u>Miscellaneous</u>							
TP11- 35	Built in shelves of 5mm thick clear glass panels at 300mm c/c up to height of 1900mm as per detail drawing.	Nr	1	5,173	2,170	5,173	2,170	quotation
	<u>Water Proofing</u>							
TP11- 36	Provide damp proof course on top of foundations comprising 20mm thick 1:3 cement, sand screed finished with two coats of hot asphalt/DPC tar and blinded with sand	m ²	90	266	111	23,940	9,990	quotation
TP11- 37	Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm.	m ²	526	39	16	20,514	8,416	quotation
Total of page BOQ - 152 to TP 11 Bill Summary						685,603	286,868	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 38	<p>Payment will be made on the nett measured area of polythene without allowance for lapping.</p> <p>Furnish, prepare and apply water proofing to the surface area to be water proofed in walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".</p> <p><u>Structual Metal Work</u></p> <p>Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section.</p> <p>Rate shall include for treating with two coats of anticorrosive paint where necessary.</p> <p>Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.</p> <p>Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.</p> <p>Fabricating and erecting framed structures.</p>	m ²	14	956	401	13,384	5,614	quotation
TP11- 39	Galvernized "C" channel purlin of size 180 x 75 x 7mm thick fixed to portal frame as per detail drawings.	m	726	1,687	707	1,224,762	513,282	quotation
Total of page BOQ - 153 to TP 11 Bill Summary						1,238,146	518,896	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 40	Crane rail as per detail drawing. <u>Miscellaneous</u>	m	97	9,843	4,129	954,771	400,513	quotation
TP11- 41	Furnish and fix 2000mm high, 04 Nos. 75 x 75x 6mm G.I. angle iron buffers to each column. Rate shall include for Anchoring and painting as per detail drawing. <u>Metal Work</u> Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets with 5mm thick plywood backing as specified. Aluminium doors	Nr	10	11,250	4,719	112,500	47,190	quotation
TP11- 42	Door type D2 size 900x2100mm with Aluminium framed 20 guage colour bonded aluminium sheet with 5mm thick plywood backing and 5mm thick clear float glass single sash door.	Nr	3	13,269	5,566	39,807	16,698	quotation
TP11- 43	Door type D3 size 1500x2100mm with Alluminium framed 20 gauge colour bonded aluminium sheet with 5mm plywood backing double sash door.	Nr	3	22,113	9,276	66,339	27,828	quotation
Total of page BOQ - 154 to TP 11 Bill Summary						1,173,417	492,229	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 44	Door type D9 size 800x2100mm powder coated alluminium framed 5mm thick PVC coated plywood sheets on both sides single sash door.	Nr	4	13,218	5,544	52,872	22,176	quotation
TP11- 45	Door type SD1 size 600x1950mm with Alluminium framed gauge 20 colour bonded alluminium sheet two sash sliding door.	Nr	2	9,913	4,158	19,826	8,316	quotation
TP11- 46	Door type RS2 size 5000x4000 mm, manual operated colour bonded alluminium roller shutter door.	Nr	3	145,260	60,935	435,780	182,805	quotation
TP11- 47	Door type RS3 size 3500 x 4000mm, manual operated colour bonded alluminium roller shutter door.	Nr	1	101,682	42,654	101,682	42,654	quotation
	Aluminium Windows							
TP11- 48	Window type W5 size 3600 x 1700mm alluminium framed 5mm clear float glass 3 sash top hung glazed window with alluminium louvers and 5mm thick float clear fixed glass above	Nr	4	32,002	13,424	128,008	53,696	quotation
	Fixed Fan Lights							
TP11- 49	Fixed glass type FG7 size 5000x900mm alluminium framed, 5mm thick clear float glass four sash flush panels with aluminium louvers on either side.	Nr	5	12,855	5,392	64,275	26,960	quotation
TP11- 50	Fixed glass type FG5 size 600x600mm alluminium framed, 5mm thick clear float glass single sash fixed panel.	Nr	5	1,524	639	7,620	3,195	quotation
	Fan Lights							
Total of page BOQ - 155 to TP 11 Bill Summary						810,063	339,802	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 51	Fan light type F1 size 600 x 600 mm powder coated aluminium framed, top hung glazed fanlight with 5mm thick clear float glass.	Nr	18	1,524	639	27,432	11,502	quotation
	Partitions							
TP11-52	Partition type P1 size 2700 x 2850 mm aluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass with 900mm wide door.	Nr	1	32,407	13,594	32,407	13,594	quotation
TP11-53	Partition type P2 size 2700 x 2850 mm aluminium framed partition with 5mm thick PVC coated plywood sheet both sides and 5mm thick clear float glass.	Nr	1	21,610	9,065	21,610	9,065	quotation
TP11-54	Partition type P3 size 9050 x 2600mm aluminium framed partition with 5mm thick PVC coated plywood sheet both side and 5mm thick clear float glass with 2 Nos. 900mm wide door.	Nr	1	77,061	32,326	77,061	32,326	quotation
TP11-55	Partition type P4 size 2450 x 2600 mm aluminium framed partition with 5mm thick PVC coated plywood sheet both side and 5mm thick clear float glass.	Nr	2	17,887	7,503	35,774	15,006	quotation
TP11-56	Partition type P5 size 3775 x 2600 mm aluminium framed partition with 5mm thick PVC coated plywood sheet both side and 5mm thick clear float glass	Nr	1	27,562	11,562	27,562	11,562	quotation
	Handrails							
TP11-57	Furnish, fabricate and install 1100mm high GI handrail type " R1" as per detail drawing. Rate shall include for applying two coats of anti corrosive paint and spray painted with two coats of enamel paint.	m	24	4,059	1,702	97,416	40,848	quotation
	Miscellaneous							
Total of page BOQ - 156 to TP 11 Bill Summary						319,262	133,903	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Phenolic Partitions							
TP11- 58	Nylon framed phenolic sheet partition of size 1300 x 2100 mm as per detail drawing	Nr	1	16,014	6,717	16,014	6,717	quotation
TP11- 59	Nylon framed phenolic sheet partition of size 1100x2100mm as per detail drawing.	Nr	1	12,583	5,278	12,583	5,278	quotation
TP11- 60	Nylon framed phenolic sheet partition of size 2000 x 2100 mm with two doors of size 800 x 1950 as per detail drawing	Nr	1	26,661	11,184	26,661	11,184	quotation
TP11- 61	Nylon framed phenolic sheet partition of size 1300 x 2100 mm with a door of size 800 x 1950 mm as per detail drawing	Nr	1	23,841	10,001	23,841	10,001	quotation
TP11- 62	Nylon framed phenolic sheet partition of size 2500 x 2100 mm with two doors of size 800 x 1950 mm as per detail drawing	Nr	1	37,567	15,759	37,567	15,759	quotation
	Wood Work							
TP11- 63	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply of one coat of Aluminium sealer and two coats of enamel paint to an approved colour and make.	m	111	405	169	44,955	18,759	quotation
	Roof Covering							
TP11- 64	Furnish and lay 2 layers of half round clay tiles on corrugated asbestos cement sheets roof cover pitch 20 degrees, fixed to steel framework inclusive of J bolts nuts,sealing washers etc. as per detail drawing.	m ²	751	1,264	530	949,264	398,030	quotation
Total of page BOQ - 157 to TP 11 Bill Summary						1,110,885	465,728	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 65	Furnish and lay one layer of round clay tiles on corrugated asbestos cement sheets on weather canopy roof slab as per detail drawing. Rate shall include for "J" bolts nuts,sealing washers etc. as per detail drawing.	m ²	29	423	177	12,267	5,133	quotation
TP11- 66	Furnish and fix half round ridge/hip tile with cement mortar. Rate shall include for laying 300mm wide tar sheet.	m	59	405	169	23,895	9,971	quotation
TP11- 67	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	751	241	101	180,991	75,851	quotation
	<u>Roof Plumbing</u>							
TP11- 68	Furnish and install 100x100mm Zinc/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	136	3,937	1,651	535,432	224,536	quotation
TP11- 69	Furnish and install 470mm girth Zinc/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	111	2,812	1,179	312,132	130,869	quotation
	<u>Painting</u>							
TP11- 70	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	945	180	75	170,100	70,875	quotation
Total of page BOQ - 158 to TP 11 Bill Summary						1,234,817	517,235	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 71	Prepare underside of asbestos free fibre cement sheet flat ceiling painted with two coats of emulsion paint an approved make and colour	m ²	22	191	80	4,202	1,760	quotation
TP11- 72	Prepare underside of asbestos free fibre cement sheet sloping ceiling painted with two coats of emulsion paint an approved make and colour	m ²	609	204	85	124,236	51,765	quotation
TP11- 73	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour	m ²	756	204	85	154,224	64,260	quotation
	<u>Wall/Floor/Ceiling Finishes</u>							
TP11- 74	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed	m ²	485	483	202	234,255	97,970	quotation
TP11- 75	Power floated finish to concrete floor in ramp.	m ²	90	302	126	27,180	11,340	quotation
TP11- 76	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mmx300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles	m ²	140	3,442	1,443	481,880	202,020	quotation
TP11- 77	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mm x 200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles	m ²	47	3,110	1,304	146,170	61,288	quotation
Total of page BOQ - 159 to TP 11 Bill Summary						1,172,147	490,403	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 78	Furnish and fix glazed ceramic wall tiles size 200mm x 200mm with 16mm thick 1:3 cement sand bed and fill in joints with grout of matching colour.	m ²	101	1,210	507	122,210	51,207	quotation
TP11- 79	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns finished smooth with neat cement float & applied with two coats of epoxy paint.	m ²	168	387	162	65,016	27,216	quotation
TP11- 80	Plaster 16mm thick in cement sand 1:5 to internal faces of walls and columns, finished with 2-3mm thick skim coat as depicted in Specification.	m ²	571	508	213	290,068	121,623	quotation
TP11- 81	Plaster sides and soffits of slabs, beams, stairways and portal frames with 5 mm thick skim coat after grinding and levelling any visible joints as depicted in Specification.	m ²	373	362	151	135,026	56,323	quotation
TP11- 82	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough	m ²	756	205	85	154,980	64,260	quotation
TP11- 83	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement	m ²	61	302	126	18,422	7,686	quotation
TP11- 84	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	39	369	154	14,391	6,006	quotation
TP11- 85	Furnish and fix 600 x 600mm, 16mm thick mineral fibre ceiling panels on suspended powder coated aluminium frame work as per detail drawing	m ²	112	1,451	608	162,512	68,096	quotation
Total of page BOQ - 160 to TP 11 Bill Summary						962,625	402,417	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 86	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	22	1,149	481	25,278	10,582	quotation
TP11- 87	Furnish and fix 6mm thick Asbestos free fibre cement board sloping ceiling fixed to steel frame work and steel purlins as per detail drawing	m ²	609	1,089	456	663,201	277,704	quotation
TP11- 88	Forming 16mm thick "V" groove as per detail drawing	m	54	28	11	1,512	594	quotation
	<u>Q - Plumbing/Sanitary Installations</u>							
	<u>Cold Water Supply System</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
TP11- 89	Nominal 20mm dia.pipes	m	26	168	70	4,368	1,820	quotation
TP11- 90	Nominal 25mm dia.pipes	m	10	253	106	2,530	1,060	quotation
TP11- 91	Nominal 32mm dia. pipes	m	11	281	117	3,091	1,287	quotation
TP11- 92	Nominal 40mm dia.pipes	m	8	292	122	2,336	976	quotation
	Furnish and install pipe fixtures and fittings and connect to perfect working order							
Total of page BOQ - 161 to TP 11 Bill Summary						702,316	294,023	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11- 93	a) Chromium plated 20mm dia brass angle valve	Nr	15	1,068	448	16,020	6,720	quotation
TP11- 94	b) Chromium plated 25mm dia. brass stop valve	Nr	2	1,518	636	3,036	1,272	quotation
TP11- 95	c) Chromium plated 32mm dia. brass stop valve	Nr	2	1,687	707	3,374	1,414	quotation
	<u>Sanitary Installations</u> Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.							
TP11- 96	a)Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap, all complete to working order	Nr	5	16,875	7,078	84,375	35,390	quotation
TP11- 97	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" trap, connector etc all complete to working order	Nr	4	20,250	8,494	81,000	33,976	quotation
TP11- 98	c) Chromium plated brass hand spray	Nr	4	1,687	707	6,748	2,828	quotation
TP11- 99	d) 20mm dia. Chromium plated brass bib tap	Nr	4	843	353	3,372	1,412	quotation
TP11-100	e) 100mm dia. Chromium plated brass adjustable shower rose. All complete to working order	Nr	2	1,687	707	3,374	1,414	quotation
TP11-101	f) 300mm long Flexible hose "fixnol" or approved equivalent for 20mm pipes	Nr	11	1,068	448	11,748	4,928	quotation
TP11-102	g) Chromium plated toilet paper holder	Nr	4	2,812	1,179	11,248	4,716	quotation
Total of page BOQ - 162 to TP 11 Bill Summary						224,295	94,070	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11-103	h) Chromium plated brass soap holder	Nr	5	1,125	471	5,625	2,355	quotation
TP11-104	i) Bevelled edge frameless mirror 400mmx600mm	Nr	5	2,812	1,179	14,060	5,895	quotation
TP11-105	j) Chromium plated towel rail 600mm long	Nr	5	1,687	707	8,435	3,535	quotation
TP11-106	k) Set of 02 bowl urinals with high level 4.5 litre capacity automatic flushing cistern with associated separators,waste outlet, bottle traps, flush pipes and spreaders all complete to working order.	Nr	2	33,750	14,157	67,500	28,314	quotation
TP11-107	l) Stainless steel, non magnetic, non corrosive, kitchen sink, minimum size of 1000x500mm single bowl, single draining board including 12mm dia. Chromium plated pillar tap with swival spout completed with bottle trap and accessories to perfect working order.	Nr	1	5,625	2,359	5,625	2,359	quotation
TP11-108	Test and Commission Water Supply System	Item	Sum	25,312	10,618	25,312	10,618	quotation
	<u>W - Drainage</u> Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary. A - Waste Water Disposal System Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
Total of page BOQ - 163 to TP 11 Bill Summary						126,557	53,076	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11-109	(a) Nominal 90mm dia.pipes	m	7	562	235	3,934	1,645	quotation
TP11-110	(b) Nominal 75mm dia.pipes	m	4	421	176	1,684	704	quotation
TP11-111	(c) Nominal 50mm dia. pipes	m	20	309	129	6,180	2,580	quotation
TP11-112	(d) Nominal 40mm dia.pipes	m	25	281	117	7,025	2,925	quotation
	Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order							
TP11-113	a) 90mm x 50mm swept junction	Nr	2	675	283	1,350	566	quotation
TP11-114	b) 90mm x 75mm reducing socket	Nr	1	843	353	843	353	quotation
TP11-115	c) 75mm dia. short bend 87.5°	Nr	1	900	377	900	377	quotation
	Furnish and install pipe ancillaries and connect to perfect working order							
TP11-116	150mm x 150mm PVC trapped floor gully 50mm sealed depth as per detail drawing	Nr	6	1,125	471	6,750	2,826	quotation
	B - Sewerage Disposal System							
Total of page BOQ - 164 to TP 11 Bill Summary						28,666	11,976	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of Quantities.							
TP11-117	a) Nominal 160mm dia. pipes	m	6	1,462	613	8,772	3,678	quotation
TP11-118	b) Nominal 110mm dia. pipes	m	7	1,237	518	8,659	3,626	quotation
TP11-119	c) Nominal 90mm dia. pipes	m	4	1,125	471	4,500	1,884	quotation
	Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.							
TP11-120	a) 160mm dia. Plain Y Junction	Nr	2	1,575	660	3,150	1,320	quotation
TP11-121	b) 110mm dia. Plain Y Junction	Nr	2	1,350	566	2,700	1,132	quotation
TP11-122	c) 110mm dia. short bend 87.5 ⁰	Nr	4	562	235	2,248	940	quotation
TP11-123	d) 110mm dia. Plain Y junction with back door	Nr	2	1,687	707	3,374	1,414	quotation
TP11-124	e) 160mm dia. 90 deg. long radius inspection bend	Nr	1	1,687	707	1,687	707	quotation
TP11-125	f) 160mm x 110mm reducing socket	Nr	2	1,125	471	2,250	942	quotation
TP11-126	g) 160mm x 90mm reducing socket	Nr	1	1,350	566	1,350	566	quotation
Total of page BOQ - 165 to TP 11 Bill Summary						38,690	16,209	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 11: Construction of Maintenance Building

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP11-127	h) 90 mm dia. Short bend 87.5 ^o	Nr	1	1,068	448	1,068	448	quotation
TP11-128	i) 160 mm dia. Short bend 87.5 ^o	Nr	1	1,237	518	1,237	518	quotation
TP11-129	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing.	Nr	2	8,437	3,539	16,874	7,078	quotation
TP11-130	Construct reinforced concrete septic tank for 50 persons as per standard detail drawing.	Nr	1	316,406	132,729	316,406	132,729	quotation
TP11-131	Construct soakage pit for 25 persons, as per the standard detail drawing.	Nr	1	70,312	29,495	70,312	29,495	quotation
TP11-132	Test and commission waste water and Sewerage Disposal System	Item	Sum	30,375	12,742	30,375	12,742	quotation
Total of page BOQ - 166 to TP 11 Bill Summary						436,272	183,010	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.							
	<u>Excavation and Earthwork</u>							
TP12 - 1	Clearing site vegetation, bushes, shrubs, under growth hedge, trees and stump girth =<500mm	Item	Sum	25,312	10,618	25,312	10,618	quotation
TP12 - 2	Remove top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cart away debris off site.	m ²	135	28	11	3,780	1,485	quotation
TP12 - 3	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation trenches up to depth 2000mm return spoil for refill compacted in layers not exceeding 150mm.	m ³	21	298	125	6,258	2,625	quotation
	<u>Filling</u>							
TP12 - 4	Excavate from borrow pits, within or outside premises with selected fill material, transport and fill under floors in compacted layers not exceeding 150mm.	m ³	15	372	156	5,580	2,340	quotation
	<u>Disposal of Water</u>							
TP12 - 5	Allow sum for disposal of surface water	Item	Sum	25,312	10,618	25,312	10,618	quotation
	<u>Termite Treatment</u>							
TP12 - 6	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	43,795	18,371	43,795	18,371	quotation
Total of page BOQ - 167 to TP 12 Bill Summary						110,037	46,057	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Concrete Work							
	Furnish, place, compact and cure cement concrete Grade 15 laid within forms in:							
TP12 - 7	a) 75mm thick screed	m ²	36	257	107	9,252	3,852	quotation
TP12 - 8	b) Floor slab	m ³	4	5,152	2,161	20,608	8,644	quotation
	Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:							
TP12 - 9	a) Column bases and stems	m ³	1	6,093	2,555	6,093	2,555	quotation
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
TP12- 10	a) Lintols	m ³	3	6,356	2,666	19,068	7,998	quotation
	Formwork							
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
TP12- 11	a) Column bases and stems	m ²	6	450	188	2,700	1,128	quotation
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
TP12- 12	a) Lintols	m ²	33	506	212	16,698	6,996	quotation
Total of page BOQ - 168 to TP 12 Bill Summary						74,419	31,173	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Reinforcement</u>							
TP12- 13	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	62	49	20	3,038	1,240	quotation
TP12- 14	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	236	50	20	11,800	4,720	quotation
	<u>Miscellaneous</u>							
	Construction of RCC Manhole as per detail drawing							
TP12- 15	a) MH10 (600mm x 600mm)	Nr	1	5,625	2,359	5,625	2,359	quotation
TP12- 16	Construction of RCC power floated steps 500mm wide as per detail drawing. Rate shall include for R/F & formwork etc.	m	7	1,687	707	11,809	4,949	quotation
	<u>Masonry Work</u>							
TP12- 17	Random rubble masonry in cement and sand 1:5 using 150mm to 225mm size broken stone in foundations.	m ³	18	2,559	1,073	46,062	19,314	quotation
TP12- 18	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	13	834	349	10,842	4,537	quotation
	<u>Water Proofing</u>							
Total of page BOQ - 169 to TP 12 Bill Summary						89,176	37,119	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP12- 19	Provide damp proof course on top of foundations comprising 20mm thick 1:3 cement, sand screed finished with two coats of hot asphalt/DPC tar and blinded with sand	m ²	19	266	111	5,054	2,109	quotation
TP12- 20	Provide vapour barrier comprising 1000g polythene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm.	m ²	41	39	16	1,599	656	quotation
	<p><u>Structural Metal Work</u></p> <p>Tenderers are advised to refer to relevant preamble notes and drawings before pricing this work section.</p> <p>Rate shall include for treating with two coats of anticorrosive paint where necessary.</p> <p>Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.</p> <p>Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.</p> <p>Fabricating and erecting framed structures.</p>							
TP12- 21	Galvernized "C" channel purlin of size 125 x 50 x 6mm thick fixed to portal frame as per detail drawings.	m	102	590	247	60,180	25,194	quotation
TP12- 22	Hoist rail as per detail drawing.	m	10	5,062	2,123	50,620	21,230	quotation
Total of page BOQ - 170 to TP 12 Bill Summary						117,453	49,189	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All alluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded alluminium sheets with 5mm thick plywood backing as specified.</p> <p>Aluminium doors</p>							
TP12- 23	Door type D1 size 900x2700mm Aluminium framed 20 guage colour bonded aluminium sheet with 5mm thick plywood backing and 5mm thick clear float glass single sash door with aluminium louver above.	Nr	2	20,250	8,494	40,500	16,988	quotation
TP12- 24	Door type D2 size 800x2100mm Alluminium framed 5mm thick PVC coated plywood sheet (both side) single sash door.	Nr	1	13,217	5,544	13,217	5,544	quotation
TP12- 25	Door type D3 size 1200x2700mm alluminium framed 20 guage colour bonded aluminium sheet with 5mm plywood backing and 5mm thick clear float glass double sash door with aluminium louver above.	Nr	1	27,000	11,326	27,000	11,326	quotation
TP12- 26	Aluminium Windows							
TP12- 27	Window type W1 size 2000 x 1800mm alluminium framed 5mm thick clear float glass three sash windows with alluminium louvers above.	Nr	1	25,471	10,684	25,471	10,684	quotation
Total of page BOQ - 171 to TP 12 Bill Summary						106,188	44,542	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP12- 28	Window type W2 size 1200 x 1800mm alluminium framed 5mm thick clear float glass two sash windows with alluminium louvers above.	Nr	4	15,282	6,410	61,128	25,640	quotation
TP12- 29	Window type W3 size 900 x 1500mm alluminium framed 5mm thick clear float glass single sash windows with alluminium louvers above.	Nr	4	9,551	4,006	38,204	16,024	quotation
	<u>Wood Work</u>							
TP12- 30	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply of one coat of Aluminium sealer and two coats of enamel paint to an approved colour and make.	m	21	405	169	8,505	3,549	quotation
	<u>Roof Frame/Covering</u>							
TP12- 31	Furnish and lay 2 layers of half round clay tiles on corrugated asbestos roofing sheets including timber frame work as per detail drawing. Rate shall include for "j" bolts, nuts, sealing washers etc.	m ²	72	1,513	634	108,936	45,648	quotation
TP12- 32	Furnish and fix half round ridge/hip tile with cement mortar. Rate shall include for laying 300mm wide tar sheet.	m	10	405	169	4,050	1,690	quotation
TP12- 33	Furnish and lay double sided sisilation foil over BRC mesh as per detail drawing	m ²	72	241	101	17,352	7,272	quotation
	<u>Roof Plumbing</u>							
TP12- 34	Furnish and install 50x70mm Zinc/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	14	3,937	1,651	55,118	23,114	quotation
Total of page BOQ - 172 to TP 12 Bill Summary						293,293	122,937	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All alluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded alluminium sheets with 5mm thick plywood backing as specified.</p> <p>Aluminium doors</p>							
TP12- 23	Door type D1 size 900x2700mm Aluminium framed 20 guage colour bonded aluminium sheet with 5mm thick plywood backing and 5mm thick clear float glass single sash door with aluminium louver above.	Nr	2	20,250	8,494	40,500	16,988	quotation
TP12- 24	Door type D2 size 800x2100mm Alluminium framed 5mm thick PVC coated plywood sheet (both side) single sash door.	Nr	1	13,217	5,544	13,217	5,544	quotation
TP12- 25	Door type D3 size 1200x2700mm alluminium framed 20 gauge colour bonded aluminium sheet with 5mm plywood backing and 5mm thick clear float glass double sash door with aluminium louver above.	Nr	1	27,000	11,326	27,000	11,326	quotation
TP12- 26	Aluminium Windows							
TP12- 27	Window type W1 size 2000 x 1800mm alluminium framed 5mm thick clear float glass three sash windows with alluminium louvers above.	Nr	1	25,471	10,684	25,471	10,684	quotation
Total of page BOQ - 171 to TP 12 Bill Summary						106,188	44,542	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP12- 42	Furnish and fix glazed ceramic wall tiles size 200mm x 200mm with 16mm thick 1:3 cement sand bed and fill in joints with grout of matching colour.	m ²	10	1,210	507	12,100	5,070	quotation
TP12- 43	Plaster 16mm thick in cement sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat as depicted in Specification.	m ²	58	508	213	29,464	12,354	quotation
TP12- 44	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough.	m ²	77	205	85	15,785	6,545	quotation
TP12- 45	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement	m ²	12	302	126	3,624	1,512	quotation
TP12- 46	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	27	344	144	9,288	3,888	quotation
TP12- 47	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	33	1,149	481	37,917	15,873	quotation
TP12- 48	Furnish and fix 6mm thick Asbestos free fibre cement board sloping ceiling fixed to steel frame work and steel purlins as per detail drawing	m ²	28	1,089	456	30,492	12,768	quotation
Total of page BOQ - 174 to TP 12 Bill Summary						138,670	58,010	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p><u>Q - Plumbing/Sanitary Installations</u></p> <p><u>Cold Water Supply System</u></p> <p>Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.</p> <p>Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.</p>							
TP12- 49	Nominal 20mm dia.pipes	m	3	168	70	504	210	quotation
TP12- 50	Nominal 25mm dia.pipes	m	7	253	106	1,771	742	quotation
TP12- 51	Furnish and install pipe fixtures and fittings and connect to perfect working order							
TP12- 52	a) Chromium plated 20mm dia brass angle valve	Nr	3	1,068	448	3,204	1,344	quotation
TP12- 53	b) Chromium plated 25mm dia. brass stop valve	Nr	1	1,518	636	1,518	636	quotation
	<p><u>Sanitary Installations</u></p> <p>Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.</p>							
TP12- 54	a)Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap, all complete to working order	Nr	1	16,875	7,078	16,875	7,078	quotation
Total of page BOQ - 175 to TP 12 Bill Summary						23,872	10,010	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP12- 55	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" trap, connector etc all complete to working order	Nr	1	20,250	8,494	20,250	8,494	quotation
TP12- 56	c) Chromium plated brass hand spray	Nr	1	1,687	707	1,687	707	quotation
TP12- 57	d) 20mm dia. Chromium plated brass bib tap	Nr	1	843	353	843	353	quotation
TP12- 58	e) 300mm long Flexible hose "fixno" or approved equivalent for 20mm pipes	Nr	3	1,068	448	3,204	1,344	quotation
TP12- 59	f) Chromium plated toilet paper holder	Nr	1	2,812	1,179	2,812	1,179	quotation
TP12- 60	g) Chromium plated brass soap holder	Nr	1	1,125	471	1,125	471	quotation
TP12- 61	h) Bevelled edge frameless mirror 400mmx600mm	Nr	1	2,812	1,179	2,812	1,179	quotation
TP12- 62	i) Chromium plated towel rail 600mm long	Nr	1	1,687	707	1,687	707	quotation
TP12- 63	j) 100mm dia. Brass ajustable shower Rose	Nr	1	1,687	707	1,687	707	quotation
TP12- 64	Test and Commission Water Supply System	Item	Sum	10,125	4,247	10,125	4,247	quotation
	<u>W - Drainage</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	A - Waste Water Disposal System							
Total of page BOQ - 176 to TP 12 Bill Summary						46,232	19,388	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
TP12- 65	(a) Nominal 110mm dia.pipes	m	2	1,237	518	2,474	1,036	quotation
TP12- 66	(b) Nominal 50mm dia.pipes	m	3	309	129	927	387	quotation
TP12- 67	(c) Nominal 40mm dia. pipes	m	2	281	117	562	234	quotation
	Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order							
TP12- 68	a) 110mm x 50mm swept junction	Nr	1	843	353	843	353	quotation
TP12- 69	b) 50mm x 40mm reducing socket	Nr	2	506	212	1,012	424	quotation
TP12- 70	c) 110mm dia. short bend 87.5°	Nr	2	562	235	1,124	470	quotation
TP12- 71	d) 110mm media plain "Y" Junction	Nr	2	1,350	566	2,700	1,132	quotation
	Furnish and install pipe ancillaries and connect to perfect working order							
TP12- 72	150mm x 150mm PVC trapped floor gully 50mm sealed depth as per detail drawing	Nr	1	1,125	471	1,125	471	quotation
	B - Sewerage Disposal System							
	Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed seperately in the Bill of Quantities.							
TP12- 73	a) Nominal 160mm dia. pipes	m	6	1,462	613	8,772	3,678	quotation
TP12- 74	b) Nominal 110mm dia. pipes	m	7	1,237	518	8,659	3,626	quotation
Total of page BOQ - 177 to TP 12 Bill Summary						28,198	11,811	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 12: Construction of Guard House

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP12- 75	c) Nominal 90mm dia. pipes Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.	m	4	1,125	471	4,500	1,884	quotation
TP12- 76	a) 160mm dia. Plain Y Junction	Nr	2	1,575	660	3,150	1,320	quotation
TP12- 77	b) 110mm dia. Plain Y Junction	Nr	2	1,350	566	2,700	1,132	quotation
TP12- 78	c) 110mm dia. short bend 87.5 ⁰	Nr	4	562	235	2,248	940	quotation
TP12- 79	d) 110mm dia. Plain Y junction with back door	Nr	2	1,687	707	3,374	1,414	quotation
TP12- 80	e) 160mm dia. 90 deg. long radius inspection bend	Nr	1	1,687	707	1,687	707	quotation
TP12- 81	f) 160mm x 110mm reducing socket	Nr	2	1,125	471	2,250	942	quotation
TP12- 82	g) 160mm x 90mm reducing socket	Nr	1	1,350	566	1,350	566	quotation
TP12- 83	h) 90 mm dia. Short bend 87.5 ⁰	Nr	1	1,068	448	1,068	448	quotation
TP12- 84	i) 160 mm dia. Short bend 87.5 ⁰	Nr	1	1,237	518	1,237	518	quotation
TP12- 85	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing.	Nr	2	8,437	3,539	16,874	7,078	quotation
TP12- 86	Construct reinforced concrete septic tank for 50 persons as per standard detail drawing.	Nr	1	316,406	132,729	316,406	132,729	quotation
TP12- 87	Construct soakage pit for 25 persons, as per the standard detail drawing.	Nr	1	70,312	29,495	70,312	29,495	quotation
TP12- 88	Test and commission waste water and Sewerage Disposal System	Item	Sum	30,375	12,742	30,375	12,742	quotation
Total of page BOQ - 178 to TP 12 Bill Summary						457,531	191,915	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 13: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<p>Supply and Delivery at site all DI pipes and fittings including rubber rings, lubricant, gaskets, bolts & nuts, Denso primer, paste, protection tape and all other associated material required for complete installation</p> <p>All pipes (except flange pipes) shall be Class K9 (T-type) Flange pipes and all fittings except Tees shall be Class - K12 All Tees shall be Class - K14 All Flanges shall be of PN 10 except Transmission pipe PN 25</p> <p>Inlet Pipe (Conveyance Pipe to Distribution Chamber)</p>									
TP13 - 1	Straight pipe, dia 800 mm	m	79	11,473	38,623	10,560	906,367	3,051,217	834,240	quotation
TP13 - 2	Double Socket bend, dia 800 mm x 22 1/2°	Nr	1	51,096	172,001	47,029	51,096	172,001	47,029	quotation
TP13 - 3	Double Socket Bend, dia 800 mm x 45°	Nr	2	65,825	221,579	60,585	131,650	443,158	121,170	quotation
	<p>Connection Pipe (Distribution Chamber - Flocculation Basin)</p>									
TP13 - 4	Straight pipe, dia 200 mm	m	25	1,486	5,004	1,368	37,150	125,100	34,200	quotation
TP13 - 5	Straight pipe, dia 700 mm	m	125	9,242	31,113	8,507	1,155,250	3,889,125	1,063,375	quotation
TP13 - 6	Double Flanged Bend, dia 200 mm x 90°	Nr	2	5,911	19,899	5,440	11,822	39,798	10,880	quotation
TP13 - 7	Double Socket Bend, dia 7 00 mm x 45°	Nr	12	50,121	168,717	46,131	601,452	2,024,604	553,572	quotation
TP13 - 8	Double Socket Bend, dia 7 00 mm x 90°	Nr	8	69,223	233,019	63,713	553,784	1,864,152	509,704	quotation
TP13 - 9	Flanged Spigot, dia 200 mm	Nr	4	4,074	13,715	3,750	16,296	54,860	15,000	quotation
TP13- 10	Double Socket Tee with Flanged Branch, dia 700 x 200 mm	Nr	2	43,788	147,401	40,303	87,576	294,802	80,606	quotation
Total of page BOQ - 179 to TP 13 Bill Summary							3,552,443	11,958,817	3,269,776	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 13: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP13- 11	Gate Valve, dia 200 mm	Nr	2	4,501	15,152	4,142	9,002	30,304	8,284	Rate 2001
	Connection Pipe (Filter - Clear Water Reservoir)									
TP13- 12	Straight pipe, dia 600 mm	m	16	7,094	23,882	6,529	113,504	382,112	104,464	quotation
TP13- 13	Straight pipe, dia 800 mm	m	7	11,473	38,623	10,560	80,311	270,361	73,920	quotation
TP13- 14	Straight pipe, dia 1000 mm	m	7	16,829	56,650	15,489	117,803	396,550	108,423	quotation
TP13- 15	Double Socket Bend, dia 600 mm x 90°	Nr	1	47,006	158,232	43,264	47,006	158,232	43,264	quotation
TP13- 16	All Sockt Tee, dia 800 x 600 mm	Nr	1	97,299	327,525	89,553	97,299	327,525	89,553	quotation
TP13- 17	All Flanged Tee, dia 1000 x 1000 mm	Nr	1	215,145	724,215	198,019	215,145	724,215	198,019	quotation
TP13- 18	Double Socket Taper, dia 800 x 600 mm	Nr	1	43,184	145,366	39,746	43,184	145,366	39,746	quotation
TP13- 19	Double Socket Taper, dia 1000 x 800 mm	Nr	1	68,609	230,951	63,147	68,609	230,951	63,147	quotation
TP13- 20	Flange Spigot, dia 1000 mm	Nr	2	64,934	218,579	59,765	129,868	437,158	119,530	quotation
TP13- 21	Blank Flange, dia 1000 mm	Nr	1	59,896	201,621	55,128	59,896	201,621	55,128	quotation
TP13- 22	Collar, dia 600 mm	Nr	2	28,698	96,604	26,414	57,396	193,208	52,828	quotation
TP13- 23	Collar, dia 1000 mm	Nr	1	73,423	247,155	67,578	73,423	247,155	67,578	quotation
	Connection Pipe (Clear Water Reservoir - Transmission Pump Station)									
TP13- 24	Straight pipe, dia 600 mm	m	3	7,094	23,882	6,529	21,282	71,646	19,587	quotation
TP13- 25	Straight pipe, dia 700 mm	m	4	9,242	31,113	8,507	36,968	124,452	34,028	quotation
TP13- 26	Straight pipe, dia 1100 mm	m	6	118,959	400,438	109,490	713,754	2,402,628	656,940	quotation
TP13- 27	Straight pipe, dia 1200 mm	m	9	138,234	465,322	127,231	1,244,106	4,187,898	1,145,079	quotation
Total of page BOQ - 180 to TP 13 Bill Summary							3,128,556	10,531,382	2,879,518	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 13: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP13- 28	Double Socket Bend, dia 700 mm x 90°	Nr	1	69,223	233,019	63,713	69,223	233,019	63,713	quotation
TP13- 29	Flange Spigot, dia 1000 mm	Nr	2	64,934	218,579	59,765	129,868	437,158	119,530	quotation
TP13- 30	All Flanged Tee, dia 1100 x 600 mm	Nr	1	184,303	620,397	169,632	184,303	620,397	169,632	quotation
TP13- 31	All Sockt Tee, dia 1200 x 1200 mm	Nr	1	272,229	916,372	250,559	272,229	916,372	250,559	quotation
TP13- 32	Double Socket Taper, dia 700 x 600 mm	Nr	1	31,437	105,824	28,935	31,437	105,824	28,935	quotation
TP13- 33	Double Socket Taper, dia 1200 x 700 mm	Nr	1	122,223	411,424	112,493	122,223	411,424	112,493	quotation
TP13- 34	Double Socket Taper, dia 1200 x 1100 mm	Nr	1	97,718	328,938	89,940	97,718	328,938	89,940	quotation
TP13- 35	Blank Flange, dia 1100 mm	Nr	1	73,781	248,360	67,908	73,781	248,360	67,908	quotation
TP13- 36	Collar, dia 600 mm	Nr	2	28,698	96,604	26,414	57,396	193,208	52,828	quotation
TP13- 37	Collar, dia 1200 mm	Nr	1	98,274	330,810	90,452	98,274	330,810	90,452	quotation
	Transmission (To Asgiriya)									
TP13- 38	Straight pipe, dia 800 mm (TF Type)	m	271	11,473	38,623	10,560	3,109,183	10,466,833	2,861,760	quotation
TP13- 39	Double Socket Bend, dia 800 mm x 22 1/2° (TF Type)	Nr	2	51,096	172,001	47,029	102,192	344,002	94,058	quotation
TP13- 40	Double Socket Bend, dia 800 mm x 90° (TF Type)	Nr	2	93,262	313,936	85,838	186,524	627,872	171,676	quotation
TP13- 41	Collar, dia 800 mm (TF Type)	Nr	1	48,235	162,370	44,396	48,235	162,370	44,396	quotation
	Transmission (To Kahawatta)									
TP13- 42	Straight pipe, dia 600 mm	m	265	7,094	23,882	6,529	1,879,910	6,328,730	1,730,185	quotation
TP13- 43	Double Socket Bend, dia 600 mm x 22 1/2°	Nr	2	26,921	90,622	24,778	53,842	181,244	49,556	quotation
TP13- 44	Double Socket Bend, dia 600 mm x 90°	Nr	2	47,006	158,232	43,264	94,012	316,464	86,528	quotation
Total of page BOQ - 181 to TP 13 Bill Summary							6,610,350	22,253,025	6,084,149	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 13: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP13- 45	Restrained Coupling, dia 600 mm	Nr	14	11,192	37,677	10,301	156,688	527,478	144,214	Rate 2001
TP13- 46	Collar, dia 600 mm (TF Type)	Nr	1	28,698	96,604	26,414	28,698	96,604	26,414	quotation
Transmission (To Gohagoda & Condadeniya)										
TP13- 47	Straight pipe, dia 350 mm	m	229	3,214	10,821	2,958	736,006	2,478,009	677,382	quotation
TP13- 48	Double Socket Bend, dia 350 mm x 22 1/2°	Nr	1	11,653	39,228	10,725	11,653	39,228	10,725	quotation
TP13- 49	Double Socket Bend, dia 350 mm x 45°	Nr	5	13,547	45,604	12,469	67,735	228,020	62,345	quotation
TP13- 50	Flange Spigot, dia 350 mm	Nr	1	9,328	31,400	8,585	9,328	31,400	8,585	quotation
TP13- 51	Collar, dia 350 mm	Nr	3	14,113	47,507	12,989	42,339	142,521	38,967	quotation
TP13- 52	Restrained Coupling, dia 350 mm	Nr	20	5,220	17,572	4,804	104,400	351,440	96,080	quotation
Backwash Recycle Pipe (250mm)										
TP13- 53	Straight pipe, dia 250 mm	m	89	1,971	6,637	1,814	175,419	590,693	161,446	quotation
TP13- 54	Double Socket Bend, dia 250 mm x 45°	Nr	8	7,125	23,986	6,558	57,000	191,888	52,464	quotation
TP13- 55	Collar, dia 250 mm	Nr	2	8,227	27,694	7,572	16,454	55,388	15,144	quotation
Overflow Pipe from Distribution Chamber										
TP13- 56	Straight pipe, dia 600 mm	m	20	7,094	23,882	6,529	141,880	477,640	130,580	quotation
TP13- 57	Double Socket Bend, dia 600 mm x 45°	Nr	2	34,132	114,895	31,415	68,264	229,790	62,830	quotation
Drain Pipe from Flocculation Basin Inlet Channel										
TP13- 58	Straight pipe, dia 200 mm	m	31	1,486	5,004	1,368	46,066	155,124	42,408	quotation
TP13- 59	Double Socket Bend, dia 200 mm x 90°	Nr	2	6,206	20,893	5,712	12,412	41,786	11,424	quotation
Total of page BOQ - 182 to TP 13 Bill Summary							1,674,342	5,637,009	1,541,008	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 13: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP13- 60	Flange Spigot, dia 200 mm	Nr	4	4,074	13,716	3,750	16,296	54,864	15,000	quotation
TP13- 61	Collar, dia 200 mm dia	Nr	4	6,346	21,362	5,840	25,384	85,448	23,360	quotation
TP13- 62	Gate Valve, dia 200 mm	Nr	2	4,501	15,152	4,142	9,002	30,304	8,284	Rate 2001
	Drain Pipe from Sedimentation Basin Outlet Channel to Sludge Lagoon									
TP13- 63	Straight pipe, dia 200 mm	m	3	1,486	5,004	1,368	4,458	15,012	4,104	quotation
TP13- 64	Flange Spigot, dia 200 mm	Nr	2	4,074	13,716	3,750	8,148	27,432	7,500	quotation
TP13- 65	Collar, dia 200 mm dia	Nr	3	6,346	21,362	5,840	19,038	64,086	17,520	quotation
TP13- 66	Gate Valve, dia 200 mm	Nr	1	4,501	15,152	4,142	4,501	15,152	4,142	Rate 2001
	Drain Pipe from Sedimentation Basin Drain Pit									
TP13- 67	Straight pipe, dia 250 mm	m	4	1,971	6,637	1,814	7,884	26,548	7,256	quotation
TP13- 68	Collar, dia 250 mm	Nr	2	8,227	27,694	7,572	16,454	55,388	15,144	quotation
	Drain Pipe from Sedimentation Basin Floor Drain									
TP13- 69	Straight pipe, dia 200 mm	m	4	1,486	5,004	1,368	5,944	20,016	5,472	quotation
TP13- 70	Collar, dia 200 mm dia	Nr	2	6,346	21,362	5,840	12,692	42,724	11,680	quotation
	Drain Pipe from Filter Basin									
TP13- 71	Straight pipe, dia 200 mm	m	49	1,486	5,004	1,368	72,814	245,196	67,032	quotation
TP13- 72	Double Socket Bend, dia 200 mm x 45°	Nr	4	5,336	17,965	4,912	21,344	71,860	19,648	quotation
TP13- 73	Double Socket Bend, dia 200 mm x 90°	Nr	1	6,206	20,893	5,712	6,206	20,893	5,712	quotation
	Drain Pipe from Filter Backwash Pump Floor Drain									
Total of page BOQ - 183 to TP 13 Bill Summary							230,165	774,923	211,854	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 13: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP13- 74	Straight pipe, dia 200 mm	m	2	1,486	5,004	1,368	2,972	10,008	2,736	quotation
TP13- 75	Collar, dia 200 mm dia	Nr	1	6,346	21,362	5,840	6,346	21,362	5,840	quotation
	Backwash Drain Pipe from Filter									
TP13- 76	Straight pipe, dia 600 mm	m	12	7,094	23,882	6,529	85,128	286,584	78,348	quotation
TP13- 77	All Sockt Tee, dia 600 x 600 mm	Nr	1	54,720	184,199	50,364	54,720	184,199	50,364	quotation
TP13- 78	Double Socket Bend, dia 600 mm x 90°	Nr	1	47,006	158,232	43,264	47,006	158,232	43,264	quotation
TP13- 79	Collar, dia 600 mm	Nr	1	28,698	96,604	26,414	28,698	96,604	26,414	quotation
	Overflow Pipe from Clear Water Reservoir									
TP13- 80	Straight pipe, dia 350 mm	m	2	3,214	10,821	2,958	6,428	21,642	5,916	quotation
TP13- 81	Collar, dia 350 mm	Nr	2	14,113	47,507	12,989	28,226	95,014	25,978	quotation
	Drain Pipe from Sedimentation Basin Drain Pit									
TP13- 82	Straight pipe, dia 100 mm	m	50	699	2,355	643	34,950	117,750	32,150	quotation
TP13- 83	Double Socket Bend, dia 100 mm x 90°	Nr	1	2,155	7,257	1,984	2,155	7,257	1,984	quotation
TP13- 84	Double Socket Bend, dia 100 mm x 45°	Nr	4	1,952	6,573	1,797	7,808	26,292	7,188	quotation
TP13- 85	Collar, dia 100 mm	Nr	2	3,382	11,386	3,113	6,764	22,772	6,226	quotation
	Wash Water Pipe									
TP13- 86	Straight pipe, dia 100 mm	m	162	699	2,355	643	113,238	381,510	104,166	quotation
TP13- 87	Straight pipe, dia 150 mm	m	44	1,078	3,630	992	47,432	159,720	43,648	quotation
TP13- 88	Straight pipe, dia 200 mm	m	155	1,486	5,004	1,368	230,330	775,620	212,040	quotation
Total of page BOQ - 184 to TP 13 Bill Summary							702,201	2,364,566	646,262	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 13: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP13- 89	Double Socket Bend, dia 100 mm x 90°	Nr	2	2,155	7,257	1,984	4,310	14,514	3,968	quotation
TP13- 90	Double Socket Bend, dia 150 mm x 90°	Nr	1	3,793	12,768	3,491	3,793	12,768	3,491	quotation
TP13- 91	Double Socket Bend, dia 200 mm x 90°	Nr	2	6,206	20,893	5,712	12,412	41,786	11,424	quotation
TP13- 92	All Socket Tee, dia 150 x100 mm	Nr	1	4,612	15,527	4,245	4,612	15,527	4,245	quotation
TP13- 93	All Socket Tee, dia 150 x 150 mm	Nr	1	5,429	18,278	4,997	5,429	18,278	4,997	quotation
TP13- 94	All Socket Tee, dia 200 x 100 mm	Nr	2	6,462	21,755	5,948	12,924	43,510	11,896	quotation
TP13- 95	All Socket Tee, dia 200 x 150 mm	Nr	1	7,360	24,778	6,774	7,360	24,778	6,774	quotation
TP13- 96	Double Socket Taper, dia 150 x 100 mm	Nr	2	2,687	9,046	2,473	5,374	18,092	4,946	quotation
TP13- 97	Double Socket Taper, dia 200 x 100 mm	Nr	1	4,023	13,544	3,703	4,023	13,544	3,703	quotation
TP13- 98	Collar, dia 100 mm	Nr	5	3,382	11,386	3,113	16,910	56,930	15,565	quotation
TP13- 99	Collar, dia 200 mm dia	Nr	1	6,346	21,362	5,840	6,346	21,362	5,840	quotation
Total of page BOQ - 185 to TP 13 Bill Summary							83,493	281,089	76,849	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 14: Supply of RC Pipes/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Supply and Delivery at site all RC pipes and fittings including rubber rings, jointing materials and all other associated materials required for complete installation							
	All pipes and fittings shall be with rubber ring joints unless specified							
	Drain Pipe from Sedimentation Basin Outlet Channel to Sludge Lagoon							
TP14 - 1	RCP 450mm dia	m	22	1,343	563	29,546	12,386	Rate 2001
TP14 - 2	RCP 600mm dia	m	202	1,866	782	376,932	157,964	Rate 2001
	Backwash Drain Pipe from Filter							
TP14 - 3	RCP 600mm dia	m	8	1,866	782	14,928	6,256	Rate 2001
	Overflow Pipe from Clear Water Reservoir							
TP14 - 4	RCP 750mm dia	m	42	2,543	1,066	106,806	44,772	Rate 2001
TP14 - 5	RCP 1050mm dia	m	107	4,440	1,862	475,080	199,234	Rate 2001
Total of page BOQ - 186 to TP 14 Bill Summary						1,003,292	420,612	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 15: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Laying & Jointing in Open Trench DI Pipes Specials & Fittings as Specified</p> <p>Rate to include for making of trial hole, excavation, cutting pipes, shoring & dewatering (where necessary), bedding unless otherwise specified, backfilling or filling with imported material (where necessary), compaction & disposal of excess and unsuitable material as directed by the Engineer, and laying all pipes and valves.</p> <p><u>Depth to invert of pipe not exceeding 2.0m.</u></p>							
TP15 - 1	100 mm dia	m	212	490	205	103,880	43,460	Rate 2001
TP15 - 2	150 mm dia	m	44	531	222	23,364	9,768	Rate 2001
TP15 - 3	200 mm dia	m	269	630	264	169,470	71,016	Rate 2001
TP15 - 4	250 mm dia	m	93	680	285	63,240	26,505	Rate 2001
TP15 - 5	350 mm dia	m	231	831	348	191,961	80,388	Rate 2001
TP15 - 6	600 mm dia	m	316	1,656	694	523,296	219,304	Rate 2001
TP15 - 7	700 mm dia	m	129	2,010	843	259,290	108,747	Rate 2001
TP15 - 8	800 mm dia	m	357	2,425	1,017	865,725	363,069	Rate 2001
	<u>Depth to invert of pipe with 2 to 3m</u>							
TP15 - 9	1000 mm dia	m	7	3,826	1,604	26,782	11,228	Rate 2001
Total of page BOQ - 187 to TP 15 Bill Summary						2,227,008	933,485	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 15: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP15- 10	1100 mm dia	m	6	4,303	1,805	25,818	10,830	Rate 2001
TP15- 11	1200 mm dia	m	9	4,789	2,008	43,101	18,072	Rate 2001
	<u>Extra over Items for chamber</u>							
	Rate to include for additional excavation, shoring, dewatering, formwork, installation of all DI fittings and specials, valves and all necessary items of work required for complete installation.							
TP15- 12	Chamber	Nr	3	70,758	29,682	212,274	89,046	Rate 2001
Total of page BOQ - 188 to TP 15 Bill Summary						281,193	117,948	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 16: Laying of RC Pipes/Fittings for Yard Pipe

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Laying & Jointing in Open Trench RC Pipes Specials & Fittings as Specified.</p> <p>Rate to include for making of trial hole, excavation, cutting pipes, shoring & dewatering, backfilling or filling with selected material (where necessary), compaction & disposal of excess & unsuitable material as directed by the Engineer</p> <p><u>Depth to invert of pipe not exceeding 2.0m.</u></p>							
TP16 - 1	RCP 450mm dia	m	22	371	155	8,162	3,410	Rate 2001
TP16 - 2	RCP 600mm dia	m	210	461	193	96,810	40,530	Rate 2001
TP16 - 3	RCP 750mm dia	m	42	562	235	23,604	9,870	Rate 2001
TP16 - 4	RCP 1050mm dia	m	107	765	320	81,855	34,240	Rate 2001
Total of page BOQ - 189 to TP 16 Bill Summary						210,431	88,050	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	Supply & Delivery of Equipment as per specifications & drawings. Rate to include for all jointing material and maintenance material.									
	<u>Mechanical Equipment</u>									
	Distribution Chamber									
TP17 - 1	Supply distribution valve complete	Nr	2	193,549	997,263	154,762	387,098	1,994,526	309,524	quotation
TP17 - 2	Supply alum distribution tank complete	Nr	1	118,324	609,663	94,612	118,324	609,663	94,612	quotation
TP17 - 3	Supply all pipework, valves and fittings complete	Item	1	3,075,807	15,847,995	2,459,413	3,075,807	15,847,995	2,459,413	quotation
TP17 - 4	Supply all supporting steelwork for equipment complete	Item	1	326,606	1,682,830	261,154	326,606	1,682,830	261,154	quotation
	Flocculation/Sedimentation Basins									
TP17 - 5	Supply sludge collector complete	Item	2	794,573	4,094,014	635,340	1,589,146	8,188,028	1,270,680	quotation
TP17 - 6	Supply de-sludge valve complete	Nr	8	223,640	1,152,303	178,823	1,789,120	9,218,424	1,430,584	quotation
TP17 - 7	Supply sampling pump complete	Nr	1	92,621	477,233	74,060	92,621	477,233	74,060	quotation
TP17 - 8	Supply all pipework, valves and fittings complete	Item	1	4,912,578	25,311,895	3,928,094	4,912,578	25,311,895	3,928,094	quotation
TP17 - 9	Supply all spare parts complete	Item	1	73,031	376,295	58,396	73,031	376,295	58,396	quotation
TP17-10	Supply all maintenance equipment and tools complete	Item	1	30,873	159,078	24,686	30,873	159,078	24,686	quotation
Total of page BOQ - 190 to TP 17 Bill Summary							12,395,204	63,865,967	9,911,203	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-11	Supply all other items necessary to make flocculation/ sedimentation basins equipment complete Filtration Units	Item	1	194,177	1,000,493	155,264	194,177	1,000,493	155,264	quotation
TP17-12	Supply inflow gate complete	Nr	4	287,269	1,480,148	229,700	1,149,076	5,920,592	918,800	quotation
TP17-13	Supply backwash drainage gate complete	Nr	4	406,377	2,093,848	324,939	1,625,508	8,375,392	1,299,756	quotation
TP17-14	Supply effluent valve complete	Nr	4	78,673	405,365	62,907	314,692	1,621,460	251,628	quotation
TP17-15	Supply backwash valve complete	Nr	4	127,100	654,883	101,629	508,400	2,619,532	406,516	quotation
TP17-16	Supply air scour valve complete	Nr	4	127,100	654,883	101,629	508,400	2,619,532	406,516	quotation
TP17-17	Supply drain valve complete	Nr	4	112,368	578,978	89,850	449,472	2,315,912	359,400	quotation
TP17-18	Supply backwash pump complete	Nr	3	232,103	1,195,908	185,590	696,309	3,587,724	556,770	quotation
TP17-19	Supply air blower complete	Nr	2	928,885	4,786,053	742,736	1,857,770	9,572,106	1,485,472	quotation
TP17-20	Supply sump drainage pump complete	Nr	2	21,783	112,243	17,418	43,566	224,486	34,836	quotation
TP17-21	Supply lime mixing tank complete	Nr	1	832,814	4,291,055	665,918	832,814	4,291,055	665,918	quotation
TP17-22	Supply lime mixer complete	Nr	1	34,478	177,650	27,569	34,478	177,650	27,569	quotation
TP17-23	Supply lime feed pump complete	Nr	2	102,181	526,490	81,704	204,362	1,052,980	163,408	quotation
Total of page BOQ - 191 to TP 17 Bill Summary							8,419,024	43,378,914	6,731,853	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-24	Supply all pipework, valves and fittings complete	Item	1	11,077,831	57,078,138	8,857,825	11,077,831	57,078,138	8,857,825	quotation
TP17-25	Supply all gates and fittings complete	Item	1	81,180	418,285	64,912	81,180	418,285	64,912	quotation
TP17-26	Supply all supporting steelwork for equipment complete	Item	1	115,659	595,935	92,481	115,659	595,935	92,481	quotation
TP17-27	Supply all spare parts complete	Item	1	71,777	369,835	57,393	71,777	369,835	57,393	quotation
TP17-28	Supply all maintenance equipment and tools complete	Item	1	29,776	153,425	23,809	29,776	153,425	23,809	quotation
TP17-29	Supply all other items necessary to make filtration units equipment complete	Item	1	7,804,240	40,211,078	6,240,264	7,804,240	40,211,078	6,240,264	quotation
	Clear Water Pump Station									
TP17-30	Supply transmission pump (A - 1) complete	Nr	2	4,713,700	24,287,178	3,769,071	9,427,400	48,574,356	7,538,142	quotation
TP17-31	Supply transmission pump (A - 2) complete	Nr	2	1,351,562	6,963,880	1,080,708	2,703,124	13,927,760	2,161,416	quotation
TP17-32	Supply transmission pump (A - 3) complete	Nr	2	2,988,200	15,396,603	2,389,363	5,976,400	30,793,206	4,778,726	quotation
TP17-33	Supply discharge valve (A - 1) complete	Nr	2	346,980	1,787,805	277,445	693,960	3,575,610	554,890	quotation
TP17-34	Supply discharge valve (A - 2) complete	Nr	2	165,654	853,528	132,457	331,308	1,707,056	264,914	quotation
TP17-35	Supply discharge valve (A - 3) complete	Nr	2	346,980	1,787,805	277,445	693,960	3,575,610	554,890	quotation
TP17-36	Supply sump drainage pump complete	Nr	2	30,873	159,078	24,686	61,746	318,156	49,372	quotation
TP17-37	Supply plant water supply unit complete	Nr	1	2,197,699	11,323,573	1,757,279	2,197,699	11,323,573	1,757,279	quotation
Total of page BOQ - 192 to TP 17 Bill Summary							41,266,060	212,622,023	32,996,313	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-38	Supply chlorination booster pump complete	Nr	2	84,942	437,665	67,920	169,884	875,330	135,840	quotation
TP17-39	Supply overhead crane and rail complete	Nr	1	134,780	694,450	107,770	134,780	694,450	107,770	quotation
TP17-40	Supply all pipework, valves and fittings complete	Item	1	19,316,659	99,528,413	15,445,585	19,316,659	99,528,413	15,445,585	quotation
TP17-41	Supply all supporting steelwork for equipment complete	Item	1	1,600,905	8,248,613	1,280,083	1,600,905	8,248,613	1,280,083	quotation
TP17-42	Supply all spare parts complete	Item	1	129,921	669,418	103,885	129,921	669,418	103,885	quotation
TP17-43	Supply all maintenance equipment and tools complete	Item	1	47,956	247,095	38,346	47,956	247,095	38,346	quotation
TP17-44	Supply all other items necessary to make clear water reservoir and pump station equipment complete	Item	1	69,583	358,530	55,639	69,583	358,530	55,639	quotation
	Chemical Building									
TP17-45	Supply alum mixer complete	Nr	2	39,493	203,490	31,579	78,986	406,980	63,158	quotation
TP17-46	Supply level tank complete	Nr	1	26,642	137,275	21,303	26,642	137,275	21,303	quotation
TP17-47	Supply alum pump complete	Nr	2	111,114	572,518	88,847	222,228	1,145,036	177,694	quotation
TP17-48	Supply lime mixer complete	Nr	2	49,993	257,593	39,975	99,986	515,186	79,950	quotation
TP17-49	Supply lime level tank complete	Nr	1	31,343	161,500	25,062	31,343	161,500	25,062	quotation
TP17-50	Supply lime pump complete	Nr	2	216,118	1,113,543	172,808	432,236	2,227,086	345,616	quotation
TP17-51	Supply lime feed pump complete	Nr	2	105,316	542,640	84,211	210,632	1,085,280	168,422	quotation
Total of page BOQ - 193 to TP 17 Bill Summary							22,571,741	116,300,192	18,048,353	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-52	Supply lime dust extraction fan complete	Nr	1	16,768	86,403	13,408	16,768	86,403	13,408	quotation
TP17-53	Supply lime dust extraction tank complete	Nr	1	164,243	846,260	131,329	164,243	846,260	131,329	quotation
TP17-54	Supply chemical crane and rails complete	Nr	1	105,159	541,833	84,085	105,159	541,833	84,085	quotation
TP17-55	Supply chlorine container complete	Nr	14	237,431	1,223,363	189,850	3,324,034	17,127,082	2,657,900	quotation
TP17-56	Supply weighing scale complete	Nr	2	555,419	2,861,780	444,113	1,110,838	5,723,560	888,226	quotation
TP17-57	Supply pre-chlorinator complete	Nr	2	223,953	1,153,918	179,073	447,906	2,307,836	358,146	quotation
TP17-58	Supply post-chlorinator complete	Nr	2	111,898	576,555	89,474	223,796	1,153,110	178,948	quotation
TP17-59	Supply injector complete	Nr	2	68,016	350,455	54,386	136,032	700,910	108,772	quotation
TP17-60	Supply chlorine crane and rails complete	Nr	1	159,698	822,843	127,695	159,698	822,843	127,695	quotation
TP17-61	Supply chlorine drums complete with gas	Nr	14	39,493	203,490	31,579	552,902	2,848,860	442,106	quotation
TP17-62	Supply all pipework, valves and fittings complete	Item	1	658,384	3,392,308	526,444	658,384	3,392,308	526,444	quotation
TP17-63	Supply all supporting steelwork for equipment complete	Item	1	807,269	4,159,433	645,492	807,269	4,159,433	645,492	quotation
TP17-64	Supply all chlorination safety equipment complete	Item	1	16,612	85,595	13,283	16,612	85,595	13,283	quotation
TP17-65	Supply all spare parts complete	Item	1	59,553	306,850	47,619	59,553	306,850	47,619	quotation
TP17-66	Supply all maintenance equipment and tools complete	Item	1	26,485	136,468	21,178	26,485	136,468	21,178	quotation
Total of page BOQ - 194 to TP 17 Bill Summary							7,809,679	40,239,351	6,244,631	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-67	Supply all other items necessary to make chemical building equipment complete Backwash Recovery Facility	Item	1	702,737	3,620,830	561,908	702,737	3,620,830	561,908	quotation
TP17-68	Supply recycle inlet valve complete	Nr	2	370,488	1,908,930	296,242	740,976	3,817,860	592,484	quotation
TP17-69	Supply backwash recovery pump complete	Nr	2	315,792	1,627,113	252,507	631,584	3,254,226	505,014	quotation
TP17-70	Supply all gates and fittings complete	Item	1	976,685	5,032,340	780,957	976,685	5,032,340	780,957	quotation
TP17-71	Supply all supporting steelwork for equipment complete	Item	1	829,054	4,271,675	662,911	829,054	4,271,675	662,911	quotation
TP17-72	Supply all spare parts complete	Item	1	77,890	401,328	62,281	77,890	401,328	62,281	quotation
TP17-73	Supply all maintenance equipment and tools complete	Item	1	32,441	167,153	25,940	32,441	167,153	25,940	quotation
TP17-74	Supply all other items necessary to make backwash recovery facility equipment complete Sludge Lagoons	Item	1	956,311	4,927,365	764,666	956,311	4,927,365	764,666	quotation
TP17-75	Supply sludge lagoon inlet valve complete	Nr	2	77,576	399,713	62,030	155,152	799,426	124,060	quotation
TP17-76	Supply all pipework, valves and fittings complete	Item	1	1,092,032	5,626,660	873,188	1,092,032	5,626,660	873,188	quotation
TP17-77	Supply all supporting steelwork for equipment complete	Item	1	91,368	470,773	73,058	91,368	470,773	73,058	quotation
TP17-78	Supply all spare parts complete	Item	1	15,671	80,750	12,531	15,671	80,750	12,531	quotation
Total of page BOQ - 195 to TP 17 Bill Summary							6,301,901	32,470,386	5,038,998	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-79	Supply all maintenance equipment and tools complete	Item	1	7,835	40,375	6,265	7,835	40,375	6,265	quotation
TP17-80	Supply all other items necessary to make sludge lagoons equipment complete Electrical Equipment Distribution Chamber	Item	1	7,992	41,183	6,391	7,992	41,183	6,391	quotation
TP17-81	Supply Distribution Chamber Level Switch complete	Nr	1	9,246	47,643	7,393	9,246	47,643	7,393	quotation
TP17-82	Supply all cable, pipe and other materials complete Flocculation/Sedimentation Basins	Item	1	1,253	6,460	1,002	1,253	6,460	1,002	quotation
TP17-83	Supply De-sludge Valve Local Operation Panel complete	Nr	2	210,481	1,084,502	168,301	420,962	2,169,004	336,602	quotation
TP17-84	Supply Sludge Collector Local Operation Panel complete	Nr	4	67,076	345,608	53,634	268,304	1,382,432	214,536	quotation
TP17-85	Supply Sampling Pump Local Operation Panel complete	Nr	1	57,985	298,768	46,365	57,985	298,768	46,365	quotation
TP17-86	Supply Sampling Pump Level Switch complete	Nr	1	9,246	47,643	7,393	9,246	47,643	7,393	quotation
TP17-87	Supply all cable, tray, pipe and other materials complete	Item	1	98,263	506,303	78,571	98,263	506,303	78,571	quotation
TP17-88	Supply all spare parts complete	Item	1	12,850	66,215	10,275	12,850	66,215	10,275	quotation
TP17-89	Supply all other items necessary to make flocculation/ sedimentation basins equipment complete	Item	1	33,380	171,998	26,691	33,380	171,998	26,691	quotation
Total of page BOQ - 196 to TP 17 Bill Summary							927,316	4,778,024	741,484	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	Filtration Units									
TP17-90	Supply Sedi. & Filter MCC complete	Nr	1	1,614,696	8,319,673	1,291,110	1,614,696	8,319,673	1,291,110	quotation
TP17-91	Supply Sedi. & Filter Auxiliary Relay Panel complete	Nr	1	952,549	4,907,985	761,658	952,549	4,907,985	761,658	quotation
TP17-92	Supply Backwash MCC complete	Nr	1	1,831,442	9,436,445	1,464,420	1,831,442	9,436,445	1,464,420	quotation
TP17-93	Supply Backwash Auxiliary Relay Panel complete	Nr	1	639,891	3,297,023	511,657	639,891	3,297,023	511,657	quotation
TP17-94	Supply Filter Backwash Local Operation Panel complete	Nr	2	252,006	1,298,455	201,504	504,012	2,596,910	403,008	quotation
TP17-95	Blank			-	-	-	-	-	-	
TP17-96	Supply Backwash Pump Local Operation Panel complete	Nr	1	132,901	684,777	106,268	132,901	684,777	106,268	quotation
TP17-97	Supply Air Blower Local Operation Panel complete	Nr	1	132,901	684,777	106,268	132,901	684,777	106,268	quotation
TP17-98	Supply Sump Drainage Pump Local Operation Panel complete	Nr	1	78,194	402,897	62,524	78,194	402,897	62,524	quotation
TP17-99	Supply Post Lime Dosing Local Operation Panel complete	Nr	1	97,172	500,683	77,699	97,172	500,683	77,699	quotation
TP17-100	Supply Water Treatment PLC complete (Including in TP17-178)	Nr	1	-	-	-	-	-	-	
TP17-101	Supply Backwash Water Flow complete	Nr	1	1,161,303	5,983,575	928,577	1,161,303	5,983,575	928,577	quotation
TP17-102	Supply Air Scouring Flow complete	Nr	1	244,171	1,258,085	195,239	244,171	1,258,085	195,239	quotation
TP17-103	Supply Post Lime Dosing Flow complete	Nr	1	246,208	1,268,583	196,868	246,208	1,268,583	196,868	quotation
Total of page BOQ - 197 to TP 17 Bill Summary							7,635,440	39,341,413	6,105,296	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-104	Supply Filter Unit Level complete	Nr	4	160,795	828,495	128,572	643,180	3,313,980	514,288	quotation
TP17-105	Supply Backwash Water Tank Level Switch complete	Nr	1	10,969	56,525	8,771	10,969	56,525	8,771	quotation
TP17-106	Supply Sump Drainage Level Switch complete	Nr	1	9,716	50,065	7,769	9,716	50,065	7,769	quotation
TP17-107	Supply Post Lime Head Tank Level Switch complete	Nr	1	21,470	110,628	17,168	21,470	110,628	17,168	quotation
TP17-108	Supply Instrumentation Panel for Filter Unit complete	Nr	1	404,652	2,084,965	323,560	404,652	2,084,965	323,560	quotation
TP17-109	Supply all cable, tray, pipe and other materials complete	Item	1	1,044,075	5,379,565	834,842	1,044,075	5,379,565	834,842	quotation
TP17-110	Supply all spare parts complete	Item	1	25,701	132,430	20,551	25,701	132,430	20,551	quotation
TP17-111	Supply all maintenance equipment and tools complete	Item	1	25,701	132,430	20,551	25,701	132,430	20,551	quotation
TP17-112	Supply all other items necessary to make filtration units equipment complete	Item	1	378,480	1,950,113	302,633	378,480	1,950,113	302,633	quotation
Clear Water Pump Station										
TP17-113	Supply Transmission Pump (A-1) Panel complete	Nr	2	1,938,796	9,989,583	1,550,260	3,877,592	19,979,166	3,100,520	quotation
TP17-114	Supply Transmission Pump (A-2) Panel complete	Nr	2	615,443	3,171,053	492,108	1,230,886	6,342,106	984,216	quotation
TP17-115	Supply Transmission Pump (A-3) Panel complete	Nr	2	1,384,943	7,135,878	1,107,400	2,769,886	14,271,756	2,214,800	quotation
TP17-116	Supply Transmission Pump (A-1) Local Operation Panel complete	Nr	2	75,858	390,861	60,656	151,716	781,722	121,312	quotation
TP17-117	Supply Transmission Pump (A-2) Local Operation Panel complete	Nr	2	75,858	390,861	60,656	151,716	781,722	121,312	quotation
Total of page BOQ - 198 to TP 17 Bill Summary							10,745,740	55,367,173	8,592,293	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-118	Supply Transmission Pump (A-3) Local Operation Panel complete	Nr	2	75,858	390,861	60,656	151,716	781,722	121,312	quotation
TP17-119	Supply Sump Drainage Pump Local Operation Panel complete	Nr	1	197,787	1,019,095	158,151	197,787	1,019,095	158,151	quotation
TP17-120	Supply Chlorination Booster Pump Local Operation Panel complete	Nr	1	210,626	1,085,249	168,417	210,626	1,085,249	168,417	quotation
TP17-121	Supply Clear Water Pump PLC complete (Including in TP17-178)	Nr	1	-	-	-	-	-	-	
TP17-122	Supply Clear Water Reservoir Level complete	Nr	2	147,160	758,243	117,669	294,320	1,516,486	235,338	quotation
TP17-123	Supply Transmission Flow (A-1) complete	Nr	1	1,290,597	6,649,763	1,031,961	1,290,597	6,649,763	1,031,961	quotation
TP17-124	Supply Transmission Flow (A-2) complete	Nr	1	724,207	3,731,458	579,076	724,207	3,731,458	579,076	quotation
TP17-125	Supply Transmission Flow (A-3) complete	Nr	1	1,290,597	6,649,763	1,031,961	1,290,597	6,649,763	1,031,961	quotation
TP17-126	Blank	Nr	1	-	-	-	-	-	-	
TP17-127	Supply Sump Drainage Level Switch complete	Nr	1	9,716	50,065	7,769	9,716	50,065	7,769	quotation
TP17-128	Supply Transmission Pressure (A-1) complete	Nr	1	124,592	641,963	99,624	124,592	641,963	99,624	quotation
TP17-129	Supply Transmission Pressure (A-2) complete	Nr	1	124,592	641,963	99,624	124,592	641,963	99,624	quotation
TP17-130	Supply Transmission Pressure (A-3) complete	Nr	1	124,592	641,963	99,624	124,592	641,963	99,624	quotation
TP17-131	Supply Instrumentation Panel for Clear Water Pump complete	Nr	1	507,305	2,613,878	405,641	507,305	2,613,878	405,641	quotation
TP17-132	Supply all cable, tray, pipe and other materials complete	Item	1	1,636,011	8,429,493	1,308,153	1,636,011	8,429,493	1,308,153	quotation
Total of page BOQ - 199 to TP 17 Bill Summary							6,686,658	34,452,861	5,346,651	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-133	Supply all spare parts complete	Item	1	38,396	197,838	30,702	38,396	197,838	30,702	quotation
TP17-134	Supply all maintenance equipment and tools complete	Item	1	25,701	132,430	20,551	25,701	132,430	20,551	quotation
TP17-135	Supply all other items necessary to make clear water reservoir and pump station equipment complete Chemical Building	Item	1	546,328	2,814,945	436,844	546,328	2,814,945	436,844	quotation
TP17-136	Supply Chemical Dosing MCC complete	Nr	1	1,513,924	7,800,450	1,210,533	1,513,924	7,800,450	1,210,533	quotation
TP17-137	Supply Chemical Dosing Auxiliary Relay Panel complete	Nr	1	639,891	3,297,023	511,657	639,891	3,297,023	511,657	quotation
TP17-138	Supply Alum Pump Local Operation Panel complete	Nr	1	77,271	398,139	61,786	77,271	398,139	61,786	quotation
TP17-139	Supply Alum Mixer Local Operation Panel complete	Nr	1	75,858	390,861	60,656	75,858	390,861	60,656	quotation
TP17-140	Supply Lime Pump Local Operation Panel complete	Nr	1	78,194	402,897	62,524	78,194	402,897	62,524	quotation
TP17-141	Supply Lime Mixer Local Operation Panel complete	Nr	1	75,858	390,861	60,656	75,858	390,861	60,656	quotation
TP17-142	Supply Pre Lime Dosing Pump Local Operation Panel complete	Nr	1	77,271	398,139	61,786	77,271	398,139	61,786	quotation
TP17-143	Supply Lime Dust Extract Fan Local Operation Panel complete	Nr	1	78,194	402,897	62,524	78,194	402,897	62,524	quotation
TP17-144	Blank			-	-	-	-	-	-	
TP17-145	Supply Chemical Dosing PLC complete (Including in TP17-178)	Nr	1	-	-	-	-	-	-	
TP17-146	Supply Alum Dosing Flow complete	Nr	1	274,887	1,416,355	219,800	274,887	1,416,355	219,800	quotation
Total of page BOQ - 200 to TP 17 Bill Summary							3,501,773	18,042,835	2,800,019	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-147	Supply Pre Lime Dosing Flow complete	Nr	1	246,208	1,268,583	196,868	246,208	1,268,583	196,868	quotation
TP17-148	Supply Alum Mixing Tank Level Switch complete	Nr	2	21,470	110,628	17,168	42,940	221,256	34,336	quotation
TP17-149	Supply Alum Level Tank Level Switch complete	Nr	1	21,470	110,628	17,168	21,470	110,628	17,168	quotation
TP17-150	Supply Lime Mixing Tank Level Switch complete	Nr	2	21,470	110,628	17,168	42,940	221,256	34,336	quotation
TP17-151	Supply Lime Level Tank Level Switch complete	Nr	1	21,470	110,628	17,168	21,470	110,628	17,168	quotation
TP17-152	Supply Chlorin Cylinder Weight complete	Nr	1	1,146,100	5,905,248	916,421	1,146,100	5,905,248	916,421	quotation
TP17-153	Supply Instrumentation Panel for Chemical Dosing complete	Nr	1	507,305	2,613,878	405,641	507,305	2,613,878	405,641	quotation
TP17-154	Supply all cable, tray, pipe and other materials complete	Item	1	678,915	3,498,090	542,860	678,915	3,498,090	542,860	quotation
TP17-155	Supply all spare parts complete	Item	1	25,701	132,430	20,551	25,701	132,430	20,551	quotation
TP17-156	Supply all maintenance equipment and tools complete	Item	1	25,701	132,430	20,551	25,701	132,430	20,551	quotation
TP17-157	Supply all other items necessary to make chemical building equipment complete	Item	1	100,771	519,223	80,577	100,771	519,223	80,577	quotation
	Backwash Recovery Facility									
TP17-158	Supply Backwash Recovery Pump Local Operation Panel complete	Nr	1	80,083	412,633	64,035	80,083	412,633	64,035	quotation
TP17-159	Supply Backwash Water Return Flow complete	Nr	1	1,161,303	5,983,575	928,577	1,161,303	5,983,575	928,577	quotation
TP17-160	Supply Backwash Recovery Tank Level complete	Nr	2	147,160	758,243	117,669	294,320	1,516,486	235,338	quotation
Total of page BOQ - 201 to TP 17 Bill Summary							4,395,227	22,646,344	3,514,427	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-161	Supply all cable, tray, pipe and other materials complete	Item	1	218,782	1,127,270	174,938	218,782	1,127,270	174,938	quotation
TP17-162	Supply all spare parts complete	Item	1	12,850	66,215	10,275	12,850	66,215	10,275	quotation
TP17-163	Supply all other items necessary to make backwash recovery facility equipment complete	Item	1	27,895	143,735	22,305	27,895	143,735	22,305	quotation
Electrical Substation and Generator Building										
TP17-164	Supply HT Receiving Panel complete	Nr	1	2,739,797	14,116,715	2,190,740	2,739,797	14,116,715	2,190,740	quotation
TP17-165	Supply No.1 HT Feeder Panel complete	Nr	1	2,166,199	11,161,265	1,732,091	2,166,199	11,161,265	1,732,091	quotation
TP17-166	Supply No.1 HT Transformer Panel complete	Nr	1	4,172,541	21,498,880	3,336,361	4,172,541	21,498,880	3,336,361	quotation
TP17-167	Supply No.1 Transformer Secondary Panel complete	Nr	1	1,361,122	7,013,138	1,088,352	1,361,122	7,013,138	1,088,352	quotation
TP17-168	Supply No.1 LV Feeder Panel complete	Nr	1	805,389	4,149,743	643,989	805,389	4,149,743	643,989	quotation
TP17-169	Supply No.2 LV Feeder Panel complete	Nr	1	805,389	4,149,743	643,989	805,389	4,149,743	643,989	quotation
TP17-170	Supply Static Capacitor Panel complete	Nr	1	749,596	3,862,273	599,377	749,596	3,862,273	599,377	quotation
TP17-171	Supply UPS Equipment complete	Nr	1	2,908,429	14,985,585	2,325,578	2,908,429	14,985,585	2,325,578	quotation
TP17-172	Supply Power Receiving PLC complete (Including in TP17-178)	Nr	1	-	-	-	-	-	-	-
TP17-173	Supply generator set and all ancillary equipment complete	Item	1	15,218,870	78,414,700	12,168,997	15,218,870	78,414,700	12,168,997	quotation
TP17-174	Supply all cable, tray, pipe and other materials complete	Item	1	3,688,744	19,006,128	2,949,517	3,688,744	19,006,128	2,949,517	quotation
Total of page BOQ - 202 to TP 17 Bill Summary							34,875,603	179,695,390	27,886,509	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 17: Supply of Pumps/Fittings, Equipment

Water Treatment Plant

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TP17-175	Supply all spare parts complete	Item	1	400,108	2,061,548	319,926	400,108	2,061,548	319,926	quotation
TP17-176	Supply all maintenance equipment and tools complete	Item	1	51,247	264,053	40,977	51,247	264,053	40,977	quotation
TP17-177	Supply all other items necessary to make electrical substation and generator facility complete	Item	1	334,755	1,724,820	267,670	334,755	1,724,820	267,670	quotation
	Administration Building									
TP17-178	Supply Monitoring System complete	Nr	1	18,444,036	95,032,253	14,747,837	18,444,036	95,032,253	14,747,837	quotation
TP17-179	Supply PLC Panel for Monitoring System -1 complete (Including in TP17-178)	Nr	1	-	-	-	-	-	-	-
TP17-180	Supply PLC Panel for Monitoring System -2 complete (Including in TP17-178)	Nr	1	-	-	-	-	-	-	-
TP17-181	Supply all cable, tray, pipe and other materials complete	Item	1	2,495,000	12,855,400	1,995,000	2,495,000	12,855,400	1,995,000	quotation
TP17-182	Supply all spare parts complete	Item	1	51,247	264,053	40,977	51,247	264,053	40,977	quotation
TP17-183	Supply all maintenance equipment and tools complete	Item	1	25,701	132,430	20,551	25,701	132,430	20,551	quotation
TP17-184	Supply all other items necessary to make monitoring system complete	Item	1	233,200	1,201,560	186,467	233,200	1,201,560	186,467	quotation
	Site Work									
TP17-185	Supply grounding system complete	Item	1	1,080,435	5,566,905	863,915	1,080,435	5,566,905	863,915	quotation
TP17-186	Supply all CEB connection complete	Item	1	641,145	3,303,483	512,659	641,145	3,303,483	512,659	quotation
Total of page BOQ - 203 to TP 17 Bill Summary							23,756,874	122,406,505	18,995,979	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Installation of Equipment as per specifications & drawings. Rate to include for all jointing.							
	<u>Mechanical Equipment</u>							
	Distribution Chamber							
TP18-1	Install distribution valve complete	Nr	2	241,676	218,027	483,352	436,054	quotation
TP18-2	Install alum distribution tank complete	Nr	1	136,950	123,548	136,950	123,548	quotation
TP18-3	Install all pipework, valves and fittings complete	Item	1	2,601,633	2,347,021	2,601,633	2,347,021	quotation
TP18-4	Install all supporting steelwork for equipment complete	Item	1	302,308	272,723	302,308	272,723	quotation
	Flocculation/Sedimentation Basins							
TP18-5	Install sludge collector complete	Item	2	1,422,078	1,282,907	2,844,156	2,565,814	quotation
TP18-6	Install de-sludge valve complete	Nr	8	432,474	390,152	3,459,792	3,121,216	quotation
TP18-7	Install sampling pump complete	Nr	1	134,406	121,253	134,406	121,253	quotation
TP18-8	Install all pipework, valves and fittings complete	Item	1	2,623,680	2,366,912	2,623,680	2,366,912	quotation
TP18-9	All other work necessary to make flocculation/ sedimentation basins equipment complete	Item	1	412,123	371,791	412,123	371,791	quotation
	Filtration Units							
Total of page BOQ - 204 to TP 18 Bill Summary						12,998,400	11,726,332	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-10	Install inflow gate complete	Nr	4	386,259	348,458	1,545,036	1,393,832	quotation
TP18-11	Install backwash drainage gate complete	Nr	4	510,489	460,532	2,041,956	1,842,128	quotation
TP18-12	Install effluent valve complete	Nr	4	25,863	23,334	103,452	93,336	quotation
TP18-13	Install backwash valve complete	Nr	4	44,519	40,163	178,076	160,652	quotation
TP18-14	Install air scour valve complete	Nr	4	44,519	40,163	178,076	160,652	quotation
TP18-15	Install drain valve complete	Nr	4	127,622	115,133	510,488	460,532	quotation
TP18-16	Install backwash pump complete	Nr	3	224,717	202,725	674,151	608,175	quotation
TP18-17	Install air blower complete	Nr	2	936,604	844,944	1,873,208	1,689,888	quotation
TP18-18	Install sump drainage pump complete	Nr	2	27,135	24,481	54,270	48,962	quotation
TP18-19	Install lime mixing tank complete	Nr	1	499,465	450,586	499,465	450,586	quotation
TP18-20	Install lime mixer complete	Nr	1	51,727	46,666	51,727	46,666	quotation
TP18-21	Install lime feed pump complete	Nr	2	155,817	140,570	311,634	281,140	quotation
TP18-22	Install all pipework, valves and fittings complete	Item	1	6,930,621	6,252,346	6,930,621	6,252,346	quotation
TP18-23	Install all gates and fittings complete	Item	1	57,663	52,021	57,663	52,021	quotation
Total of page BOQ - 205 to TP 18 Bill Summary						15,009,823	13,540,916	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-24	Install all supporting steelwork for equipment complete	Item	1	103,878	93,714	103,878	93,714	quotation
TP18-25	All other works necessary to make filtration units equipment complete	Item	1	9,595,429	8,656,359	9,595,429	8,656,359	quotation
Clear Water Pump Station								
TP18-26	Install transmission pump (A - 1) complete	Nr	2	5,331,736	4,809,938	10,663,472	9,619,876	quotation
TP18-27	Install transmission pump (A - 2) complete	Nr	2	1,948,256	1,757,588	3,896,512	3,515,176	quotation
TP18-28	Install transmission pump (A - 3) complete	Nr	2	3,729,459	3,364,472	7,458,918	6,728,944	quotation
TP18-29	Install discharge valve (A - 1) complete	Nr	2	655,919	591,729	1,311,838	1,183,458	quotation
TP18-30	Install discharge valve (A - 2) complete	Nr	2	339,619	306,384	679,238	612,768	quotation
TP18-31	Install discharge valve (A - 3) complete	Nr	2	655,919	591,729	1,311,838	1,183,458	quotation
TP18-32	Install sump drainage pump complete	Nr	2	50,879	45,901	101,758	91,802	quotation
TP18-33	Install plant water Supply unit complete	Nr	1	3,586,149	3,235,186	3,586,149	3,235,186	quotation
TP18-34	Install chlorination booster pump complete	Nr	2	97,942	88,358	195,884	176,716	quotation
TP18-35	Install overhead crane and rail complete	Nr	1	310,364	279,991	310,364	279,991	quotation
TP18-36	Install all pipework, valves and fittings complete	Item	1	8,903,894	8,032,501	8,903,894	8,032,501	quotation
Total of page BOQ - 206 to TP 18 Bill Summary						48,119,172	43,409,949	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-37	Install all supporting steelwork for equipment complete	Item	1	557,553	502,988	557,553	502,988	quotation
TP18-38	All other works necessary to make clear water reservoir and pump station equipment complete Chemical Building	Item	1	302,308	272,723	302,308	272,723	quotation
TP18-39	Install alum mixer complete	Nr	2	43,671	39,398	87,342	78,796	quotation
TP18-40	Install level tank complete	Nr	1	8,479	7,652	8,479	7,652	quotation
TP18-41	Install alum pump complete	Nr	2	145,006	130,815	290,012	261,630	quotation
TP18-42	Install lime mixer complete	Nr	2	60,630	54,699	121,260	109,398	quotation
TP18-43	Install lime level tank complete	Nr	1	15,687	14,154	15,687	14,154	quotation
TP18-44	Install lime pump complete	Nr	2	288,316	260,101	576,632	520,202	quotation
TP18-45	Install lime feed pump complete	Nr	2	145,006	130,815	290,012	261,630	quotation
TP18-46	Install lime dust extraction fan complete	Nr	1	22,471	20,274	22,471	20,274	quotation
TP18-47	Install lime dust extraction tank complete	Nr	1	250,580	226,059	250,580	226,059	quotation
TP18-48	Install chemical crane and rails complete	Nr	1	142,886	128,903	142,886	128,903	quotation
TP18-49	Install chlorine container complete	Nr	14	155,181	139,997	2,172,534	1,959,958	quotation
TP18-50	Install weighing scale complete	Nr	2	788,630	711,451	1,577,260	1,422,902	quotation
Total of page BOQ - 207 to TP 18 Bill Summary						6,415,016	5,787,269	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-51	Install pre-chlorinator complete	Nr	2	332,835	300,264	665,670	600,528	quotation
TP18-52	Install post-chlorinator complete	Nr	2	166,206	149,941	332,412	299,882	quotation
TP18-53	Install injector complete	Nr	2	99,214	89,506	198,428	179,012	quotation
TP18-54	Install chlorine crane and rails complete	Nr	1	201,397	181,688	201,397	181,688	quotation
TP18-55	Install chlorine drums complete with gas	Nr	14	25,439	22,951	356,146	321,314	quotation
TP18-56	Install all pipework, valves and fittings complete	Item	1	377,355	340,426	377,355	340,426	quotation
TP18-57	Install all supporting steelwork for equipment complete	Item	1	466,394	420,751	466,394	420,751	quotation
TP18-58	Install all chlorination safety equipment complete	Item	1	22,471	20,274	22,471	20,274	quotation
TP18-59	All other works necessary to make chemical building equipment complete	Item	1	487,170	439,493	487,170	439,493	quotation
	Backwash Recovery Facility							
TP18-60	Install recycle inlet valve complete	Nr	2	567,305	511,785	1,134,610	1,023,570	quotation
TP18-61	Install backwash recovery pump complete	Nr	2	173,413	156,444	346,826	312,888	quotation
TP18-62	Install all gates and fittings complete	Item	1	1,026,067	925,652	1,026,067	925,652	quotation
TP18-63	Install all supporting steelwork for equipment complete	Item	1	573,241	517,141	573,241	517,141	quotation
TP18-64	All other works necessary to make backwash recovery facility equipment complete	Item	1	746,231	673,201	746,231	673,201	quotation
Total of page BOQ - 208 to TP 18 Bill Summary						6,934,418	6,255,820	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Sludge Lagoons							
TP18-65	Install sludge lagoon inlet valve complete	Nr	2	71,655	64,643	143,310	129,286	quotation
TP18-66	Install all pipework, valves and fittings complete	Item	1	983,244	887,018	983,244	887,018	quotation
TP18-67	Install all supporting steelwork for equipment complete	Item	1	80,134	72,294	80,134	72,294	quotation
TP18-68	All other works necessary to make sludge lagoons equipment complete	Item	1	29,255	26,394	29,255	26,394	quotation
	<u>Electrical Equipment</u>							
	Distribution Chamber							
TP18-69	Install Distribution Chamber Level Switch complete	Nr	1	5,087	4,592	5,087	4,592	quotation
TP18-70	Install all cable, pipe and other materials complete	Item	1	2,119	1,914	2,119	1,914	quotation
	Flocculation/Sedimentation Basins							
TP18-71	Install De-sludge Valve Local Operation Panel complete	Nr	2	113,630	102,511	227,260	205,022	quotation
TP18-72	Install Sludge Collector Local Operation Panel complete	Nr	4	36,039	32,514	144,156	130,056	quotation
TP18-73	Install Sampling Pump Local Operation Panel complete	Nr	1	31,375	28,306	31,375	28,306	quotation
TP18-74	Install Sampling Pump Level Switch complete	Nr	1	5,087	4,592	5,087	4,592	quotation
Total of page BOQ - 209 to TP 18 Bill Summary						1,651,027	1,489,474	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-75	Install all cable, tray, pipe and other materials complete	Item	1	172,565	155,679	172,565	155,679	quotation
TP18-76	All other works necessary to make flocculation/ sedimentation basins equipment complete	Item	1	18,231	16,448	18,231	16,448	quotation
Filtration Units								
TP18-77	Install Sedi. & Filter MCC complete	Nr	1	873,853	788,334	873,853	788,334	quotation
TP18-78	Install Sedi. & Filter Auxiliary Relay Panel complete	Nr	1	515,577	465,122	515,577	465,122	quotation
TP18-79	Install Backwash MCC complete	Nr	1	990,876	893,903	990,876	893,903	quotation
TP18-80	Install Backwash Auxiliary Relay Panel complete	Nr	1	346,403	312,504	346,403	312,504	quotation
TP18-81	Install Filter Backwash Local Operation Panel complete	Nr	2	136,102	122,783	272,204	245,566	quotation
TP18-82	Blank			-	-	-	-	
TP18-83	Install Backwash Pump Local Operation Panel complete	Nr	1	72,078	65,027	72,078	65,027	quotation
TP18-84	Install Air Blower Local Operation Panel complete	Nr	1	72,078	65,027	72,078	65,027	quotation
TP18-85	Install Sump Drainage Pump Local Operation Panel complete	Nr	1	42,399	38,251	42,399	38,251	quotation
TP18-86	Install Post Lime Dosing Local Operation Panel complete	Nr	1	52,575	47,431	52,575	47,431	quotation
TP18-87	Install Water Treatment PLC complete (Including in TP19-156)	Nr	1	-	-	-	-	
TP18-88	Install Backwash Water Flow complete	Nr	1	628,360	566,866	628,360	566,866	quotation
Total of page BOQ - 210 to TP 18 Bill Summary						4,057,199	3,660,158	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-89	Install Air Scouring Flow complete	Nr	1	132,286	119,341	132,286	119,341	quotation
TP18-90	Install Post Lime Dosing Flow complete	Nr	1	133,134	120,106	133,134	120,106	quotation
TP18-91	Install Filter Unit Level complete	Nr	4	86,918	78,414	347,672	313,656	quotation
TP18-92	Install Backwash Water Tank Level Switch complete	Nr	1	5,935	5,356	5,935	5,356	quotation
TP18-93	Install Sump Drainage Level Switch complete	Nr	1	5,087	4,592	5,087	4,592	quotation
TP18-94	Install Post Lime Head Tank Level Switch complete	Nr	1	11,447	10,328	11,447	10,328	quotation
TP18-95	Install Instrumentation Panel for Filter Unit complete	Nr	1	218,781	197,371	218,781	197,371	quotation
TP18-96	Install all cable, tray, pipe and other materials complete	Item	1	1,694,707	1,528,854	1,694,707	1,528,854	quotation
TP18-97	All other works necessary to make filtration units equipment complete	Item	1	204,789	184,748	204,789	184,748	quotation
	Clear Water Pump Station							
TP18-98	Install Transmission Pump (A-1) Panel complete	Nr	2	1,048,963	946,306	2,097,926	1,892,612	quotation
TP18-99	Install Transmission Pump (A-2) Panel complete	Nr	2	332,835	300,264	665,670	600,528	quotation
TP18-100	Install Transmission Pump (A-3) Panel complete	Nr	2	749,198	675,879	1,498,396	1,351,758	quotation
TP18-101	Install Transmission Pump (A-1) Local Operation Panel complete	Nr	2	41,127	37,103	82,254	74,206	quotation
TP18-102	Install Transmission Pump (A-2) Local Operation Panel complete	Nr	2	41,127	37,103	82,254	74,206	quotation
Total of page BOQ - 211 to TP 18 Bill Summary						7,180,338	6,477,662	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-103	Install Transmission Pump (A-3) Local Operation Panel complete	Nr	2	41,127	37,103	82,254	74,206	quotation
TP18-104	Install Sump Drainage Pump Local Operation Panel complete	Nr	1	106,846	96,391	106,846	96,391	quotation
TP18-105	Install Chlorination Booster Pump Local Operation Panel complete	Nr	1	114,054	102,894	114,054	102,894	quotation
TP18-106	Install Clear Water Pump PLC complete (including in TP18-156)	Nr	1	-	-	-	-	
TP18-107	Install Clear Water Reservoir Level complete	Nr	2	79,711	71,911	159,422	143,822	quotation
TP18-108	Install Transmission Flow (A-1) complete	Nr	1	698,319	629,978	698,319	629,978	quotation
TP18-109	Install Transmission Flow (A-2) complete	Nr	1	391,771	353,431	391,771	353,431	quotation
TP18-110	Install Transmission Flow (A-3) complete	Nr	1	698,319	629,978	698,319	629,978	quotation
TP18-111	Blank	Nr	1	-	-	-	-	
TP18-112	Install Sump Drainage Level Switch complete	Nr	1	5,087	4,592	5,087	4,592	quotation
TP18-113	Install Transmission Pressure (A-1) complete	Nr	1	67,414	60,819	67,414	60,819	quotation
TP18-114	Install Transmission Pressure (A-2) complete	Nr	1	67,414	60,819	67,414	60,819	quotation
TP18-115	Install Transmission Pressure (A-3) complete	Nr	1	67,414	60,819	67,414	60,819	quotation
TP18-116	Install Instrumentation Panel for Clear Water Pump complete	Nr	1	274,324	247,478	274,324	247,478	quotation
Total of page BOQ - 212 to TP 18 Bill Summary						2,732,638	2,465,227	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-117	Install all cable, tray, pipe and other materials complete	Item	1	2,876,805	2,595,264	2,876,805	2,595,264	quotation
TP18-118	All other works necessary to make clear water reservoir and pump station equipment complete	Item	1	295,524	266,603	295,524	266,603	quotation
Chemical Building								
TP18-119	Install Chemical Dosing MCC complete	Nr	1	819,158	738,991	819,158	738,991	quotation
TP18-120	Install Chemical Dosing Auxiliary Relay Panel complete	Nr	1	346,403	312,504	346,403	312,504	quotation
TP18-121	Install Alum Pump Local Operation Panel complete	Nr	1	41,975	37,868	41,975	37,868	quotation
TP18-122	Install Alum Mixer Local Operation Panel complete	Nr	1	41,127	37,103	41,127	37,103	quotation
TP18-123	Install Lime Pump Local Operation Panel complete	Nr	1	42,399	38,251	42,399	38,251	quotation
TP18-124	Install Lime Mixer Local Operation Panel complete	Nr	1	41,127	37,103	41,127	37,103	quotation
TP18-125	Install Lime Dosing Pump Local Operation Panel complete	Nr	1	41,975	37,868	41,975	37,868	quotation
TP18-126	Install Lime Dust Extract Fan Local Operation Panel complete	Nr	1	42,399	38,251	42,399	38,251	quotation
TP18-127	Blank			-	-	-	-	
TP18-128	Install Chemical Dosing PLC complete (Including TP18-156)	Nr	1	-	-	-	-	
TP18-129	Install Alum Dosing Flow complete	Nr	1	148,821	134,259	148,821	134,259	quotation
Total of page BOQ - 213 to TP 18 Bill Summary						4,737,713	4,274,065	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-130	Install Pre Lime Dosing Flow complete	Nr	1	133,134	120,106	133,134	120,106	quotation
TP18-131	Install Alum Mixing Tank Level Switch complete	Nr	2	11,447	10,328	22,894	20,656	quotation
TP18-132	Install Alum Level Tank Level Switch complete	Nr	1	11,447	10,328	11,447	10,328	quotation
TP18-133	Install Lime Mixing Tank Level Switch complete	Nr	2	11,023	9,946	22,046	19,892	quotation
TP18-134	Install Lime Level Tank Level Switch complete	Nr	1	11,447	10,328	11,447	10,328	quotation
TP18-135	Install Chlorin Cylinder Weight complete	Nr	1	620,304	559,598	620,304	559,598	quotation
TP18-136	Install Instrumentation Panel for Chemical Dosing complete	Nr	1	274,324	247,478	274,324	247,478	quotation
TP18-137	Install all cable, tray, pipe and other materials complete	Item	1	1,193,969	1,077,122	1,193,969	1,077,122	quotation
TP18-138	All other works necessary to make chemical building equipment complete	Item	1	54,695	49,343	54,695	49,343	quotation
Backwash Recovery Facility								
TP18-139	Install Backwash Recovery Pump Local Operation Panel complete	Nr	1	42,399	38,251	42,399	38,251	quotation
TP18-140	Install Backwash Water Return Flow complete	Nr	1	628,360	566,866	628,360	566,866	quotation
TP18-141	Install Backwash Recovery Tank Level complete	Nr	2	79,711	71,911	159,422	143,822	quotation
TP18-142	Install all cable, tray, pipe and other materials complete	Item	1	384,563	346,928	384,563	346,928	quotation
Total of page BOQ - 214 to TP 18 Bill Summary						3,559,004	3,210,718	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-143	All other works necessary to make backwash recovery facility equipment complete Electrical Substation and Generator Building	Item	1	15,263	13,772	15,263	13,772	quotation
TP18-144	Install HT Receiving Panel complete	Nr	1	1,482,286	1,337,221	1,482,286	1,337,221	quotation
TP18-145	Install No.1 HT Feeder Panel complete	Nr	1	1,171,922	1,057,231	1,171,922	1,057,231	quotation
TP18-146	Install No.1 HT Transformer Panel complete	Nr	1	2,257,773	2,036,813	2,257,773	2,036,813	quotation
TP18-147	Install No.1 Transformer Secondary Panel complete	Nr	1	736,479	664,403	736,479	664,403	quotation
TP18-148	Install No.1 LV Feeder Panel complete	Nr	1	435,866	393,212	435,866	393,212	quotation
TP18-149	Install No.2 LV Feeder Panel complete	Nr	1	435,866	393,212	435,866	393,212	quotation
TP18-150	Install Static Capacitor Panel complete	Nr	1	405,763	366,053	405,763	366,053	quotation
TP18-151	Install UPS Equipment complete	Nr	1	1,573,869	1,419,841	1,573,869	1,419,841	quotation
TP18-152	Install Power Receiving PLC complete (Including in TP18-156)	Nr	1	-	-	-	-	
TP18-153	Install generator set and all ancillary equipment complete	Item	1	6,176,009	5,571,585	6,176,009	5,571,585	quotation
TP18-154	Install all cable, tray, pipe and other materials complete	Item	1	6,457,019	5,825,093	6,457,019	5,825,093	quotation
Total of page BOQ - 215 to TP 18 Bill Summary						21,148,115	19,078,436	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TP 18: Installation of Pumps/Fittings, Equipment

WATER TREATMENT PLANT

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TP18-155	All other works necessary to make electrical substation and generator facility complete Administration Building	Item	1	181,045	163,328	181,045	163,328	quotation
TP18-156	Install Monitoring System complete	Nr	1	9,979,569	9,002,904	9,979,569	9,002,904	quotation
TP18-157	Install PLC Panel for Monitoring System -1 complete (Including in TP18-156)	Nr	1	-	-	-	-	
TP18-158	Install PLC Panel for Monitoring System -2 complete (Including in TP18-156)	Nr	1	-	-	-	-	
TP18-159	Install all cable, tray, pipe and other materials complete	Item	1	4,387,500	3,958,110	4,387,500	3,958,110	quotation
TP18-160	All other works necessary to make monitoring system complete Site Work	Item	1	126,350	113,986	126,350	113,986	quotation
TP18-161	Install grounding system complete	Item	1	876,821	791,011	876,821	791,011	quotation
TP18-162	Install all CEB connection complete	Item	1	346,827	312,886	346,827	312,886	quotation
Total of page BOQ - 216 to TP 18 Bill Summary						15,898,112	14,342,225	

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 1 - Sum

Site Work

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 1	Page BOQ - 63 of Bill TP 1	42,273,608	17,665,003
	Page BOQ - 64 of Bill TP 1	10,311,612	4,322,785
	Page BOQ - 65 of Bill TP 1	12,737,176	5,335,233
	Page BOQ - 66 of Bill TP 1	42,366,132	17,767,469
	Page BOQ - 67 of Bill TP 1	9,007,762	3,776,431
TP1-SUM	Total of TP 1 to Bill Summary	116,696,290	48,866,921

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 2 - Sum

Construction of Distribution Chamber

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 2	Page BOQ - 68 of Bill TP 2	2,664,573	1,117,618
	Page BOQ - 69 of Bill TP 2	6,355,161	2,664,792
	Page BOQ - 70 of Bill TP 2	225,829	94,691
	Page BOQ - 71 of Bill TP 2	182,672	76,030
	Page BOQ - 72 of Bill TP 2	181,119	75,915
	Page BOQ - 73 of Bill TP 2	234,085	98,142
	Page BOQ - 74 of Bill TP 2	243,983	102,219
TP2-SUM	Total of TP 2 to Bill Summary	10,087,422	4,229,407

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 3 - Sum

Costruction of Floccuration/Sedimentation Basins

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 3	Page BOQ - 75 of Bill TP 3	21,726,843	9,111,679
	Page BOQ - 76 of Bill TP 3	42,815,792	17,953,302
	Page BOQ - 77 of Bill TP 3	469,119	196,783
TP3-SUM	Total of TP 3 to Bill Summary	65,011,754	27,261,764

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 4 - Sum

Construction of Filtration Units

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 4	Page BOQ - 78 of Bill TP 4	15,796,831	6,621,384
	Page BOQ - 79 of Bill TP 4	35,136,670	14,733,696
	Page BOQ - 80 of Bill TP 4	3,095,271	1,298,288
	Page BOQ - 81 of Bill TP 4	6,481,350	2,718,071
	Page BOQ - 82 of Bill TP 4	1,046,800	426,589
	Page BOQ - 83 of Bill TP 4	3,151,440	1,320,958
	Page BOQ - 84 of Bill TP 4	484,971	203,396
	Page BOQ - 85 of Bill TP 4	1,105,797	463,311
	Page BOQ - 86 of Bill TP 4	1,071,517	448,790
	Page BOQ - 87 of Bill TP 4	759,038	317,907
	Page BOQ - 88 of Bill TP 4	734,625	308,165
TP4-SUM	Total of TP 4 to Bill Summary	68,864,310	28,860,555

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 5 - Sum

Construction of Clear Water Reservoir

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 5	Page BOQ - 89 of Bill TP 5	1,977,153	825,533
	Page BOQ - 90 of Bill TP 5	3,338,411	1,400,352
	Page BOQ - 91 of Bill TP 5	2,403,000	1,007,836
TP5-SUM	Total of TP 5 to Bill Summary	7,718,564	3,233,721

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 6 - Sum

Construction of Clear Water Pump Station

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 6	Page BOQ - 92 of Bill TP 6	4,615,407	1,928,628
	Page BOQ - 93 of Bill TP 6	11,565,227	4,849,023
	Page BOQ - 94 of Bill TP 6	20,399,861	8,556,969
	Page BOQ - 95 of Bill TP 6	5,353,720	2,245,010
	Page BOQ - 96 of Bill TP 6	5,005,739	2,029,468
	Page BOQ - 97 of Bill TP 6	1,928,155	808,222
	Page BOQ - 98 of Bill TP 6	1,548,566	649,602
	Page BOQ - 99 of Bill TP 6	2,415,509	1,012,541
	Page BOQ - 100 of Bill TP 6	2,449,790	1,025,060
	Page BOQ - 101 of Bill TP 6	1,711,356	716,173
	Page BOQ - 102 of Bill TP 6	301,500	126,474
TP6-SUM	Total of TP 6 to Bill Summary	57,294,830	23,947,170

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 7 - Sum

Construction of Chemical Building

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 7	Page BOQ - 103 of Bill TP 7	6,095,357	2,556,725
	Page BOQ - 104 of Bill TP 7	2,842,799	1,192,403
	Page BOQ - 105 of Bill TP 7	3,039,271	1,270,841
	Page BOQ - 106 of Bill TP 7	5,061,710	2,044,685
	Page BOQ - 107 of Bill TP 7	1,556,796	652,029
	Page BOQ - 108 of Bill TP 7	164,992	69,211
	Page BOQ - 109 of Bill TP 7	685,528	287,563
	Page BOQ - 110 of Bill TP 7	344,929	144,674
	Page BOQ - 111 of Bill TP 7	2,542,478	1,065,884
	Page BOQ - 112 of Bill TP 7	1,967,819	821,926
	Page BOQ - 113 of Bill TP 7	887,780	370,718
	Page BOQ - 114 of Bill TP 7	987,105	414,077
	Page BOQ - 115 of Bill TP 7	194,625	81,641
TP7-SUM	Total of TP 7 to Bill Summary	26,371,189	10,972,377

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 8 - Sum

Constructio of Backwash Water Recovery Facility

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 8	Page BOQ - 116 of Bill TP 8	5,843,149	2,448,779
	Page BOQ - 117 of Bill TP 8	10,501,628	4,404,080
	Page BOQ - 118 of Bill TP 8	1,180,938	495,172
	Page BOQ - 119 of Bill TP 8	503,221	206,493
	Page BOQ - 120 of Bill TP 8	180,824	75,847
	Page BOQ - 121 of Bill TP 8	255,239	106,975
	Page BOQ - 122 of Bill TP 8	450,211	188,709
	Page BOQ - 123 of Bill TP 8	278,124	116,117
	Page BOQ - 124 of Bill TP 8	514,879	215,937
TP8-SUM	Total of TP 8 to Bill Summary	19,708,213	8,258,109

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 9 - Sum

Construction of Electrical Substation/Generator Building

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 9	Page BOQ - 125 of Bill TP 9	INCLUDING	INCLUDING
TP9-SUM	Total of TP 9 to Bill Summary	INCLUDING	INCLUDING

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 10 - Sum

Construction of Administration Building

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 10	Page BOQ - 126 of Bill TP 10	280,911	117,668
	Page BOQ - 127 of Bill TP 10	3,501,304	1,468,591
	Page BOQ - 128 of Bill TP 10	1,676,816	702,463
	Page BOQ - 129 of Bill TP 10	1,919,261	775,170
	Page BOQ - 130 of Bill TP 10	635,148	265,724
	Page BOQ - 131 of Bill TP 10	216,686	90,797
	Page BOQ - 132 of Bill TP 10	592,419	248,217
	Page BOQ - 133 of Bill TP 10	319,827	134,153
	Page BOQ - 134 of Bill TP 10	982,132	411,982
	Page BOQ - 135 of Bill TP 10	558,195	234,153
	Page BOQ - 136 of Bill TP 10	389,906	163,540
	Page BOQ - 137 of Bill TP 10	816,611	342,332
	Page BOQ - 138 of Bill TP 10	943,237	395,388
	Page BOQ - 139 of Bill TP 10	3,095,928	1,297,479
	Carried Forward	15,928,381	6,647,657

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 10 - Sum

Construction of Administration Building

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	15,928,381	6,647,657
TP 10	Page BOQ - 140 of Bill TP 10	893,850	373,637
	Page BOQ - 141 of Bill TP 10	502,415	209,490
	Page BOQ - 142 of Bill TP 10	37,070	15,492
	Page BOQ - 143 of Bill TP 10	53,194	22,285
	Page BOQ - 144 of Bill TP 10	383,735	160,970
	Page BOQ - 145 of Bill TP 10	311,852	130,769
	Page BOQ - 146 of Bill TP 10	921,401	386,493
	Page BOQ - 147 of Bill TP 10	2,626,875	1,101,948
TP10-SUM	Total of TP 10 to Bill Summary	21,658,773	9,048,741

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 11 - Sum

Construction of Maintenance Building

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 11	Page BOQ - 148 of Bill TP 11	298,752	125,214
	Page BOQ - 149 of Bill TP 11	1,212,192	508,279
	Page BOQ - 150 of Bill TP 11	1,410,644	576,863
	Page BOQ - 151 of Bill TP 11	466,470	195,636
	Page BOQ - 152 of Bill TP 11	685,603	286,868
	Page BOQ - 153 of Bill TP 11	1,238,146	518,896
	Page BOQ - 154 of Bill TP 11	1,173,417	492,229
	Page BOQ - 155 of Bill TP 11	810,063	339,802
	Page BOQ - 156 of Bill TP 11	319,262	133,903
	Page BOQ - 157 of Bill TP 11	1,110,885	465,728
	Page BOQ - 158 of Bill TP 11	1,234,817	517,235
	Page BOQ - 159 of Bill TP 11	1,172,147	490,403
	Page BOQ - 160 of Bill TP 11	962,625	402,417
	Page BOQ - 161 of Bill TP 11	702,316	294,023
	Carried Forward	12,797,339	5,347,496

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 11 - Sum

Construction of Maintenance Building

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	12,797,339	5,347,496
TP 11	Page BOQ - 162 of Bill TP 11	224,295	94,070
	Page BOQ - 163 of Bill TP 11	126,557	53,076
	Page BOQ - 164 of Bill TP 11	28,666	11,976
	Page BOQ - 165 of Bill TP 11	38,690	16,209
	Page BOQ - 166 of Bill TP 11	436,272	183,010
TP11-SUM	Total of TP 11 to Bill Summary	13,651,819	5,705,837

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 12 - Sum

Construction of Guard House

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 12	Page BOQ - 167 of Bill TP 12	110,037	46,057
	Page BOQ - 168 of Bill TP 12	74,419	31,173
	Page BOQ - 169 of Bill TP 12	89,176	37,119
	Page BOQ - 170 of Bill TP 12	117,453	49,189
	Page BOQ - 171 of Bill TP 12	106,188	44,542
	Page BOQ - 172 of Bill TP 12	293,293	122,937
	Page BOQ - 173 of Bill TP 12	206,661	86,558
	Page BOQ - 174 of Bill TP 12	138,670	58,010
	Page BOQ - 175 of Bill TP 12	23,872	10,010
	Page BOQ - 176 of Bill TP 12	46,232	19,388
	Page BOQ - 177 of Bill TP 12	28,198	11,811
	Page BOQ - 178 of Bill TP 12	457,531	191,915
TP12-SUM	Total of TP 12 to Bill Summary	1,691,730	708,709

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 14 - Sum

Supply of PVC Pipes/Valves/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 14	Page BOQ - 186 of Bill TP 14	1,003,292	420,612
TP14-SUM	Total of TP 14 to Bill Summary	1,003,292	420,612

BILL No.TP 15 - Sum

Laying of DI Pipes/Valves/Pumps/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 15	Page BOQ - 187 of Bill TP 15	2,227,008	933,485
	Page BOQ - 188 of Bill TP 15	281,193	117,948
TP15-SUM	Total of TP 15 to Bill Summary	2,508,201.00	1,051,433

BILL No.TP 16 - Sum

Laying of PVC Pipes/Valves/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 16	Page BOQ - 189 of Bill TP 16	210,431	88,050
TP16-SUM	Total of TP 16 to Bill Summary	210,431.00	88,050

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 18 - Sum

Installation of Pumps/Fittings, Equipment

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TP 18	Page BOQ - 204 of Bill TP 18	12,998,400	11,726,332
	Page BOQ - 205 of Bill TP 18	15,009,823	13,540,916
	Page BOQ - 206 of Bill TP 18	48,119,172	43,409,949
	Page BOQ - 207 of Bill TP 18	6,415,016	5,787,269
	Page BOQ - 208 of Bill TP 18	6,934,418	6,255,820
	Page BOQ - 209 of Bill TP 18	1,651,027	1,489,474
	Page BOQ - 210 of Bill TP 18	4,057,199	3,660,158
	Page BOQ - 211 of Bill TP 18	7,180,338	6,477,662
	Page BOQ - 212 of Bill TP 18	2,732,638	2,465,227
	Page BOQ - 213 of Bill TP 18	4,737,713	4,274,065
	Page BOQ - 214 of Bill TP 18	3,559,004	3,210,718
	Page BOQ - 215 of Bill TP 18	21,148,115	19,078,436
	Page BOQ -216 of Bill TP 18	15,898,112	14,342,225
TP18-SUM	Total of TP 18 to Bill Summary	150,440,975	135,718,251

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 13 - Sum

Supply of DI Pipes/Valves/Pumps/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
TP 13	Page BOQ - 179 of Bill TP 13	3,552,443	11,958,817	3,269,776
	Page BOQ - 180 of Bill TP 13	3,128,556	10,531,382	2,879,518
	Page BOQ - 181 of Bill TP 13	6,610,350	22,253,025	6,084,149
	Page BOQ - 182 of Bill TP 13	1,674,342	5,637,009	1,541,008
	Page BOQ - 183 of Bill TP 13	230,165	774,923	211,854
	Page BOQ - 184 of Bill TP 13	702,201	2,364,566	646,262
	Page BOQ - 185 of Bill TP 13	83,493	281,089	76,849
TP13-SUM	Total of TP 13 to Bill Summary	15,981,550	53,800,811	14,709,416

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP 17 - Sum

Supply of Pumps/Fittings, Equipment

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
TP 17	Page BOQ - 190 of Bill TP 17	12,395,204	63,865,967	9,911,203
	Page BOQ - 191 of Bill TP 17	8,419,024	43,378,914	6,731,853
	Page BOQ - 192 of Bill TP 17	41,266,060	212,622,023	32,996,313
	Page BOQ - 193 of Bill TP 17	22,571,741	116,300,192	18,048,353
	Page BOQ - 194 of Bill TP 17	7,809,679	40,239,351	6,244,631
	Page BOQ - 195 of Bill TP 17	6,301,901	32,470,386	5,038,998
	Page BOQ - 196 of Bill TP 17	927,316	4,778,024	741,484
	Page BOQ - 197 of Bill TP 17	7,635,440	39,341,413	6,105,296
	Page BOQ - 198 of Bill TP 17	10,745,740	55,367,173	8,592,293
	Page BOQ - 199 of Bill TP 17	6,686,658	34,452,861	5,346,651
	Page BOQ - 200 of Bill TP 17	3,501,773	18,042,835	2,800,019
	Page BOQ - 201 of Bill TP 17	4,395,227	22,646,344	3,514,427
	Page BOQ - 202 of Bill TP 17	34,875,603	179,695,390	27,886,509
	Page BOQ - 203 of Bill TP 17	23,756,874	122,406,505	18,995,979
TP17-SUM	Total of TP 17 to Bill Summary	191,288,240	985,607,378	152,954,009

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TP - Sum

BOQ Bill No	BILL DESCRIPTION	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
TP 1	Site Work	116,696,290	48,866,921	-
TP 2	Construction of Distribution Chamber	10,087,422	4,229,407	-
TP 3	Costruction of Floccuration/Sedimentation Basins	65,011,754	27,261,764	-
TP 4	Construction of Filtration Units	68,864,310	28,860,555	-
TP 5	Construction of Clear Water Reservoir	7,718,564	3,233,721	-
TP 6	Construction of Clear Water Pump Station	57,294,830	23,947,170	-
TP 7	Construction of Chemical Building	26,371,189	10,972,377	-
TP 8	Construction of Backwash Water Recovery Facility	19,708,213	8,258,109	-
TP 9	Construction of Electrical Substation/Generator Building	INCL.	INCL.	-
TP 10	Construction of Administration Building	21,658,773	9,048,741	-
TP 11	Construction of Maintenance Building	13,651,819	5,705,837	-
TP 12	Construction of Guard House	1,691,730	708,709	-
TP 13	Supply of DI Pipes/Valves/Fittings for Yard Pipe	15,981,550	53,800,811	14,709,416
TP 14	Supply of RC Pipes/Fittings for Yard Pipe	1,003,292	420,612	-
TP 15	Laying of DI Pipes/Valves/Fittings for Yard Pipe	2,508,201	1,051,433	-
TP 16	Laying of RC Pipes/Fittings for Yard Pipe	210,431	88,050	-
TP 17	Supply of Pumps/Fittings, Equipment	191,288,240	985,607,378	152,954,009
TP 18	Installation of Pumps/Fittings, Equipment	150,440,975	135,718,251	-
TP-SUM	Total of WTP to Grand Summary	770,187,583	1,347,779,846	167,663,425

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	Supply and Delivery at site all DI pipes and fittings including rubber rings, lubricant, gaskets, bolts & nuts, Denso primer, paste, protection tape and all other associated material required for complete installation All DI pipes (except flange pipes) shall be Class - K9 Flange pipes and all fittings except Tees shall be Class - K12 All Tees shall be Class - K14 All Flanges shall be of PN 10, 16, 25 WTP to WTP Junction - Wattegama Line as depicted in Drawing No: 20-C-01									
TM 1 - 1	Socket & Spigot Pipes, dia 600 mm length 6 m, T Type	m	178	7,017	23,882	6,529	1,249,026	4,250,996	1,162,162	quotation
TM 1 - 2	Double Socket Bend, dia 600 mm x 11 ¹ / ₄ ⁰	Nr	6	22,797	77,588	21,214	136,782	465,528	127,284	quotation
TM 1 - 3	Double Socket Bend, dia 600 mm x 22 ¹ / ₂ ⁰	Nr	2	26,626	90,622	24,778	53,252	181,244	49,556	quotation
TM 1 - 4	Double Socket Bend, dia 600 mm x 45 ⁰	Nr	2	33,758	114,895	31,415	67,516	229,790	62,830	quotation
TM 1 - 5	Restrained Joint (T Type), dia 600 mm	Nr	29	11,070	37,677	10,301	321,030	1,092,633	298,729	quotation
TM 1 - 6	Collar, dia 600 mm	Nr	1	28,384	96,604	26,414	28,384	96,604	26,414	quotation
	WTP to Gohagoda Reservoir as depicted in Drawing No: 20-C-02									
TM 1 - 7	Socket & Spigot Pipes, dia 200 mm length 6 m, T Type	m	1,785	1,470	5,004	1,368	2,623,950	8,932,140	2,441,880	quotation
TM 1 - 8	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	793	1,950	6,637	1,814	1,546,350	5,263,141	1,438,502	quotation
TM 1 - 9	Socket & Spigot Pipes, dia 350 mm length 6 m, T Type	m	487	3,179	10,821	2,958	1,548,173	5,269,827	1,440,546	quotation
TM 1 - 10	Double Socket Bend, dia 200 mm x 11 ¹ / ₄ ⁰	Nr	19	4,416	15,030	4,109	83,904	285,570	78,071	quotation
TM 1 - 11	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ ⁰	Nr	7	5,778	19,666	5,377	40,446	137,662	37,639	quotation
Total of page BOQ - 236 to TM 1 Bill Summary							7,698,813	26,205,135	7,163,613	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1- 12	Double Socket Bend, dia 350 mm x 11 ¹ / ₄ "	Nr	7	10,526	35,825	9,795	73,682	250,775	68,565	quotation
TM 1- 13	Double Socket Bend, dia 200 mm x 22 ¹ / ₂ "	Nr	15	4,746	16,153	4,416	71,190	242,295	66,240	quotation
TM 1- 14	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ "	Nr	4	6,194	21,084	5,764	24,776	84,336	23,056	quotation
TM 1- 15	Double Socket Bend, dia 350 mm x 22 ¹ / ₂ "	Nr	6	11,526	39,228	10,725	69,156	235,368	64,350	quotation
TM 1- 16	Double Socket Bend, dia 200 mm x 45°	Nr	1	5,278	17,965	4,912	5,278	17,965	4,912	quotation
TM 1- 17	Double Socket Bend, dia 250 mm x 45°	Nr	1	7,047	23,986	6,558	7,047	23,986	6,558	quotation
TM 1- 18	Double Socket Bend, dia 350 mm x 45°	Nr	3	13,399	45,604	12,469	40,197	136,812	37,407	quotation
TM 1- 19	Collar, dia 200 mm	Nr	9	6,276	21,362	5,840	56,484	192,258	52,560	quotation
TM 1- 20	Collar, dia 250 mm	Nr	4	8,137	27,694	7,572	32,548	110,776	30,288	quotation
TM 1- 21	Collar, dia 350 mm	Nr	2	13,958	47,507	12,989	27,916	95,014	25,978	quotation
	For Air Valve Points (PN 16)									
TM 1- 22	Double Socket Tee with Flanged Branch, dia 200x80 mm	Nr	4	6,322	21,519	5,883	25,288	86,076	23,532	quotation
TM 1- 23	Double Socket Tee with Flanged Branch, dia 250x80 mm	Nr	1	8,071	27,470	7,511	8,071	27,470	7,511	quotation
TM 1- 24	Double Socket Tee with Flanged Branch, dia 350x100 mm	Nr	2	12,802	43,572	11,913	25,604	87,144	23,826	quotation
TM 1- 25	Double Flanged Short Piece(0.25m), dia 80 mm	Nr	1	490	1,671	456	490	1,671	456	quotation
TM 1- 26	Double Flanged Short Piece(0.25m), dia 100 mm	Nr	1	776	2,644	722	776	2,644	722	quotation
TM 1- 27	Collar, dia 200 mm	Nr	4	6,276	21,362	5,840	25,104	85,448	23,360	quotation
TM 1- 28	Collar, dia 250 mm	Nr	1	8,137	27,694	7,572	8,137	27,694	7,572	quotation
TM 1- 29	Collar, dia 350 mm	Nr	4	13,958	47,507	12,989	55,832	190,028	51,956	quotation
TM 1- 30	Single Orifice Air Valve, dia 80 mm	Nr	5	4,570	15,555	4,253	22,850	77,775	21,265	Rate 2001
TM 1- 31	Double Orifice Air Valve, dia 100 mm	Nr	2	96,959	329,995	90,229	193,918	659,990	180,458	quotation
Total of page BOQ - 237 to TM 1 Bill Summary							774,344	2,635,525	720,572	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1- 32	Ball Valve, dia 80 mm	Nr	5	3,979	13,544	3,703	19,895	67,720	18,515	Rate 2001
TM 1- 33	Ball Valve, dia 100 mm	Nr	2	5,637	19,187	5,246	11,274	38,374	10,492	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 16)</u>									
TM 1- 34	Double Socket I/Tee with 200x80 Flanged Branch	Nr	3	6,787	23,101	6,316	20,361	69,303	18,948	quotation
TM 1- 35	Double Socket I/Tee with 200x80 Flanged Branch(PN 10)	Nr	1	6,786	23,098	6,315	6,786	23,098	6,315	quotation
TM 1- 36	Double Socket I/Tee with 250x80 Flanged Branch	Nr	1	8,459	28,790	7,871	8,459	28,790	7,871	quotation
TM 1- 37	Double Socket I/Tee with 350x100 Flanged Branch	Nr	2	14,610	49,726	13,596	29,220	99,452	27,192	quotation
TM 1- 38	Collar, dia 200 mm	Nr	4	6,276	21,362	5,840	25,104	85,448	23,360	quotation
TM 1- 39	Collar, dia 250 mm	Nr	1	8,137	27,694	7,572	8,137	27,694	7,572	quotation
TM 1- 40	Collar, dia 350 mm	Nr	2	13,958	47,507	12,989	27,916	95,014	25,978	quotation
	<u>For Wash Out (PN 16)</u>									
TM 1- 41	Flanged Spigot, dia 80 mm(incl. PN10:Nr 3)	Nr	15	1,422	4,840	1,323	21,330	72,600	19,845	quotation
TM 1- 42	Flanged Spigot, dia 100 mm	Nr	6	1,727	5,881	1,608	10,362	35,286	9,648	quotation
TM 1- 43	Conection Adaptor, dia 80 mm	Nr	5	3,994	13,595	3,717	19,970	67,975	18,585	quotation
TM 1- 44	Conection Adaptor, dia 100 mm	Nr	2	4,825	16,424	4,490	9,650	32,848	8,980	quotation
TM 1- 45	Collar, dia 80 mm	Nr	5	2,693	9,168	2,506	13,465	45,840	12,530	quotation
TM 1- 46	Collar, dia 100 mm	Nr	4	3,345	11,386	3,113	13,380	45,544	12,452	quotation
TM 1- 47	Sluice Valve, dia 80 mm	Nr	5	2,285	7,777	2,126	11,425	38,885	10,630	Rate 2001
TM 1- 48	Sluice Valve, dia 100 mm	Nr	2	2,700	9,191	2,513	5,400	18,382	5,026	Rate 2001
	<u>For junction Detail</u>									
Total of page BOQ - 238 to TM 1 Bill Summary							262,134	892,253	243,939	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1- 49	Double Socket Bend, dia 200mm x 90°	Nr	1	6,138	20,893	5,712	6,138	20,893	5,712	quotation
TM 1- 50	Socket Tee, dia 200 x 200 mm	Nr	2	8,495	28,914	7,905	16,990	57,828	15,810	quotation
TM 1- 51	Socket Tee, dia 250 x 200 mm	Nr	1	10,636	36,201	9,898	10,636	36,201	9,898	quotation
TM 1- 52	Socket Tee, dia 350 x 300 mm	Nr	1	20,157	68,604	18,758	20,157	68,604	18,758	quotation
TM 1- 53	Socket Reducer, dia 200 x 100 mm	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	quotation
TM 1- 54	Socket Reducer, dia 250 x 200 mm	Nr	1	5,627	19,154	5,237	5,627	19,154	5,237	quotation
TM 1- 55	Socket Reducer, dia 350 x 250 mm	Nr	1	9,870	33,592	9,184	9,870	33,592	9,184	quotation
TM 1- 56	Flanged Spigot, dia 100 mm (PN10)	Nr	2	1,727	5,881	1,608	3,454	11,762	3,216	quotation
TM 1- 57	Flanged Spigot, dia 200 mm (PN10)	Nr	1	4,030	13,716	3,750	4,030	13,716	3,750	quotation
TM 1- 58	Flanged Spigot, dia 200 mm (PN16)	Nr	3	4,171	14,198	3,882	12,513	42,594	11,646	quotation
TM 1- 59	Flanged Spigot, dia 250 mm (PN16)	Nr	1	5,940	20,218	5,528	5,940	20,218	5,528	quotation
TM 1- 60	Flanged Spigot, dia 300 mm (PN16)	Nr	1	7,665	26,090	7,133	7,665	26,090	7,133	quotation
TM 1- 61	Short Plain Pipe(2m), dia 100 mm	Nr	1	5,270	17,938	4,904	5,270	17,938	4,904	quotation
TM 1- 62	Short Plain Pipe(2m), dia 200 mm	Nr	2	11,968	40,735	11,138	23,936	81,470	22,276	quotation
TM 1- 63	Short Plain Pipe(2m), dia 300 mm	Nr	3	20,388	69,391	18,973	61,164	208,173	56,919	quotation
TM 1- 64	Flanged Adaptor, dia 100 mm (PN10)	Nr	1	2,550	8,682	2,373	2,550	8,682	2,373	quotation
TM 1- 65	Flanged Adaptor, dia 200 mm (PN10)	Nr	1	4,509	15,348	4,196	4,509	15,348	4,196	quotation
TM 1- 66	Flanged Adaptor, dia 200 mm (PN16)	Nr	3	4,509	15,348	4,196	13,527	46,044	12,588	quotation
TM 1- 67	Flanged Adaptor, dia 250 mm (PN16)	Nr	1	6,018	20,484	5,600	6,018	20,484	5,600	quotation
Total of page BOQ - 239 to TM 1 Bill Summary							223,973	762,335	208,431	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1- 68	Flanged Adaptor, dia 300 mm (PN16)	Nr	1	7,889	26,851	7,341	7,889	26,851	7,341	quotation
TM 1- 69	Connection Adaptor (DI/PVC), dia 200 mm (PN16)	Nr	2	8,683	29,555	8,081	17,366	59,110	16,162	quotation
TM 1- 70	Collar dia 100 mm	Nr	1	3,345	11,386	3,113	3,345	11,386	3,113	quotation
TM 1- 71	Collar dia 200 mm	Nr	8	6,276	21,362	5,840	50,208	170,896	46,720	quotation
TM 1- 72	Collar dia 250 mm	Nr	3	8,137	27,694	7,572	24,411	83,082	22,716	quotation
TM 1- 73	Collar dia 300 mm	Nr	2	11,080	37,711	10,311	22,160	75,422	20,622	quotation
TM 1- 74	Collar dia 350 mm	Nr	1	13,958	47,507	12,989	13,958	47,507	12,989	quotation
TM 1- 75	End Cap dia 100 mm	Nr	1	760	2,589	707	760	2,589	707	quotation
TM 1- 76	Sluice Valve dia 100 mm (PN10)	Nr	1	2,700	9,191	2,513	2,700	9,191	2,513	Rate 2001
TM 1- 77	Sluice Valve dia 200 mm (PN16)	Nr	3	6,027	20,515	5,609	18,081	61,545	16,827	Rate 2001
TM 1- 78	Sluice Valve dia 200 mm (PN10)	Nr	1	6,027	20,515	5,609	6,027	20,515	5,609	Rate 2001
TM 1- 79	Sluice Valve dia 250 mm (PN16)	Nr	1	6,564	22,342	6,108	6,564	22,342	6,108	Rate 2001
TM 1- 80	Sluice Valve dia 300 mm (PN16)	Nr	1	7,111	24,202	6,617	7,111	24,202	6,617	Rate 2001
	Kondadeniya Junction to Kondadeniya Connection as depicted in Drawing No: 20-C-03									
TM 1- 81	Socket & Spigot Pipes, dia 300 mm length 6 m, T Type	m	890	2,476	8,427	2,304	2,203,640	7,500,030	2,050,560	quotation
TM 1- 82	Double Socket Bend, dia 300 mm x 11 ¹ / ₄ "	Nr	23	7,446	25,342	6,929	171,258	582,866	159,367	quotation
TM 1- 83	Double Socket Bend, dia 300 mm x 22 ¹ / ₂ "	Nr	14	8,110	27,603	7,547	113,540	386,442	105,658	quotation
TM 1- 84	Double Socket Bend, dia 300 mm x 45°	Nr	3	9,353	31,835	8,704	28,059	95,505	26,112	quotation
TM 1- 85	Collar, dia 300 mm	Nr	2	11,080	37,711	10,311	22,160	75,422	20,622	quotation
Total of page BOQ - 240 to TM 1 Bill Summary							2,719,237	9,254,903	2,530,363	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<u>For Air Valve Points</u>									
TM 1- 86	Double Socket Tee with Flanged Branch, dia 300x80 mm(PN16)	Nr	2	9,461	32,201	8,804	18,922	64,402	17,608	quotation
TM 1- 87	Double Flanged Short Piece(0.25m), dia 80 mm (PN 16)	Nr	2	490	1,671	456	980	3,342	912	quotation
TM 1- 88	Collar, dia 300 mm	Nr	2	11,080	37,711	10,311	22,160	75,422	20,622	quotation
TM 1- 89	Single Orifice Air Valve, dia 80 mm (PN 16)	Nr	2	4,570	15,555	4,253	9,140	31,110	8,506	Rate 2001
TM 1- 90	Ball Valve, dia 80 mm (PN 16)	Nr	2	3,979	13,544	3,703	7,958	27,088	7,406	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 16)</u>									
TM 1- 91	Double Socket I/Tee with 300x80 mm Flanged Branch	Nr	1	10,590	36,045	9,855	10,590	36,045	9,855	quotation
TM 1- 92	Collar, dia 300 mm	Nr	1	11,080	37,711	10,311	11,080	37,711	10,311	quotation
	<u>For Wash Out</u>									
TM 1- 93	Flanged Spigot, dia 80 mm (PN 16)	Nr	3	1,422	4,840	1,323	4,266	14,520	3,969	quotation
TM 1- 94	Flanged Adaptor, dia 80 mm (PN 16)	Nr	3	2,250	7,658	2,093	6,750	22,974	6,279	quotation
TM 1- 95	Conection Adaptor, dia 80 mm (PN 16)	Nr	1	3,994	13,595	3,717	3,994	13,595	3,717	quotation
TM 1- 96	Collar, dia 80 mm	Nr	1	2,693	9,168	2,506	2,693	9,168	2,506	quotation
TM 1- 97	Sluice Valve, dia 80 mm	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
	<u>For junction Detail</u>									
TM 1- 98	Double Socket Bend, dia 150 mm x 90°	Nr	1	3,751	12,768	3,491	3,751	12,768	3,491	quotation
TM 1- 99	Socket Tee, dia 150 x 150 mm	Nr	2	5,370	18,278	4,997	10,740	36,556	9,994	quotation
TM 1-100	Socket Tee, dia 300 x 150 mm	Nr	1	11,505	39,157	10,706	11,505	39,157	10,706	quotation
TM 1-101	Socket Reducer, dia 300 x 150 mm	Nr	1	7,178	24,430	6,679	7,178	24,430	6,679	quotation
Total of page BOQ - 241 to TM 1 Bill Summary							133,992	456,065	124,687	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-102	Short Plain Pipe(2m), dia 150 mm	Nr	11	8,404	28,603	7,820	92,444	314,633	86,020	quotation
TM 1-103	Flanged Spigot dia 150 mm (PN16)	Nr	4	2,846	9,689	2,649	11,384	38,756	10,596	quotation
TM 1-104	Flanged Adaptor dia 150 mm (PN16)	Nr	4	3,420	11,640	3,182	13,680	46,560	12,728	quotation
TM 1-105	Connection Adaptor (DI/PVC) dia 150 mm (PN16)	Nr	4	6,422	21,860	5,977	25,688	87,440	23,908	quotation
TM 1-106	Collar dia 150 mm	Nr	4	5,034	17,136	4,685	20,136	68,544	18,740	quotation
TM 1-107	Collar dia 300 mm	Nr	1	11,080	37,711	10,311	11,080	37,711	10,311	quotation
TM 1-108	Sluice Valve dia 150 mm (PN16)	Nr	4	4,362	14,847	4,059	17,448	59,388	16,236	Rate 2001
	River Crossing to Asgiriya Reservoir as depicted in Drawing No: 20-C-04									
TM 1-109	Socket & Spigot Pipes, dia 500 mm length 6 m, T Type	m	203	5,315	18,090	4,946	1,078,945	3,672,270	1,004,038	quotation
TM 1-110	Socket & Spigot Pipes, dia 700 mm length 6 m, T Type	m	1,850	9,141	31,113	8,507	16,910,850	57,559,050	15,737,950	quotation
TM 1-111	Socket & Spigot Pipes, dia 800 mm length 6 m, T Type	m	300	11,348	38,623	10,560	3,404,400	11,586,900	3,168,000	quotation
TM 1-112	Double Socket Bend, dia 500 mm x 11 ¹ / ₄	Nr	7	17,497	59,552	16,283	122,479	416,864	113,981	quotation
TM 1-113	Double Socket Bend, dia 700 mm x 11 ¹ / ₄	Nr	33	38,269	130,248	35,613	1,262,877	4,298,184	1,175,229	quotation
TM 1-114	Double Socket Bend, dia 800 mm x 11 ¹ / ₄	Nr	9	42,522	144,721	39,570	382,698	1,302,489	356,130	quotation
TM 1-115	Double Socket Bend, dia 500 mm x 22 ¹ / ₂	Nr	5	19,916	67,784	18,533	99,580	338,920	92,665	quotation
TM 1-116	Double Socket Bend, dia 700 mm x 22 ¹ / ₂	Nr	17	39,202	133,421	36,480	666,434	2,268,157	620,160	quotation
TM 1-117	Double Socket Bend, dia 800 mm x 22 ¹ / ₂	Nr	4	50,537	172,001	47,029	202,148	688,004	188,116	quotation
TM 1-118	Double Socket Bend, dia 500 mm x 45°	Nr	3	24,342	82,847	22,652	73,026	248,541	67,956	quotation
TM 1-119	Double Socket Bend, dia 700 mm x 45°	Nr	3	49,572	168,717	46,131	148,716	506,151	138,393	quotation
Total of page BOQ - 242 to TM 1 Bill Summary							24,544,013	83,538,562	22,841,157	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-120	Double Socket Bend, dia 800 mm x 45°	Nr	1	65,104	221,579	60,585	65,104	221,579	60,585	quotation
TM 1-121	Restrained Joint (T Type), dia 700 mm	Nr	143	40,467	137,727	37,658	5,786,781	19,694,961	5,385,094	quotation
TM 1-122	Restrained Joint (T Type), dia 800 mm	Nr	29	51,611	175,655	48,028	1,496,719	5,093,995	1,392,812	quotation
TM 1-123	Collar, dia 500 mm	Nr	1	22,460	76,443	20,901	22,460	76,443	20,901	quotation
TM 1-124	Collar, dia 700 mm	Nr	9	39,149	133,243	36,432	352,341	1,199,187	327,888	quotation
TM 1-125	Collar, dia 800 mm	Nr	2	47,707	162,370	44,396	95,414	324,740	88,792	quotation
	<u>For Air Valve Points</u>									
TM 1-126	Double Socket Tee with Flanged Branch, dia 700x150mm(PN10)	Nr	1	42,781	145,605	39,812	42,781	145,605	39,812	quotation
TM 1-127	Double Socket Tee with Flanged Branch, dia 700x150mm(PN16)	Nr	1	42,781	145,605	39,812	42,781	145,605	39,812	quotation
TM 1-128	Double Socket Tee with Flanged Branch, dia 700x150mm(PN25)	Nr	1	42,781	145,605	39,812	42,781	145,605	39,812	quotation
TM 1-129	Collar, dia 700 mm	Nr	6	39,149	133,243	36,432	234,894	799,458	218,592	quotation
TM 1-130	Double Orifice Air Valve, dia 150 mm (PN 10)	Nr	1	121,435	413,296	113,005	121,435	413,296	113,005	quotation
TM 1-131	Double Orifice Air Valve, dia 150 mm (PN 16)	Nr	1	121,435	413,296	113,005	121,435	413,296	113,005	quotation
TM 1-132	Double Orifice Air Valve, dia 150 mm (PN 25)	Nr	1	121,435	413,296	113,005	121,435	413,296	113,005	quotation
TM 1-133	Ball Valve, dia 150 mm (PN 16)	Nr	3	13,266	45,150	12,345	39,798	135,450	37,035	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point</u>									
TM 1-134	Double Socket I/Tee with 700x150 Flanged Branch(PN 16)	Nr	1	44,453	151,293	41,367	44,453	151,293	41,367	quotation
TM 1-135	Double Socket I/Tee with 700x150 Flanged Branch(PN 25)	Nr	2	42,781	145,605	39,812	85,562	291,210	79,624	quotation
TM 1-136	Collar, dia 700 mm	Nr	3	39,149	133,243	36,432	117,447	399,729	109,296	quotation
	<u>For Wash Out</u>									
Total of page BOQ - 243 to TM 1 Bill Summary							8,833,621	30,064,748	8,220,437	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-137	Flanged Spigot, dia 150 mm (PN 16)	Nr	3	2,846	9,689	2,649	8,538	29,067	7,947	quotation
TM 1-138	Flanged Spigot, dia 150 mm (PN 25)	Nr	6	3,190	10,860	2,969	19,140	65,160	17,814	quotation
TM 1-139	Collar, dia 150 mm	Nr	3	5,034	17,136	4,685	15,102	51,408	14,055	quotation
TM 1-140	Connection Adaptor, dia 150 mm (PN 16)	Nr	1	6,422	21,860	5,977	6,422	21,860	5,977	quotation
TM 1-141	Connection Adaptor, dia 150 mm (PN 25)	Nr	2	6,422	21,860	5,977	12,844	43,720	11,954	quotation
TM 1-142	Sluice Valve, dia 150 mm (PN 16)	Nr	1	4,362	14,847	4,059	4,362	14,847	4,059	Rate 2001
TM 1-143	Sluice Valve, dia 150 mm (PN 25)	Nr	2	4,362	14,847	4,059	8,724	29,694	8,118	Rate 2001
	<u>For junction Detail</u>									
TM 1-144	Socket Tee, dia 600 x 600 mm	Nr	1	54,121	184,199	50,364	54,121	184,199	50,364	quotation
TM 1-145	Socket Tee, dia 700 x 600 mm	Nr	1	70,039	238,374	65,177	70,039	238,374	65,177	quotation
TM 1-146	Socket Reducer, dia 600 x 400 mm	Nr	1	24,280	82,637	22,595	24,280	82,637	22,595	quotation
TM 1-147	Puddle Flanged Plain Pipe (1.5m), dia 400 mm (PN25)	Nr	1	28,580	97,270	26,596	28,580	97,270	26,596	quotation
TM 1-148	Puddle Flanged Plain Pipe (1.5m), dia 600 mm (PN25)	Nr	1	51,964	176,858	48,357	51,964	176,858	48,357	quotation
TM 1-149	Puddle Flanged Plain Pipe (1.5m), dia 700 mm (PN25)	Nr	1	66,845	227,503	62,205	66,845	227,503	62,205	quotation
TM 1-150	Puddle Plain Pipe (1.5m), dia 400 mm	Nr	1	24,444	83,196	22,747	24,444	83,196	22,747	quotation
TM 1-151	Puddle Plain Pipe (1.5m), dia 600 mm	Nr	1	44,793	152,452	41,684	44,793	152,452	41,684	quotation
TM 1-152	Puddle Plain Pipe (1.5m), dia 700 mm	Nr	1	57,173	194,585	53,204	57,173	194,585	53,204	quotation
TM 1-153	Short Plain Pipe(2m), dia 400 mm	Nr	2	30,436	103,588	28,323	60,872	207,176	56,646	quotation
TM 1-154	Short Plain Pipe(2m), dia 600 mm	Nr	3	55,697	189,562	51,831	167,091	568,686	155,493	quotation
TM 1-155	Flanged Adaptor dia 400 mm (PN25)	Nr	1	12,059	41,044	11,222	12,059	41,044	11,222	quotation
Total of page BOQ - 244 to TM 1 Bill Summary							737,393	2,509,736	686,214	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-156	Flanged Adaptor dia 600 mm (PN25)	Nr	1	22,755	77,447	21,176	22,755	77,447	21,176	quotation
TM 1-157	Flanged Adaptor dia 700 mm (PN25)	Nr	1	24,902	84,752	23,173	24,902	84,752	23,173	quotation
TM 1-158	Collar dia 400 mm	Nr	2	16,876	57,437	15,704	33,752	114,874	31,408	quotation
TM 1-159	Collar dia 600 mm	Nr	1	28,384	96,604	26,414	28,384	96,604	26,414	quotation
TM 1-160	Collar dia 700 mm	Nr	3	39,149	133,243	36,432	117,447	399,729	109,296	quotation
TM 1-161	End Cap dia 600 mm	Nr	1	17,795	60,564	16,559	17,795	60,564	16,559	quotation
TM 1-162	Butterfly Valve dia 400 mm (PN25)	Nr	1	31,842	108,373	29,631	31,842	108,373	29,631	Rate 2001
TM 1-163	Butterfly Valve dia 600 mm (PN25)	Nr	1	72,577	247,011	67,539	72,577	247,011	67,539	Rate 2001
TM 1-164	Butterfly Valve dia 700 mm (PN25)	Nr	1	128,766	438,246	119,827	128,766	438,246	119,827	Rate 2001
	Uplands Junction to Uplands Reservoir as depicted in Drawing No: 20-C-05									
TM 1-165	Socket & Spigot Pipes, dia 400 mm length 6 m, T Type	m	2,019	3,818	12,996	3,553	7,708,542	26,238,924	7,173,507	quotation
TM 1-166	Double Socket Bend, dia 400 mm x 11 ¹ / ₄ '	Nr	46	12,696	43,211	11,815	584,016	1,987,706	543,490	quotation
TM 1-167	Double Socket Bend, dia 400 mm x 22 ¹ / ₂ '	Nr	27	14,115	48,040	13,135	381,105	1,297,080	354,645	quotation
TM 1-168	Double Socket Bend, dia 400 mm x 45°	Nr	4	16,546	56,315	15,397	66,184	225,260	61,588	quotation
TM 1-169	Double Socket Bend, dia 400 mm x 90°	Nr	2	21,237	72,281	19,763	42,474	144,562	39,526	quotation
TM 1-170	Restrained Joint (T Type), dia 400 mm	Nr	16	6,887	23,442	6,409	110,192	375,072	102,544	quotation
TM 1-171	Collar, dia 400 mm	Nr	10	16,876	57,437	15,704	168,760	574,370	157,040	quotation
	For Valve Points (PN 16)									
Total of page BOQ - 245 to TM 1 Bill Summary							9,539,493	32,470,574	8,877,363	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-172	Flanged Spigot Piece, dia 400 mm	Nr	1	13,438	45,738	12,505	13,438	45,738	12,505	quotation
TM 1-173	Flanged Adaptor, dia 400 mm	Nr	1	12,030	40,946	11,195	12,030	40,946	11,195	quotation
TM 1-174	Collar, dia 400 mm	Nr	2	16,876	57,437	15,704	33,752	114,874	31,408	quotation
TM 1-175	Butterfly Valve, dia 400 mm	Nr	1	31,842	108,373	29,631	31,842	108,373	29,631	Rate 2001
	<u>For Air Valve Points</u>									
TM 1-176	Double Socket Tee with Flanged Branch, dia 400x100mm(PN16)	Nr	1	15,128	51,490	14,078	15,128	51,490	14,078	quotation
TM 1-177	Double Socket Tee with Flanged Branch, dia 400x100mm(PN25)	Nr	1	15,323	52,152	14,259	15,323	52,152	14,259	quotation
TM 1-178	Collar, dia 400 mm	Nr	4	16,876	57,437	15,704	67,504	229,748	62,816	quotation
TM 1-179	Double Orifice Air Valve, dia 100 mm (PN 16)	Nr	1	96,959	329,995	90,229	96,959	329,995	90,229	quotation
TM 1-180	Double Orifice Air Valve, dia 100 mm (PN 25)	Nr	1	96,959	329,995	90,229	96,959	329,995	90,229	quotation
TM 1-181	Ball Valve, dia 100 mm (PN 16)	Nr	1	5,637	19,187	5,246	5,637	19,187	5,246	Rate 2001
TM 1-182	Ball Valve, dia 100 mm (PN 25)	Nr	1	5,637	19,187	5,246	5,637	19,187	5,246	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 25)</u>									
TM 1-183	Double Socket I/Tee with 400x100 Flanged Branch (PN 16)	Nr	2	17,168	58,430	15,976	34,336	116,860	31,952	quotation
TM 1-184	Double Socket I/Tee with 400x100 Flanged Branch (PN 25)	Nr	1	17,362	59,091	16,157	17,362	59,091	16,157	quotation
TM 1-185	Double Socket Bend, dia 400 mmx45°	Nr	2	16,546	56,315	15,397	33,092	112,630	30,794	quotation
TM 1-186	Collar, dia 400 mm	Nr	5	16,876	57,437	15,704	84,380	287,185	78,520	quotation
Total of page BOQ - 246 to TM 1 Bill Summary							563,379	1,917,451	524,265	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<u>For Wash Out</u>									
TM 1-187	Flanged Spigot, dia 100 mm (PN 16)	Nr	6	1,727	5,881	1,608	10,362	35,286	9,648	quotation
TM 1-188	Flanged Spigot, dia 100 mm (PN 25)	Nr	3	1,727	5,881	1,608	5,181	17,643	4,824	quotation
TM 1-189	Collar, dia 100 mm	Nr	3	3,345	11,386	3,113	10,035	34,158	9,339	quotation
TM 1-190	Conection Adaptor, dia 100 mm (PN 16)	Nr	2	4,825	16,424	4,490	9,650	32,848	8,980	quotation
TM 1-191	Conection Adaptor, dia 100 mm (PN 25)	Nr	1	4,825	16,424	4,490	4,825	16,424	4,490	quotation
TM 1-192	Sluice Valve, dia 100 mm (PN 16)	Nr	2	2,700	9,191	2,513	5,400	18,382	5,026	Rate 2001
TM 1-193	Sluice Valve, dia 100 mm (PN 25)	Nr	1	2,700	9,191	2,513	2,700	9,191	2,513	Rate 2001
	<u>For junction Detail</u>									
TM 1-194	Socket Tee, dia 400 x 300 mm	Nr	1	21,950	74,708	20,427	21,950	74,708	20,427	quotation
TM 1-195	Socket Reducer, dia 300 x 250 mm	Nr	1	7,103	24,177	6,610	7,103	24,177	6,610	quotation
TM 1-196	Flanged Spigot dia 250 mm (PN16)	Nr	1	5,940	20,218	5,528	5,940	20,218	5,528	quotation
TM 1-197	Flanged Spigot dia 400 mm (PN16)	Nr	1	13,438	45,738	12,505	13,438	45,738	12,505	quotation
TM 1-198	Puddle Flanged Plain Pipe, dia 250 mm (PN16)	Nr	1	37,196	126,596	34,614	37,196	126,596	34,614	quotation
TM 1-199	Puddle Flanged Plain Pipe, dia 400 mm (PN16)	Nr	1	72,071	245,290	67,068	72,071	245,290	67,068	quotation
TM 1-200	Short Plain Pipe(2m), dia 250 mm	Nr	2	15,927	54,209	14,822	31,854	108,418	29,644	quotation
TM 1-201	Short Plain Pipe(2m), dia 300 mm	Nr	1	20,388	69,391	18,973	20,388	69,391	18,973	quotation
TM 1-202	Short Plain Pipe(2m), dia 400 mm	Nr	2	30,436	103,588	28,323	60,872	207,176	56,646	quotation
TM 1-203	Flanged Adaptor dia 250 mm (PN16)	Nr	1	6,018	20,484	5,600	6,018	20,484	5,600	quotation
TM 1-204	Flanged Adaptor dia 400 mm (PN16)	Nr	1	12,030	40,946	11,195	12,030	40,946	11,195	quotation
Total of page BOQ - 247 to TM 1 Bill Summary							337,013	1,147,074	313,630	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-205	Collar dia 250 mm	Nr	1	8,137	27,694	7,572	8,137	27,694	7,572	quotation
TM 1-206	Collar dia 400 mm	Nr	2	16,876	57,437	15,704	33,752	114,874	31,408	quotation
TM 1-207	End Cap dia 250 mm	Nr	1	3,066	10,435	2,853	3,066	10,435	2,853	quotation
TM 1-208	Butterfly Valve dia 400 mm (PN16)	Nr	1	31,842	108,373	29,631	31,842	108,373	29,631	Rate 2001
TM 1-209	Sluice Valve dia 250 mm (PN16)	Nr	1	6,564	22,342	6,108	6,564	22,342	6,108	Rate 2001
Asgiriya Pump House to Bahirawakanda Res as depicted in Drawing No : 20 - C - 06										
TM 1-210	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	1,801	1,950	6,637	1,814	3,511,950	11,953,237	3,267,014	quotation
TM 1-211	Socket & Spigot Pipes, dia 500 mm length 6 m, T Type	m	491	5,315	18,090	4,946	2,609,665	8,882,190	2,428,486	quotation
TM 1-212	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ "	Nr	47	5,778	19,666	5,377	271,566	924,302	252,719	quotation
TM 1-213	Double Socket Bend, dia 500 mm x 11 ¹ / ₄ "	Nr	5	17,497	59,552	16,283	87,485	297,760	81,415	quotation
TM 1-214	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ "	Nr	34	6,194	21,084	5,764	210,596	716,856	195,976	quotation
TM 1-215	Double Socket Bend, dia 500 mm x 22 ¹ / ₂ "	Nr	6	19,916	67,784	18,533	119,496	406,704	111,198	quotation
TM 1-216	Double Socket Bend, dia 250 mm x 45°	Nr	6	7,047	23,986	6,558	42,282	143,916	39,348	quotation
TM 1-217	Double Socket Bend, dia 500 mm x 45°	Nr	1	24,342	82,847	22,652	24,342	82,847	22,652	quotation
TM 1-218	Double Socket Bend, dia 250 mm x 90°	Nr	3	8,601	29,275	8,004	25,803	87,825	24,012	quotation
TM 1-219	Restrained Joint (T Type), dia 500 mm	Nr	4	9,159	31,172	8,523	36,636	124,688	34,092	quotation
TM 1-220	Collar, dia 250 mm	Nr	9	8,137	27,694	7,572	73,233	249,246	68,148	quotation
TM 1-221	Collar, dia 500 mm	Nr	2	22,460	76,443	20,901	44,920	152,886	41,802	quotation
For Valve Points (PN 16)										
TM 1-222	Flanged Spigot Piece, dia 250 mm	Nr	1	5,940	20,218	5,528	5,940	20,218	5,528	quotation
TM 1-223	Flanged Adaptor, dia 250 mm	Nr	1	6,018	20,484	5,600	6,018	20,484	5,600	quotation
TM 1-224	Collar dia 250 mm	Nr	2	8,137	27,694	7,572	16,274	55,388	15,144	quotation
Total of page BOQ - 248 to TM 1 Bill Summary							7,169,567	24,402,265	6,670,706	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-225	Sluice Valve dia 250 mm	Nr	1	6,564	22,342	6,108	6,564	22,342	6,108	Rate 2001
	<u>For Air Valve Points</u>									
TM 1-226	Double Socket Tee with Flanged Branch, dia 250x80 mm(PN10)	Nr	1	8,071	27,470	7,511	8,071	27,470	7,511	quotation
TM 1-227	Double Socket Tee with Flanged Branch, dia 250x80 mm(PN16)	Nr	2	8,071	27,470	7,511	16,142	54,940	15,022	quotation
TM 1-228	Collar, dia 250 mm	Nr	3	8,137	27,694	7,572	24,411	83,082	22,716	quotation
TM 1-229	Single Orifice Air Valve, dia 80 mm (PN 10)	Nr	1	4,570	15,555	4,253	4,570	15,555	4,253	Rate 2001
TM 1-230	Single Orifice Air Valve, dia 80 mm (PN 16)	Nr	2	4,570	15,555	4,253	9,140	31,110	8,506	Rate 2001
TM 1-231	Ball Valve, dia 80 mm (PN 10)	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	Rate 2001
TM 1-232	Ball Valve, dia 80 mm (PN 16)	Nr	2	3,979	13,544	3,703	7,958	27,088	7,406	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 16)</u>									
TM 1-233	Double Socket I/Tee with 250x80 Flanged Branch(PN10)	Nr	1	8,459	28,790	7,871	8,459	28,790	7,871	quotation
TM 1-234	Double Socket I/Tee with 250x80 Flanged Branch(PN 16)	Nr	2	8,459	28,790	7,871	16,918	57,580	15,742	quotation
TM 1-235	Double Socket I/Tee with 500x100 Flanged Branch(PN 10)	Nr	2	23,206	78,981	21,595	46,412	157,962	43,190	quotation
TM 1-236	Collar, dia 250 mm	Nr	3	8,137	27,694	7,572	24,411	83,082	22,716	quotation
TM 1-237	Collar, dia 500 mm	Nr	2	22,460	76,443	20,901	44,920	152,886	41,802	quotation
	<u>For Wash Out (PN 16)</u>									
TM 1-238	Flanged Spigot, dia 80 mm	Nr	9	1,422	4,840	1,323	12,798	43,560	11,907	quotation
TM 1-239	Flanged Spigot, dia 100 mm	Nr	6	1,727	5,881	1,608	10,362	35,286	9,648	quotation
TM 1-240	Conection Adaptor, dia 80 mm	Nr	3	3,994	13,595	3,717	11,982	40,785	11,151	Rate 2001
TM 1-241	Conection Adaptor, dia 100 mm	Nr	2	4,825	16,424	4,490	9,650	32,848	8,980	quotation
TM 1-242	Collar, dia 80 mm	Nr	3	2,693	9,168	2,506	8,079	27,504	7,518	quotation
Total of page BOQ - 249 to TM 1 Bill Summary							274,826	935,414	255,750	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-243	Collar, dia 100 mm	Nr	2	3,345	11,386	3,113	6,690	22,772	6,226	quotation
TM 1-244	Sluice Valve, dia 80 mm	Nr	3	2,285	7,777	2,126	6,855	23,331	6,378	Rate 2001
TM 1-245	Sluice Valve, dia 100 mm	Nr	2	2,700	9,191	2,513	5,400	18,382	5,026	Rate 2002
	<u>For junction Detail</u>									
TM 1-246	Socket Tee, dia 500 x 300 mm	Nr	1	28,563	97,212	26,580	28,563	97,212	26,580	quotation
TM 1-247	Socket Tee, dia 700 x 600 mm	Nr	1	70,039	238,374	65,177	70,039	238,374	65,177	quotation
TM 1-248	Socket Reducer, dia 300 x 250 mm	Nr	1	7,103	24,177	6,610	7,103	24,177	6,610	quotation
TM 1-249	Socket Reducer, dia 600 x 500 mm	Nr	1	22,352	76,074	20,800	22,352	76,074	20,800	quotation
TM 1-250	Socket Reducer, dia 700 x 500 mm	Nr	1	33,882	115,315	31,530	33,882	115,315	31,530	quotation
TM 1-251	Flanged Spigot dia 500 mm (PN10)	Nr	3	17,373	59,128	16,167	52,119	177,384	48,501	quotation
TM 1-252	Double Socket Bend dia 600 mm x 22.5°	Nr	1	26,626	90,622	24,778	26,626	90,622	24,778	quotation
TM 1-253	Double Socket Bend dia 600 mm x 45°	Nr	1	33,758	114,895	31,415	33,758	114,895	31,415	quotation
TM 1-254	Short Plain Pipe(2m), dia 250 mm	Nr	1	15,927	54,209	14,822	15,927	54,209	14,822	quotation
TM 1-255	Short Plain Pipe(2m), dia 300 mm	Nr	1	20,388	69,391	18,973	20,388	69,391	18,973	quotation
TM 1-256	Short Plain Pipe(2m), dia 500 mm	Nr	4	42,209	143,655	39,279	168,836	574,620	157,116	quotation
TM 1-257	Short Plain Pipe(2m), dia 600 mm	Nr	1	55,697	189,562	51,831	55,697	189,562	51,831	quotation
TM 1-258	Short Plain Pipe(2m), dia 700 mm	Nr	2	70,856	241,154	65,937	141,712	482,308	131,874	quotation
TM 1-259	Flanged Adaptor dia 500 mm (PN10)	Nr	3	17,257	58,734	16,059	51,771	176,202	48,177	quotation
TM 1-260	Collar dia 500 mm	Nr	5	22,460	76,443	20,901	112,300	382,215	104,505	quotation
TM 1-261	Collar dia 600 mm	Nr	1	28,384	96,604	26,414	28,384	96,604	26,414	quotation
Total of page BOQ - 250 to TM 1 Bill Summary							888,402	3,023,649	826,733	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-262	Collar dia 700 mm	Nr	1	39,149	133,243	36,432	39,149	133,243	36,432	quotation
TM 1-263	End Cap dia 500 mm	Nr	1	16,015	54,507	14,903	16,015	54,507	14,903	quotation
TM 1-264	Butterfly Valve dia 500 mm (PN10)	Nr	3	50,804	172,908	47,277	152,412	518,724	141,831	Rate 2001
	WTP Junction to Katugastota Bridge Junction as depicted in Drawing No:20-C-07									
TM 1-265	Socket & Spigot Pipes, dia 600 mm length 6 m, T Type	m	421	7,017	23,882	6,529	2,954,157	10,054,322	2,748,709	quotation
TM 1-266	Double Socket Bend, dia 600 mm x 11 ¹ / ₄ ⁰	Nr	4	22,797	77,588	21,214	91,188	310,352	84,856	quotation
TM 1-267	Double Socket Bend, dia 600 mm x 22 ¹ / ₂ ⁰	Nr	6	26,626	90,622	24,778	159,756	543,732	148,668	quotation
TM 1-268	Double Socket Bend, dia 600 mm x 45 ⁰	Nr	5	33,758	114,895	31,415	168,790	574,475	157,075	quotation
TM 1-269	Double Socket Bend, dia 600 mm x 90 ⁰	Nr	1	46,492	158,232	43,264	46,492	158,232	43,264	quotation
TM 1-270	Restrained Joint (T Type) dia 600 mm	Nr	50	11,070	37,677	10,301	553,500	1,883,850	515,050	quotation
TM 1-271	Collar dia 600 mm	Nr	2	28,384	96,604	26,414	56,768	193,208	52,828	quotation
	For Air Valve Points (PN 16)									
TM 1-272	Double Socket Tee with Flanged Branch, dia 600x100 mm	Nr	1	25,439	86,583	23,674	25,439	86,583	23,674	quotation
TM 1-273	Collar, dia 600 mm	Nr	2	28,384	96,604	26,414	56,768	193,208	52,828	quotation
TM 1-274	Double Orifice Air Valve, dia 100 mm	Nr	1	96,959	329,995	90,229	96,959	329,995	90,229	quotation
TM 1-275	Ball Valve, dia 100 mm	Nr	1	5,637	19,187	5,246	5,637	19,187	5,246	Rate 2001
	For Culvert/Utility Crossing and Depression Point (PN 16)									
TM 1-276	Double Socket I/Tee with 600x100 Flanged Branch	Nr	1	29,512	100,443	27,463	29,512	100,443	27,463	quotation
TM 1-277	Collar dia 600 mm	Nr	1	28,384	96,604	26,414	28,384	96,604	26,414	quotation
	For Wash Out (PN 16)									
TM 1-278	Flanged Spigot, dia 100 mm	Nr	3	1,727	5,881	1,608	5,181	17,643	4,824	quotation
Total of page BOQ - 251 to TM 1 Bill Summary							4,486,107	15,268,308	4,174,294	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-279	Collar dia 100 mm	Nr	1	3,345	11,386	3,113	3,345	11,386	3,113	quotation
TM 1-280	Connection Adapter, dia 100 mm	Nr	1	4,825	16,424	4,490	4,825	16,424	4,490	quotation
TM 1-281	Sluice Valve, dia 100 mm	Nr	1	2,700	9,191	2,513	2,700	9,191	2,513	Rate 2001
	<u>For junction Detail (PN 16)</u>									
TM 1-282	Double Socket Tee with Flanged Branch, dia 600 x 600 mm	Nr	1	64,341	218,980	59,874	64,341	218,980	59,874	quotation
TM 1-283	Puddle Flanged Plain Pipe (1.5m), dia 600 mm	Nr	1	50,998	173,568	47,457	50,998	173,568	47,457	quotation
TM 1-284	Puddle Plain Pipe (1.5m), dia 600 mm	Nr	1	44,793	152,452	41,684	44,793	152,452	41,684	quotation
TM 1-285	Flanged Adaptor dia 600 mm	Nr	1	22,750	77,431	21,171	22,750	77,431	21,171	quotation
TM 1-286	Collar dia 600 mm	Nr	2	28,384	96,604	26,414	56,768	193,208	52,828	quotation
TM 1-287	Flanged Plug dia 600 mm	Nr	1	17,795	60,564	16,559	17,795	60,564	16,559	quotation
TM 1-288	Butterfly Valve dia 600 mm	Nr	1	72,577	247,011	67,539	72,577	247,011	67,539	Rate 2001
	Pihilladeniya Junction to Pihilladeniya Reservoir as depicted in Drawing No: 20-C-09									
TM 1-289	Socket & Spigot Pipes, dia 200 mm length 6 m, T Type	m	100	1,470	5,004	1,368	147,000	500,400	136,800	quotation
TM 1-290	Double Socket Bend, dia 200 mm x 11 ¹ / ₄	Nr	2	4,416	15,030	4,109	8,832	30,060	8,218	quotation
TM 1-291	Connection Adaptor, dia 200 mm	Nr	1	8,683	29,555	8,081	8,683	29,555	8,081	quotation
TM 1-292	Collar dia 200 mm	Nr	1	6,276	21,362	5,840	6,276	21,362	5,840	quotation
	<u>For Valve Points</u>									
TM 1-293	Flanged Spigot dia 200 mm (PN10)	Nr	1	4,030	13,716	3,750	4,030	13,716	3,750	quotation
TM 1-294	Flanged Adaptor, dia 200 mm (PN10)	Nr	1	4,509	15,348	4,196	4,509	15,348	4,196	quotation
TM 1-295	Connection Adaptor, dia 200 mm (PN10)	Nr	2	8,683	29,555	8,081	17,366	59,110	16,162	quotation
TM 1-296	Collar dia 200 mm	Nr	2	6,276	21,362	5,840	12,552	42,724	11,680	quotation
Total of page BOQ - 252 to TM 1 Bill Summary							550,140	1,872,490	511,955	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-297	Toothed Vain Valve, dia 200 mm (PN10)	Nr	1	208,882	710,914	194,382	208,882	710,914	194,382	quotation
	<u>For Air Valve Points</u>									
TM 1-298	Double Socket Tee with Flanged Branch, dia 200x80 mm(PN10)	Nr	1	6,322	21,519	5,883	6,322	21,519	5,883	quotation
TM 1-299	Connection Adaptor, dia 200 mm (PN10)	Nr	2	8,683	29,555	8,081	17,366	59,110	16,162	quotation
TM 1-300	Collar, dia 200 mm	Nr	1	6,276	21,362	5,840	6,276	21,362	5,840	quotation
TM 1-301	Single Orifice Air Valve, dia 80 mm (PN10)	Nr	1	4,570	15,555	4,253	4,570	15,555	4,253	Rate 2001
TM 1-302	Ball Valve, dia 80 mm (PN10)	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 16)</u>									
TM 1-303	Double Socket I/Tee with 200x80 Flanged Branch	Nr	1	6,787	23,101	6,316	6,787	23,101	6,316	quotation
TM 1-304	Collar dia 200 mm	Nr	1	6,276	21,362	5,840	6,276	21,362	5,840	quotation
	<u>For Wash Out</u>									
TM 1-305	Flanged Spigot, dia 80 mm (PN 10)	Nr	1	1,422	4,840	1,323	1,422	4,840	1,323	quotation
TM 1-306	Collar dia 80 mm	Nr	1	2,693	9,168	2,506	2,693	9,168	2,506	quotation
TM 1-307	Conection Adaptor, dia 80 mm	Nr	1	3,994	13,595	3,717	3,994	13,595	3,717	quotation
TM 1-308	Sluice Valve, dia 80 mm	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
	<u>Bangalawatta Junction to Bangalawatta Reservoir as depicted in Drawing No: 20-C-10</u>									
TM 1-309	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	1,119	1,950	6,637	1,814	2,182,050	7,426,803	2,029,866	quotation
TM 1-310	Double Socket Bend, dia 250 mm x 11 ¹ / ₄	Nr	21	5,778	19,666	5,377	121,338	412,986	112,917	quotation
TM 1-311	Double Socket Bend, dia 250 mm x 22 ¹ / ₂	Nr	18	6,194	21,084	5,764	111,492	379,512	103,752	quotation
TM 1-312	Double Socket Bend, dia 250 mm x 45°	Nr	5	7,047	23,986	6,558	35,235	119,930	32,790	quotation
TM 1-313	Double Socket Bend, dia 250 mm x 90°	Nr	1	8,601	29,275	8,004	8,601	29,275	8,004	quotation
Total of page BOQ - 253 to TM 1 Bill Summary							2,729,568	9,290,353	2,539,380	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-314	Collar dia 250 mm For Air Valve Points (PN 10)	Nr	5	8,137	27,694	7,572	40,685	138,470	37,860	quotation
TM 1-315	Double Socket Tee with Flanged Branch, dia 250x80 mm	Nr	4	8,071	27,470	7,511	32,284	109,880	30,044	quotation
TM 1-316	Collar, dia 250 mm	Nr	4	8,137	27,694	7,572	32,548	110,776	30,288	quotation
TM 1-317	Single Orifice Air Valve, dia 80 mm	Nr	4	4,570	15,555	4,253	18,280	62,220	17,012	Rate 2001
TM 1-318	Ball Valve, dia 80 mm For Culvert/Utility Crossing and Depression Point (PN 16)	Nr	4	3,979	13,544	3,703	15,916	54,176	14,812	Rate 2001
TM 1-319	Double Socket I/Tee with 250x80 Flanged Branch	Nr	4	8,459	28,790	7,871	33,836	115,160	31,484	quotation
TM 1-320	Collar dia 250 mm For Wash Out (PN 10)	Nr	4	8,137	27,694	7,572	32,548	110,776	30,288	quotation
TM 1-321	Flanged Spigot, dia 80 mm	Nr	12	1,422	4,840	1,323	17,064	58,080	15,876	quotation
TM 1-322	Conection Adapor, dia 80 mm	Nr	4	3,994	13,595	3,717	15,976	54,380	14,868	Rate 2001
TM 1-323	Sluice Valve, dia 80 mm Katugastota Junction to Kahawatta Reservoir as depicted in Drawing No: 20-C-11	Nr	4	2,285	7,777	2,126	9,140	31,108	8,504	Rate 2001
TM 1-324	Socket & Spigot Pipes, dia 500 mm length 6 m, T Type	m	3,695	5,315	18,090	4,946	19,638,925	66,842,550	18,275,470	quotation
TM 1-325	Socket & Spigot Pipes, dia 600 mm length 6 m, T Type	m	887	7,017	23,882	6,529	6,224,079	21,183,334	5,791,223	quotation
TM 1-326	Double Socket Bend, dia 500 mm x 11 ¹ / ₄ "	Nr	34	17,497	59,552	16,283	594,898	2,024,768	553,622	quotation
TM 1-327	Double Socket Bend, dia 600 mm x 11 ¹ / ₄ "	Nr	1	22,797	77,588	21,214	22,797	77,588	21,214	quotation
TM 1-328	Double Socket Bend, dia 500 mm x 22 ¹ / ₂ "	Nr	12	19,916	67,784	18,533	238,992	813,408	222,396	quotation
TM 1-329	Double Socket Bend, dia 500 mm x 45°	Nr	5	24,342	82,847	22,652	121,710	414,235	113,260	quotation
TM 1-330	Restrained Joint (T Type) dia 500 mm	Nr	21	9,159	31,172	8,523	192,339	654,612	178,983	quotation
Total of page BOQ - 254 to TM 1 Bill Summary							27,282,017	92,855,521	25,387,204	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-331	Collar, dia 500 mm	Nr	18	22,460	76,443	20,901	404,280	1,375,974	376,218	quotation
TM 1-332	Collar, dia 600 mm	Nr	4	28,384	96,604	26,414	113,536	386,416	105,656	quotation
	<u>For Air Valve Points (PN 16)</u>									
TM 1-333	Double Socket Tee with Flanged Branch, dia 500x100mm(PN10)	Nr	1	20,195	68,734	18,793	20,195	68,734	18,793	quotation
TM 1-334	Double Socket Tee with Flanged Branch, dia 500x100 mm	Nr	6	20,195	68,734	18,793	121,170	412,404	112,758	quotation
TM 1-335	Double Socket Tee with Flanged Branch, dia 600x100 mm	Nr	2	25,439	86,583	23,674	50,878	173,166	47,348	quotation
TM 1-336	Double Flanged Short Piece(0.25m), dia 100 mm	Nr	14	776	2,644	722	10,864	37,016	10,108	quotation
TM 1-337	Collar, dia 500 mm	Nr	14	22,460	76,443	20,901	314,440	1,070,202	292,614	quotation
TM 1-338	Collar, dia 600 mm	Nr	4	28,384	96,604	26,414	113,536	386,416	105,656	quotation
TM 1-339	Double Orifice Air Valve, dia 100 mm(PN10)	Nr	1	96,959	329,995	90,229	96,959	329,995	90,229	quotation
TM 1-340	Double Orifice Air Valve, dia 100 mm	Nr	8	96,959	329,995	90,229	775,672	2,639,960	721,832	quotation
TM 1-341	Ball Valve, dia 100 mm(PN10)	Nr	1	5,637	19,187	5,246	5,637	19,187	5,246	Rate 2001
TM 1-342	Ball Valve, dia 100 mm	Nr	8	5,637	19,187	5,246	45,096	153,496	41,968	Rate 2001
	<u>For Valve Points (PN 16)</u>									
TM 1-343	Flanged Spigot dia 500 mm	Nr	1	21,216	72,207	19,743	21,216	72,207	19,743	quotation
TM 1-344	Flanged Adaptor dia 500 mm	Nr	5	17,294	58,859	16,093	86,470	294,295	80,465	quotation
TM 1-345	Collar dia 500 mm	Nr	2	22,460	76,443	20,901	44,920	152,886	41,802	quotation
TM 1-346	Butterfly Valve dia 500 mm	Nr	1	50,804	172,908	47,277	50,804	172,908	47,277	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 16)</u>									
TM 1-347	Double Socket I/Tee with 500x100 mm Flanged Branch(PN10)	Nr	1	23,206	78,981	21,595	23,206	78,981	21,595	quotation
TM 1-348	Double Socket I/Tee with 500x100 mm Flanged Branch	Nr	7	23,206	78,981	21,595	162,442	552,867	151,165	quotation
Total of page BOQ - 255 to TM 1 Bill Summary							2,461,321	8,377,110	2,290,473	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-349	Double Socket I/Tee with 600x100 mm Flanged Branch	Nr	2	29,512	100,443	27,463	59,024	200,886	54,926	quotation
TM 1-350	Connection adapter, dia 600 mm	Nr	11	27,689	94,240	25,767	304,579	1,036,640	283,437	Rate 2001
TM 1-351	Collar dia 500 mm	Nr	8	22,460	76,443	20,901	179,680	611,544	167,208	quotation
TM 1-352	Collar dia 600 mm	Nr	2	28,384	96,604	26,414	56,768	193,208	52,828	quotation
	<u>For Wash Out (PN 16)</u>									
TM 1-353	Flanged Spigot, dia 100 mm(PN10)	Nr	1	1,727	5,881	1,608	1,727	5,881	1,608	quotation
TM 1-354	Flanged Spigot, dia 100 mm	Nr	27	1,727	5,881	1,608	46,629	158,787	43,416	quotation
TM 1-355	Collar, dia 100 mm	Nr	10	3,345	11,386	3,113	33,450	113,860	31,130	quotation
TM 1-356	Conection Adapor, dia 80 mm(PN10)	Nr	1	3,994	13,595	3,717	3,994	13,595	3,717	quotation
TM 1-357	Conection Adapor, dia 80 mm	Nr	9	3,994	13,595	3,717	35,946	122,355	33,453	quotation
TM 1-358	Sluice Valve, dia 100 mm(PN10)	Nr	1	2,700	9,191	2,513	2,700	9,191	2,513	Rate 2001
TM 1-359	Sluice Valve, dia 100 mm	Nr	9	2,700	9,191	2,513	24,300	82,719	22,617	Rate 2001
	<u>For junction Detail</u>									
TM 1-360	Socket Tee, dia 500 x 500 mm	Nr	1	39,139	133,209	36,422	39,139	133,209	36,422	quotation
TM 1-361	Socket Tee, dia 600 x 200 mm	Nr	1	30,414	103,512	28,302	30,414	103,512	28,302	quotation
TM 1-362	Socket Reducer, dia 300 x 200 mm	Nr	1	7,338	24,977	6,829	7,338	24,977	6,829	quotation
TM 1-363	Socket Reducer, dia 500 x 300 mm	Nr	1	17,562	59,774	16,343	17,562	59,774	16,343	quotation
TM 1-364	Socket Reducer, dia 600 x 500 mm	Nr	1	22,352	76,074	20,800	22,352	76,074	20,800	quotation
TM 1-365	Flanged Spigot, dia 200 mm (PN10)	Nr	1	4,030	13,716	3,750	4,030	13,716	3,750	quotation
TM 1-366	Flanged Spigot, dia 200 mm (PN16)	Nr	1	4,171	14,198	3,882	4,171	14,198	3,882	quotation
TM 1-367	Flanged Spigot, dia 500 mm (PN10)	Nr	1	17,373	59,128	16,167	17,373	59,128	16,167	quotation
TM 1-368	Flanged Spigot, dia 500 mm (PN16)	Nr	1	21,216	72,207	19,743	21,216	72,207	19,743	quotation
Total of page BOQ - 256 to TM 1 Bill Summary							912,392	3,105,461	849,091	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-369	Short Plain Pipe(2m), dia 200 mm	Nr	5	11,968	40,735	11,138	59,840	203,675	55,690	quotation
TM 1-370	Short Plain Pipe(2m), dia 300 mm	Nr	1	20,388	69,391	18,973	20,388	69,391	18,973	quotation
TM 1-371	Flanged Adaptor dia 200 mm (PN10)	Nr	1	4,509	15,348	4,196	4,509	15,348	4,196	quotation
TM 1-372	Flanged Adaptor dia 200 mm (PN16)	Nr	1	4,509	15,348	4,196	4,509	15,348	4,196	quotation
TM 1-373	Flanged Adaptor dia 500 mm (PN10)	Nr	1	17,257	58,734	16,059	17,257	58,734	16,059	quotation
TM 1-374	Flanged Adaptor dia 500 mm (PN16)	Nr	1	17,294	58,859	16,093	17,294	58,859	16,093	quotation
TM 1-375	Collar dia 200 mm	Nr	3	6,276	21,362	5,840	18,828	64,086	17,520	quotation
TM 1-376	Collar dia 500 mm	Nr	5	22,460	76,443	20,901	112,300	382,215	104,505	quotation
TM 1-377	Collar dia 600 mm	Nr	1	28,384	96,604	26,414	28,384	96,604	26,414	quotation
TM 1-378	Butterfly Valve dia 500 mm (PN10)	Nr	1	50,804	172,908	47,277	50,804	172,908	47,277	Rate 2001
TM 1-379	Butterfly Valve dia 500 mm (PN16)	Nr	1	50,804	172,908	47,277	50,804	172,908	47,277	Rate 2001
TM 1-380	Sluice Valve dia 200 mm (PN10)	Nr	1	6,024	20,504	5,606	6,024	20,504	5,606	Rate 2001
TM 1-381	Sluice Valve dia 200 mm (PN16)	Nr	1	6,024	20,504	5,606	6,024	20,504	5,606	Rate 2001
	Kahalla Junction to Kahalla Reservoir as depicted in Drawings No:20-C-12									
TM 1-382	Socket & Spigot Pipes, dia 200 mm length 6 m, T Type	m	831	1,470	5,004	1,368	1,221,570	4,158,324	1,136,808	quotation
TM 1-383	Double Socket Bend, dia 200 mm x 11 ¹ / ₄ '	Nr	22	4,416	15,030	4,109	97,152	330,660	90,398	quotation
TM 1-384	Double Socket Bend, dia 200 mm x 22 ¹ / ₂ '	Nr	18	4,746	16,153	4,416	85,428	290,754	79,488	quotation
TM 1-385	Double Socket Bend, dia 200 mm x 45°	Nr	4	5,278	17,965	4,912	21,112	71,860	19,648	quotation
TM 1-386	Collar, dia 200 mm	Nr	4	6,276	21,362	5,840	25,104	85,448	23,360	quotation
	For Air Valve Points (PN16)									
TM 1-387	Double Socket Tee with Flanged Branch, dia 200x80 mm	Nr	2	6,322	21,519	5,883	12,644	43,038	11,766	quotation
Total of page BOQ - 257 to TM 1 Bill Summary							1,859,975	6,331,168	1,730,880	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-388	Collar, dia 200 mm	Nr	2	6,276	21,362	5,840	12,552	42,724	11,680	quotation
TM 1-389	Single Orifice Air Valve, dia 80 mm	Nr	2	4,570	15,555	4,253	9,140	31,110	8,506	Rate 2001
TM 1-390	Ball Valve, dia 80 mm	Nr	2	3,979	13,544	3,703	7,958	27,088	7,406	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 16)</u>									
TM 1-391	Double Socket I/Tee with 200x80 Flanged Branch	Nr	2	6,787	23,101	6,316	13,574	46,202	12,632	quotation
TM 1-392	Collar, dia 200 mm	Nr	2	6,276	21,362	5,840	12,552	42,724	11,680	quotation
	<u>For Wash Out (PN 16)</u>									
TM 1-393	Flanged Spigot, dia 80 mm	Nr	6	1,422	4,840	1,323	8,532	29,040	7,938	quotation
TM 1-394	Conection Adaptor, dia 80 mm	Nr	2	3,994	13,595	3,717	7,988	27,190	7,434	Rate 2001
TM 1-395	Sluice Valve, dia 80 mm	Nr	2	2,285	7,777	2,126	4,570	15,554	4,252	Rate 2001
	Kahawatta Reservoir Junction to Akurana Reservoir as depicted in Drawing No: 20-C-13									
TM 1-396	Socket & Spigot Pipes, dia 200 mm length 6 m, T Type	m	1,222	1,470	5,004	1,368	1,796,340	6,114,888	1,671,696	quotation
TM 1-397	Double Socket Bend, dia 200 mm x 11 ¹ / ₄ '	Nr	30	4,416	15,030	4,109	132,480	450,900	123,270	quotation
TM 1-398	Double Socket Bend, dia 200 mm x 22 ¹ / ₂ '	Nr	22	4,746	16,153	4,416	104,412	355,366	97,152	quotation
TM 1-399	Double Socket Bend, dia 200 mm x 45°	Nr	4	5,278	17,965	4,912	21,112	71,860	19,648	quotation
TM 1-400	Double Socket Bend, dia 200 mm x 90°	Nr	1	6,138	20,893	5,712	6,138	20,893	5,712	quotation
TM 1-401	Collar, dia 200 mm	Nr	6	6,276	21,362	5,840	37,656	128,172	35,040	quotation
	<u>For Air Valve Points (PN 10)</u>									
TM 1-402	Double Socket Tee with Flanged Branch, dia 200x80 mm	Nr	4	6,322	21,519	5,883	25,288	86,076	23,532	quotation
TM 1-403	Collar, dia 200 mm	Nr	4	6,276	21,362	5,840	25,104	85,448	23,360	quotation
TM 1-404	Single Orifice Air Valve, dia 80 mm	Nr	4	4,570	15,555	4,253	18,280	62,220	17,012	Rate 2001
TM 1-405	Ball Valve, dia 80 mm	Nr	4	3,979	13,544	3,703	15,916	54,176	14,812	Rate 2001
Total of page BOQ - 258 to TM 1 Bill Summary							2,259,592	7,691,631	2,102,762	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<u>For Culvert/Utility Crossing and Depression Point (PN 16)</u>									
TM 1-406	Double Socket I/Tee with 200x80 Flanged Branch	Nr	4	6,787	23,101	6,316	27,148	92,404	25,264	quotation
TM 1-407	Collar, dia 200 mm	Nr	4	6,276	21,362	5,840	25,104	85,448	23,360	quotation
	<u>For Wash Out (PN 16)</u>									
TM 1-408	Flanged Spigot, dia 80 mm	Nr	12	1,422	4,840	1,323	17,064	58,080	15,876	quotation
TM 1-409	Collar, dia 80 mm	Nr	4	2,693	9,168	2,506	10,772	36,672	10,024	quotation
TM 1-410	Connection adapter, dia 80 mm	Nr	4	3,994	13,595	3,717	15,976	54,380	14,868	quotation
TM 1-411	Sluice Valve, dia 80 mm	Nr	4	2,285	7,777	2,126	9,140	31,108	8,504	Rate 2001
	<u>Kahawatta Reservoir to Kurugoda Reservoir as depicted in Drawing No:20-C-14</u>									
TM 1-412	Socket & Spigot Pipes, dia 350 mm length 6 m, T Type	m	3,821	3,179	10,821	2,958	12,146,959	41,347,041	11,302,518	quotation
TM 1-413	Double Socket Bend, dia 350 mm x 11 ¹ / ₄ '	Nr	93	10,526	35,825	9,795	978,918	3,331,725	910,935	quotation
TM 1-414	Double Socket Bend, dia 350 mm x 22 ¹ / ₂ '	Nr	66	11,526	39,228	10,725	760,716	2,589,048	707,850	quotation
TM 1-415	Double Socket Bend, dia 350 mm x 45°	Nr	24	13,399	45,604	12,469	321,576	1,094,496	299,256	quotation
TM 1-416	Double Socket Bend, dia 350 mm x 90°	Nr	1	16,769	57,073	15,605	16,769	57,073	15,605	quotation
TM 1-417	Restrained Joint (T Type) dia 350 mm	Nr	12	21,074	71,725	19,611	252,888	860,700	235,332	quotation
TM 1-418	Collar, dia 350 mm	Nr	19	13,958	47,507	12,989	265,202	902,633	246,791	quotation
	<u>For Air Valve Points</u>									
TM 1-419	Double Socket Tee with Flanged Branch, dia 350x80 mm(PN10)	Nr	2	12,711	43,264	11,829	25,422	86,528	23,658	quotation
TM 1-420	Double Socket Tee with Flanged Branch, dia 350x80 mm(PN16)	Nr	6	12,711	43,264	11,829	76,266	259,584	70,974	quotation
TM 1-421	Collar, dia 350 mm	Nr	16	13,958	47,507	12,989	223,328	760,112	207,824	quotation
TM 1-422	Single Orifice Air Valve, dia 80 mm(PN10)	Nr	6	4,570	15,555	4,253	27,420	93,330	25,518	Rate 2001
TM 1-423	Single Orifice Air Valve, dia 80 mm(PN16)	Nr	2	4,570	15,555	4,253	9,140	31,110	8,506	Rate 2001
Total of page BOQ - 259 to TM 1 Bill Summary							15,209,808	51,771,472	14,152,663	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<u>For Culvert/Utility Crossing and Depression Point (PN 16)</u>									
TM 1-406	Double Socket I/Tee with 200x80 Flanged Branch	Nr	4	6,787	23,101	6,316	27,148	92,404	25,264	quotation
TM 1-407	Collar, dia 200 mm	Nr	4	6,276	21,362	5,840	25,104	85,448	23,360	quotation
	<u>For Wash Out (PN 16)</u>									
TM 1-408	Flanged Spigot, dia 80 mm	Nr	12	1,422	4,840	1,323	17,064	58,080	15,876	quotation
TM 1-409	Collar, dia 80 mm	Nr	4	2,693	9,168	2,506	10,772	36,672	10,024	quotation
TM 1-410	Connection adapter, dia 80 mm	Nr	4	3,994	13,595	3,717	15,976	54,380	14,868	quotation
TM 1-411	Sluice Valve, dia 80 mm	Nr	4	2,285	7,777	2,126	9,140	31,108	8,504	Rate 2001
	<u>Kahawatta Reservoir to Kurugoda Reservoir as depicted in Drawing No:20-C-14</u>									
TM 1-412	Socket & Spigot Pipes, dia 350 mm length 6 m, T Type	m	3,821	3,179	10,821	2,958	12,146,959	41,347,041	11,302,518	quotation
TM 1-413	Double Socket Bend, dia 350 mm x 11 ¹ / ₄ "	Nr	93	10,526	35,825	9,795	978,918	3,331,725	910,935	quotation
TM 1-414	Double Socket Bend, dia 350 mm x 22 ¹ / ₂ "	Nr	66	11,526	39,228	10,725	760,716	2,589,048	707,850	quotation
TM 1-415	Double Socket Bend, dia 350 mm x 45°	Nr	24	13,399	45,604	12,469	321,576	1,094,496	299,256	quotation
TM 1-416	Double Socket Bend, dia 350 mm x 90°	Nr	1	16,769	57,073	15,605	16,769	57,073	15,605	quotation
TM 1-417	Restrained Joint (T Type) dia 350 mm	Nr	12	21,074	71,725	19,611	252,888	860,700	235,332	quotation
TM 1-418	Collar, dia 350 mm	Nr	19	13,958	47,507	12,989	265,202	902,633	246,791	quotation
	<u>For Air Valve Points</u>									
TM 1-419	Double Socket Tee with Flanged Branch, dia 350x80 mm(PN10)	Nr	2	12,711	43,264	11,829	25,422	86,528	23,658	quotation
TM 1-420	Double Socket Tee with Flanged Branch, dia 350x80 mm(PN16)	Nr	6	12,711	43,264	11,829	76,266	259,584	70,974	quotation
TM 1-421	Collar, dia 350 mm	Nr	16	13,958	47,507	12,989	223,328	760,112	207,824	quotation
TM 1-422	Single Orifice Air Valve, dia 80 mm(PN10)	Nr	6	4,570	15,555	4,253	27,420	93,330	25,518	Rate 2001
TM 1-423	Single Orifice Air Valve, dia 80 mm(PN16)	Nr	2	4,570	15,555	4,253	9,140	31,110	8,506	Rate 2001
Total of page BOQ - 260 to TM 1 Bill Summary							15,209,808	51,771,472	14,152,663	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-443	Flanged Adaptor dia 350 mm (PN16)	Nr	1	10,332	35,166	9,615	10,332	35,166	9,615	quotation
TM 1-444	Collar dia 250 mm	Nr	3	8,137	27,694	7,572	24,411	83,082	22,716	quotation
TM 1-445	Collar dia 350 mm	Nr	3	13,958	47,507	12,989	41,874	142,521	38,967	quotation
TM 1-446	Butterfly Valve dia 350 mm (PN16)	Nr	1	15,668	53,328	14,581	15,668	53,328	14,581	Rate 2001
TM 1-447	Sluice Valve dia 250 mm (PN16)	Nr	1	6,564	22,342	6,108	6,564	22,342	6,108	Rate 2001
Thelambugaswatta Jct to Thelambugaswatta Reservoir as depicted in Drawing No: 20-C-15										
TM 1-448	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	910	1,950	6,637	1,814	1,774,500	6,039,670	1,650,740	quotation
TM 1-449	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ "	Nr	11	5,778	19,666	5,377	63,558	216,326	59,147	quotation
TM 1-450	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ "	Nr	7	6,194	21,084	5,764	43,358	147,588	40,348	quotation
TM 1-451	Double Socket Bend, dia 250 mm x 45°	Nr	2	7,047	23,986	6,558	14,094	47,972	13,116	quotation
TM 1-452	Double Socket Bend, dia 250 mm x 90°	Nr	2	8,601	29,275	8,004	17,202	58,550	16,008	quotation
TM 1-453	Collar, dia 250 mm	Nr	2	8,137	27,694	7,572	16,274	55,388	15,144	quotation
For Air Valve Points (PN 16)										
TM 1-454	Double Socket Tee with Flanged Branch, dia 250x80 mm	Nr	1	8,071	27,470	7,511	8,071	27,470	7,511	quotation
TM 1-455	Collar, dia 250 mm	Nr	1	8,137	27,694	7,572	8,137	27,694	7,572	quotation
TM 1-456	Single Orifice Air Valve, dia 80 mm	Nr	1	4,570	15,555	4,253	4,570	15,555	4,253	Rate 2001
TM 1-457	Ball Valve, dia 80 mm	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	Rate 2001
For Culvert/Utility Crossing and Depression Point (PN 16)										
TM 1-458	Double Socket I/Tee with 250x80 Flanged Branch	Nr	2	8,459	28,790	7,871	16,918	57,580	15,742	quotation
TM 1-459	Collar, dia 250 mm	Nr	2	8,137	27,694	7,572	16,274	55,388	15,144	quotation
For Wash Out (PN 16)										
TM 1-460	Flanged Spigot, dia 80 mm	Nr	2	1,422	4,840	1,323	2,844	9,680	2,646	quotation
TM 1-461	Collar, dia 80 mm	Nr	2	2,693	9,168	2,506	5,386	18,336	5,012	quotation
Total of page BOQ - 261 to TM 1 Bill Summary							2,094,014	7,127,180	1,948,073	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-462	Conection Adaptor, dia 80 mm	Nr	2	3,994	13,595	3,717	7,988	27,190	7,434	quotation
TM 1-463	Sluice Valve, dia 80 mm	Nr	2	2,285	7,777	2,126	4,570	15,554	4,252	Rate 2001
	R3 Reservoir Jct to Ampitiya Res as depicted in Drawing No:20-C-16									
TM 1-464	Socket & Spigot Pipes, dia 300 mm length 6 m, T Type	m	1,782	2,476	8,427	2,304	4,412,232	15,016,914	4,105,728	quotation
TM 1-465	Double Socket Bend, dia 300 mm x 11 ¹ / ₄ "	Nr	37	7,446	25,342	6,929	275,502	937,654	256,373	quotation
TM 1-466	Double Socket Bend, dia 300 mm x 22 ¹ / ₂ "	Nr	28	8,110	27,603	7,547	227,080	772,884	211,316	quotation
TM 1-467	Double Socket Bend, dia 300 mm x 45°	Nr	13	9,353	31,835	8,704	121,589	413,855	113,152	quotation
TM 1-468	Double Socket Bend, dia 300 mm x 90°	Nr	1	11,765	40,044	10,949	11,765	40,044	10,949	quotation
TM 1-469	Restrained Joint (T Type), dia 300 mm	Nr	11	3,537	12,038	3,291	38,907	132,418	36,201	quotation
TM 1-470	Collar, dia 300 mm	Nr	8	11,080	37,711	10,311	88,640	301,688	82,488	quotation
	For Air Valve Points (PN 16)									
TM 1-471	Double Socket Tee with Flanged Branch, dia 300x80 mm	Nr	2	9,461	32,201	8,804	18,922	64,402	17,608	quotation
TM 1-472	Collar, dia 300 mm	Nr	2	11,080	37,711	10,311	22,160	75,422	20,622	quotation
TM 1-473	Single Orifice Air Valve, dia 80 mm	Nr	2	4,570	15,555	4,253	9,140	31,110	8,506	Rate 2001
TM 1-474	Ball Valve, dia 80 mm	Nr	2	3,979	13,544	3,703	7,958	27,088	7,406	Rate 2001
	For Culvert/Utility Crossing and Depression Point (PN 16)									
TM 1-475	Double Socket Bend, dia 300 mm x 45°	Nr	2	9,353	31,835	8,704	18,706	63,670	17,408	quotation
TM 1-476	Double Socket I/Tee with 300x80 Flanged Branch	Nr	1	10,590	36,045	9,855	10,590	36,045	9,855	quotation
TM 1-477	Collar, dia 300 mm	Nr	3	11,080	37,711	10,311	33,240	113,133	30,933	quotation
	For Wash Out (PN 16)									
TM 1-478	Flanged Spigot, dia 80 mm	Nr	3	1,422	4,840	1,323	4,266	14,520	3,969	quotation
TM 1-479	Collar, dia 80 mm	Nr	1	2,693	9,168	2,506	2,693	9,168	2,506	quotation
TM 1-480	Conection Adaptor, dia 80 mm	Nr	1	3,994	13,595	3,717	3,994	13,595	3,717	quotation
Total of page BOQ - 262 to TM 1 Bill Summary							5,319,942	18,106,354	4,950,423	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-481	Sluice Valve, dia 80 mm For junction Detail	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
TM 1-482	Socket Tee, dia 300 x 300 mm	Nr	2	15,185	51,683	14,131	30,370	103,366	28,262	quotation
TM 1-483	Double Socket Bend, dia 300 mm x 45°	Nr	1	9,353	31,835	8,704	9,353	31,835	8,704	quotation
TM 1-484	Flanged Spigot, dia 300 mm (PN16)	Nr	3	7,665	26,090	7,133	22,995	78,270	21,399	quotation
TM 1-485	Flanged Adaptor dia 300 mm (PN16)	Nr	3	7,889	26,851	7,341	23,667	80,553	22,023	quotation
TM 1-486	Collar dia 300 mm	Nr	5	11,080	37,711	10,311	55,400	188,555	51,555	quotation
TM 1-487	End Cap dia 300 mm	Nr	1	3,372	11,479	3,138	3,372	11,479	3,138	quotation
TM 1-488	Sluice Valve dia 300 mm (PN16) Ampitiya Reservoir to Elhena Reservoir as depicted in Drawing No: 20-C-17	Nr	3	7,111	24,202	6,617	21,333	72,606	19,851	Rate 2001
TM 1-489	Socket & Spigot Pipes, dia 200 mm length 6 m, T Type	m	3,095	1,470	5,004	1,368	4,549,650	15,487,380	4,233,960	quotation
TM 1-490	Double Socket Bend, dia 200 mm x 11 ¹ / ₄ "	Nr	51	4,416	15,030	4,109	225,216	766,530	209,559	quotation
TM 1-491	Double Socket Bend, dia 200 mm x 22 ¹ / ₂ "	Nr	45	4,746	16,153	4,416	213,570	726,885	198,720	quotation
TM 1-492	Double Socket Bend, dia 200 mm x 45°	Nr	13	5,278	17,965	4,912	68,614	233,545	63,856	quotation
TM 1-493	Double Socket Bend, dia 200 mm x 90°	Nr	2	6,138	20,893	5,712	12,276	41,786	11,424	quotation
TM 1-494	Connection adapter (PVC/DI), dia 200 mm	Nr	1	8,683	29,555	8,081	8,683	29,555	8,081	quotation
TM 1-495	Collar, dia 200 mm For Air Valve Points	Nr	15	6,276	21,362	5,840	94,140	320,430	87,600	quotation
TM 1-496	Double Socket Tee with Flanged Branch, dia 200x80 mm (PN10)	Nr	1	6,322	21,519	5,883	6,322	21,519	5,883	quotation
TM 1-497	Double Socket Tee with Flanged Branch, dia 200x80 mm (PN16)	Nr	4	6,322	21,519	5,883	25,288	86,076	23,532	quotation
TM 1-498	Collar, dia 200 mm	Nr	8	6,276	21,362	5,840	50,208	170,896	46,720	quotation
TM 1-499	Single Orifice Air Valve, dia 80 mm (PN 10)	Nr	1	4,570	15,555	4,253	4,570	15,555	4,253	Rate 2001
TM 1-500	Single Orifice Air Valve, dia 80 mm (PN 16)	Nr	4	4,570	15,555	4,253	18,280	62,220	17,012	Rate 2001
Total of page BOQ - 263 to TM 1 Bill Summary							5,445,592	18,536,818	5,067,658	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-501	Ball Valve, dia 80 mm (PN 10)	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	Rate 2001
TM 1-502	Ball Valve, dia 80 mm (PN 16)	Nr	4	3,979	13,544	3,703	15,916	54,176	14,812	Rate 2001
	For Valve Points (PN 16)									
TM 1-503	Flanged Spigot, dia 200 mm	Nr	2	4,171	14,198	3,882	8,342	28,396	7,764	quotation
TM 1-504	Flange Adaptor, dia 200 mm	Nr	2	4,509	15,348	4,196	9,018	30,696	8,392	quotation
TM 1-505	Collor, dia 200 mm	Nr	4	6,276	21,362	5,840	25,104	85,448	23,360	quotation
TM 1-506	Sluice valve, dia 200 mm	Nr	2	6,024	20,504	5,606	12,048	41,008	11,212	Rate 2001
	For Culvert/Utility Crossing and Depression Point									
TM 1-507	Double Socket I/Tee with 200x80 Flanged Branch(PN10)	Nr	1	6,787	23,101	6,316	6,787	23,101	6,316	quotation
TM 1-508	Double Socket I/Tee with 200x80 Flanged Branch(PN16)	Nr	5	6,787	23,101	6,316	33,935	115,505	31,580	quotation
TM 1-509	Connection adapter, dia 200 mm	Nr	2	8,683	29,555	8,081	17,366	59,110	16,162	Rate 2001
TM 1-510	Collar, dia 200 mm	Nr	6	6,276	21,362	5,840	37,656	128,172	35,040	quotation
	For Wash Out (PN 16)									
TM 1-511	Flanged Spigot, dia 80 mm (PN 10)	Nr	3	1,422	4,840	1,323	4,266	14,520	3,969	quotation
TM 1-512	Flanged Spigot, dia 80 mm (PN 16)	Nr	15	1,422	4,840	1,323	21,330	72,600	19,845	quotation
TM 1-513	Collar, dia 80 mm	Nr	6	2,693	9,168	2,506	16,158	55,008	15,036	quotation
TM 1-514	Conection Adaptor, dia 80 mm(PN10)	Nr	1	3,994	13,595	3,717	3,994	13,595	3,717	quotation
TM 1-515	Conection Adaptor, dia 80 mm(PN16)	Nr	5	3,994	13,595	3,717	19,970	67,975	18,585	quotation
TM 1-516	Sluice Valve, dia 80 mm(PN10)	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
TM 1-517	Sluice Valve, dia 80 mm(PN16)	Nr	5	2,285	7,777	2,126	11,425	38,885	10,630	Rate 2001
	Ampitiya Reservoir to Mullepihilla Low New Reservoir as depicted in Drawing No: 20-C-18									
TM 1-518	Socket & Spigot Pipes, dia 150 mm length 6 m, T Type	m	1,892	1,066	3,630	992	2,016,872	6,867,960	1,876,864	quotation
TM 1-519	Double Socket Bend, dia 150 mm x 11 ¹ / ₄	Nr	42	2,849	9,698	2,651	119,658	407,316	111,342	quotation
Total of page BOQ - 264 to TM 1 Bill Summary							2,386,109	8,124,792	2,220,455	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-520	Double Socket Bend, dia 150 mm x 22 ¹ / ₂ "	Nr	25	3,030	10,315	2,820	75,750	257,875	70,500	quotation
TM 1-521	Double Socket Bend, dia 150 mm x 45°	Nr	15	3,259	11,094	3,033	48,885	166,410	45,495	quotation
TM 1-522	Double Socket Bend, dia 150 mm x 90°	Nr	1	3,751	12,768	3,491	3,751	12,768	3,491	quotation
TM 1-523	Collar, dia 150 mm	Nr	9	5,034	17,136	4,685	45,306	154,224	42,165	quotation
	For Air Valve Points (PN 25)									
TM 1-524	Double Socket Tee with Flanged Branch, dia 150x80 mm	Nr	1	4,489	15,278	4,177	4,489	15,278	4,177	quotation
TM 1-525	Collar, dia 150 mm	Nr	1	5,034	17,136	4,685	5,034	17,136	4,685	quotation
TM 1-526	Single Orifice Air Valve, dia 80 mm	Nr	1	4,570	15,555	4,253	4,570	15,555	4,253	Rate 2001
TM 1-527	Ball Valve, dia 80 mm	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	Rate 2001
	For Culvert/Utility Crossing and Depression Point (PN 25)									
TM 1-528	Double Socket I/Tee with 150x80 mm Flanged Branch	Nr	1	4,489	15,278	4,177	4,489	15,278	4,177	quotation
TM 1-529	Collar, dia 150 mm	Nr	1	5,034	17,136	4,685	5,034	17,136	4,685	quotation
	For Wash Out (PN 25)									
TM 1-530	Flanged Spigot, dia 80 mm	Nr	3	1,422	4,840	1,323	4,266	14,520	3,969	quotation
TM 1-531	Collar, dia 80 mm	Nr	1	2,693	9,168	2,506	2,693	9,168	2,506	quotation
TM 1-532	Connection Adaptor, dia 80 mm	Nr	1	3,994	13,595	3,717	3,994	13,595	3,717	quotation
TM 1-533	Sluice Valve, dia 80 mm	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
	Mullepihilla New Res to Mullepihilla P.H. as depicted in Drawing No: 20-C-19									
	For Culvert/Utility Crossing and Depression Point (PN 10)									
TM 1-534	Double Socket I/Tee with 150x80 mm Flanged Branch	Nr	1	4,489	15,278	4,177	4,489	15,278	4,177	quotation
TM 1-535	Double Socket Bend, dia 150 mm x 45°	Nr	2	3,259	11,094	3,033	6,518	22,188	6,066	quotation
TM 1-536	Connection Adaptor, dia 150 mm	Nr	2	6,422	21,860	5,977	12,844	43,720	11,954	quotation
TM 1-537	Collar, dia 150 mm	Nr	3	5,034	17,136	4,685	15,102	51,408	14,055	quotation
Total of page BOQ - 265 to TM 1 Bill Summary							253,478	862,858	235,901	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	For Wash Out (PN 10)									
TM 1-538	Flanged Spigot, dia 80 mm	Nr	6	1,422	4,840	1,323	8,532	29,040	7,938	quotation
TM 1-539	Collar, dia 80 mm	Nr	2	2,693	9,168	2,506	5,386	18,336	5,012	quotation
TM 1-540	Conection Adaptor, dia 80 mm	Nr	2	3,994	13,595	3,717	7,988	27,190	7,434	quotation
TM 1-541	Sluice Valve, dia 80 mm	Nr	2	2,285	7,777	2,126	4,570	15,554	4,252	Rate 2001
	For junction Detail									
TM 1-542	Flanged Spigot, dia 80 mm (PN10)	Nr	1	1,422	4,840	1,323	1,422	4,840	1,323	quotation
TM 1-543	Flanged Spigot, dia 100 mm (PN10)	Nr	6	1,727	5,881	1,608	10,362	35,286	9,648	quotation
TM 1-544	Short Plain Pipe (2.0 m), dia 80 mm	Nr	3	4,227	14,389	3,934	12,681	43,167	11,802	quotation
TM 1-545	Flanged Adaptor dia 80 mm (PN10)	Nr	3	2,250	7,658	2,093	6,750	22,974	6,279	quotation
TM 1-546	Flanged Adaptor dia 100 mm (PN10)	Nr	1	2,550	8,682	2,373	2,550	8,682	2,373	quotation
TM 1-547	Connection Adaptor (DI/PVC) dia 80 mm (PN10)	Nr	4	3,994	13,595	3,717	15,976	54,380	14,868	quotation
TM 1-548	Connection Adaptor (GI/PVC) dia 100 mm (PN10)	Nr	7	4,825	16,424	4,490	33,775	114,968	31,430	quotation
TM 1-549	Collar dia 100 mm	Nr	1	3,345	11,386	3,113	3,345	11,386	3,113	quotation
TM 1-550	Sluice Valve dia 80 mm (PN10)	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
TM 1-551	Sluice Valve dia 100 mm (PN10)	Nr	2	2,700	9,191	2,513	5,400	18,382	5,026	Rate 2002
TM 1-552	Flow Meter dia 40 mm, 6.5m ³ /h	Nr	1	27,026	91,984	25,150	27,026	91,984	25,150	quotation
	Heerassagala Jct. To Heerassagala Low Res. as depicted in Drawing No: 20-C-20									
TM 1-553	Socket & Spigot Pipes, dia 350 mm length 6 m, T Type	m	1,001	3,179	10,821	2,958	3,182,179	10,831,821	2,960,958	quotation
TM 1-554	Double Socket Bend, dia 350 mm x 11 ¹ / ₄ "	Nr	35	10,526	35,825	9,795	368,410	1,253,875	342,825	quotation
TM 1-555	Double Socket Bend, dia 350 mm x 22 ¹ / ₂ "	Nr	18	11,526	39,228	10,725	207,468	706,104	193,050	quotation
TM 1-556	Double Socket Bend, dia 350 mm x 45°	Nr	15	13,399	45,604	12,469	200,985	684,060	187,035	quotation
TM 1-557	Collar, dia 350 mm	Nr	5	13,958	47,507	12,989	69,790	237,535	64,945	quotation
Total of page BOQ - 266 to TM 1 Bill Summary							4,176,880	14,217,341	3,886,587	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<u>For Air Valve Points (PN 16)</u>									
TM 1-558	Double Socket Tee with Flanged Branch, dia 350x100 mm	Nr	1	12,802	43,572	11,913	12,802	43,572	11,913	quotation
TM 1-559	Collar, dia 350 mm	Nr	1	13,958	47,507	12,989	13,958	47,507	12,989	quotation
TM 1-560	Double Orifice Air Valve, dia 100 mm	Nr	1	96,959	329,995	90,229	96,959	329,995	90,229	quotation
TM 1-561	Ball Valve, dia 100 mm	Nr	1	5,637	19,187	5,246	5,637	19,187	5,246	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 16)</u>									
TM 1-562	Double Socket I/Tee with 350x100 Flanged Branch	Nr	3	14,610	49,726	13,596	43,830	149,178	40,788	quotation
TM 1-563	Collar, dia 350 mm	Nr	1	13,958	47,507	12,989	13,958	47,507	12,989	quotation
	<u>For Wash Out (PN 16)</u>									
TM 1-564	Flanged Spigot, dia 100 mm	Nr	3	1,727	5,881	1,608	5,181	17,643	4,824	quotation
TM 1-565	Collar, dia 350 mm	Nr	1	13,958	47,507	12,989	13,958	47,507	12,989	quotation
TM 1-566	Connection adapter, dia 100 mm	Nr	1	4,825	16,424	4,490	4,825	16,424	4,490	quotation
TM 1-567	Sluice Valve, dia 100 mm	Nr	1	2,700	9,191	2,513	2,700	9,191	2,513	Rate 2001
	<u>For junction Detail</u>									
TM 1-568	Socket Tee, dia 500 x 400 mm	Nr	1	33,891	115,346	31,538	33,891	115,346	31,538	quotation
TM 1-569	Socket Reducer, dia 400 x 350 mm	Nr	1	11,925	40,587	11,097	11,925	40,587	11,097	quotation
TM 1-570	Flanged Spigot, dia 350 mm (PN16)	Nr	1	10,049	34,201	9,351	10,049	34,201	9,351	quotation
TM 1-571	Flanged Spigot, dia 500 mm (PN16)	Nr	1	21,216	72,207	19,743	21,216	72,207	19,743	quotation
TM 1-572	Short Plain Pipe(2m), dia 400 mm	Nr	1	30,436	103,588	28,323	30,436	103,588	28,323	quotation
TM 1-573	Short Plain Pipe(2m), dia 500 mm	Nr	3	42,209	143,655	39,279	126,627	430,965	117,837	quotation
TM 1-574	Flanged Adaptor dia 350 mm (PN16)	Nr	1	10,332	35,166	9,615	10,332	35,166	9,615	quotation
TM 1-575	Flanged Adaptor dia 500 mm (PN16)	Nr	1	17,294	58,859	16,093	17,294	58,859	16,093	quotation
TM 1-576	Collar dia 350 mm	Nr	2	13,958	47,507	12,989	27,916	95,014	25,978	quotation
Total of page BOQ - 267 to TM 1 Bill Summary							503,494	1,713,644	468,545	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-577	Collar dia 500 mm	Nr	3	22,460	76,443	20,901	67,380	229,329	62,703	quotation
TM 1-578	Butterfly Valve dia 350 mm (PN16)	Nr	1	15,668	53,328	14,581	15,668	53,328	14,581	Rate 2001
TM 1-579	Butterfly Valve dia 500 mm (PN16)	Nr	1	50,804	172,908	47,277	50,804	172,908	47,277	Rate 2002
	Heerassagala Low Reservoir to Heerassagala Middle Res. as depicyed in Drawing No: 20-C-21									
TM 1-580	Socket & Spigot Pipes, dia 200 mm length 6 m, T Type	m	628	1,470	5,004	1,368	923,160	3,142,512	859,104	quotation
TM 1-581	Double Socket Bend, dia 200 mm x 11 ¹ / ₄ "	Nr	29	4,416	15,030	4,109	128,064	435,870	119,161	quotation
TM 1-582	Double Socket Bend, dia 200 mm x 22 ¹ / ₂ "	Nr	9	4,746	16,153	4,416	42,714	145,377	39,744	quotation
TM 1-583	Double Socket Bend, dia 200 mm x 45°	Nr	7	5,278	17,965	4,912	36,946	125,755	34,384	quotation
TM 1-584	Collar, dia 200 mm	Nr	3	6,276	21,362	5,840	18,828	64,086	17,520	quotation
	For Air Valve Points (PN 10)									
TM 1-585	Double Socket Tee with Flanged Branch, dia 200x80 mm	Nr	1	6,322	21,519	5,883	6,322	21,519	5,883	quotation
TM 1-586	Collar, dia 200 mm	Nr	1	6,276	21,362	5,840	6,276	21,362	5,840	quotation
TM 1-587	Connection adapter, dia 200 mm	Nr	2	8,683	29,555	8,081	17,366	59,110	16,162	quotation
TM 1-588	Single Orifice Air Valve, dia 80 mm	Nr	1	4,570	15,555	4,253	4,570	15,555	4,253	Rate 2001
TM 1-589	Ball Valve, dia 80 mm	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	Rate 2001
	For Culvert/Utility Crossing and Depression Point (PN 10)									
TM 1-590	Double Socket I/Tee with 200x80 mm Flanged Branch(PN10)	Nr	1	6,787	23,101	6,316	6,787	23,101	6,316	quotation
TM 1-591	Double Socket I/Tee with 200x80 mm Flanged Branch(PN16)	Nr	1	6,787	23,101	6,316	6,787	23,101	6,316	quotation
TM 1-592	Connection adapter, dia 200 mm(PN10)	Nr	1	8,683	29,555	8,081	8,683	29,555	8,081	quotation
TM 1-593	Connection adapter, dia 200 mm(PN16)	Nr	1	8,683	29,555	8,081	8,683	29,555	8,081	quotation
TM 1-594	Collar, dia 200 mm	Nr	2	6,276	21,362	5,840	12,552	42,724	11,680	quotation
	For Wash Out									
TM 1-595	Flanged Spigot, dia 80 mm (PN 10)	Nr	3	1,422	4,840	1,323	4,266	14,520	3,969	quotation
Total of page BOQ - 268 to TM 1 Bill Summary							1,369,835	4,662,811	1,274,758	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-596	Flanged Spigot, dia 80 mm (PN 16)	Nr	3	1,422	4,840	1,323	4,266	14,520	3,969	quotation
TM 1-597	Collar, dia 80 mm	Nr	2	2,693	9,168	2,506	5,386	18,336	5,012	quotation
TM 1-598	Connection adapter, dia 80 mm(PN10)	Nr	1	3,994	13,595	3,717	3,994	13,595	3,717	quotation
TM 1-599	Connection adapter, dia 80 mm(PN16)	Nr	1	3,994	13,595	3,717	3,994	13,595	3,717	quotation
TM 1-600	Sluice Valve, dia 80 mm (PN10)	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
TM 1-601	Sluice Valve, dia 80 mm (PN16) Heerassagala Middle Res. to Heerassagala Upper Res as depicted in Drawing No : 20 - C - 22	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
TM 1-602	Socket & Spigot Pipes, dia 150 mm length 6 m, T Type	m	80	1,066	3,630	992	85,280	290,400	79,360	quotation
TM 1-603	Double Socket Bend, dia 150 mm x 11 ¹ / ₄ "	Nr	3	2,849	9,698	2,651	8,547	29,094	7,953	quotation
TM 1-604	Double Socket Bend, dia 150 mm x 45°	Nr	2	3,259	11,094	3,033	6,518	22,188	6,066	quotation
TM 1-605	Double Socket Bend, dia 150 mm x 90° For Air Valve Points (PN 16)	Nr	1	3,751	12,768	3,491	3,751	12,768	3,491	quotation
TM 1-606	Double Socket Tee with Flanged Branch, dia 150x80 mm	Nr	1	4,489	15,278	4,177	4,489	15,278	4,177	quotation
TM 1-607	Collar, dia 150 mm	Nr	1	5,034	17,136	4,685	5,034	17,136	4,685	quotation
TM 1-608	Connection adapter, dia 150 mm	Nr	2	6,422	21,860	5,977	12,844	43,720	11,954	quotation
TM 1-609	Single Orifice Air Valve, dia 80 mm	Nr	1	4,570	15,555	4,253	4,570	15,555	4,253	Rate 2001
TM 1-610	Ball Valve, dia 80 mm For Culvert/Utility Crossing and Depression Point	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	Rate 2001
TM 1-611	Double Socket I/Tee with 150x80 Flanged Branch(PN10)	Nr	1	4,489	15,278	4,177	4,489	15,278	4,177	quotation
TM 1-612	Double Socket I/Tee with 150x80 Flanged Branch(PN16)	Nr	1	4,489	15,278	4,177	4,489	15,278	4,177	quotation
TM 1-613	Connection adapter, dia 150 mm	Nr	2	6,422	21,860	5,977	12,844	43,720	11,954	quotation
TM 1-614	Collar, dia 150 mm For Wash Out (PN 16)	Nr	2	5,034	17,136	4,685	10,068	34,272	9,370	quotation
Total of page BOQ - 269 to TM 1 Bill Summary							189,112	643,831	175,987	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-615	Flanged Spigot, dia 80 mm (PN10)	Nr	3	1,422	4,840	1,323	4,266	14,520	3,969	quotation
TM 1-616	Flanged Spigot, dia 80 mm (PN16)	Nr	3	1,422	4,840	1,323	4,266	14,520	3,969	quotation
TM 1-617	Connection adapter, dia 80 mm	Nr	2	3,994	13,595	3,717	7,988	27,190	7,434	quotation
TM 1-618	Collar, dia 150 mm	Nr	2	5,034	17,136	4,685	10,068	34,272	9,370	quotation
TM 1-619	Sluice Valve, dia 80 mm (PN10)	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
TM 1-620	Sluice Valve, dia 80 mm (PN16)	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
	R2 (KMC) to Hantana Place as depicted in Drawing No: 20-C-23									
TM 1-621	Socket & Spigot Pipes, dia 200 mm length 6 m, T Type	m	815	1,470	5,004	1,368	1,198,050	4,078,260	1,114,920	quotation
TM 1-622	Double Socket Bend, dia 200 mm x 11 ¹ / ₄ "	Nr	26	4,416	15,030	4,109	114,816	390,780	106,834	quotation
TM 1-623	Double Socket Bend, dia 200 mm x 22 ¹ / ₂ "	Nr	18	4,746	16,153	4,416	85,428	290,754	79,488	quotation
TM 1-624	Double Socket Bend, dia 200 mm x 45°	Nr	9	5,278	17,965	4,912	47,502	161,685	44,208	quotation
TM 1-625	Double Socket Bend, dia 200 mm x 90°	Nr	1	6,138	20,893	5,712	6,138	20,893	5,712	quotation
TM 1-626	Collar, dia 200 mm	Nr	2	6,276	21,362	5,840	12,552	42,724	11,680	quotation
	For Air Valve Points (PN 16)									
TM 1-627	Double Socket Tee with Flanged Branch, dia 200x80 mm	Nr	1	6,322	21,519	5,883	6,322	21,519	5,883	quotation
TM 1-628	Collar, dia 200 mm	Nr	1	6,276	21,362	5,840	6,276	21,362	5,840	quotation
TM 1-629	Single Orifice Air Valve, dia 80 mm	Nr	1	4,570	15,555	4,253	4,570	15,555	4,253	Rate 2001
TM 1-630	Ball Valve, dia 80 mm	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	Rate 2001
	For Culvert/Utility Crossing and Depression Point (PN 16)									
TM 1-631	Double Socket I/Tee with 200x80 mm Flanged Branch	Nr	1	6,787	23,101	6,316	6,787	23,101	6,316	quotation
TM 1-632	Collar, dia 200 mm	Nr	1	6,276	21,362	5,840	6,276	21,362	5,840	quotation
	For Wash Out (PN 16)									
TM 1-633	Flanged Spigot, dia 80 mm	Nr	3	1,422	4,840	1,323	4,266	14,520	3,969	quotation
Total of page BOQ - 270 to TM 1 Bill Summary							1,534,120	5,222,115	1,427,640	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-634	Conection Adaptor, dia 80 mm	Nr	1	3,994	13,595	3,717	3,994	13,595	3,717	Rate 2001
TM 1-635	Sluice Valve, dia 80 mm	Nr	1	2,285	7,777	2,126	2,285	7,777	2,126	Rate 2001
	Extra over for bridge crossing									
	For Pipe Bridge Across Mahaweli River (PN 25)									
TM 1-636	Socket & Spigot Pipes, dia 800 mm length 6 m, T Type	m	216	11,348	38,623	10,560	2,451,168	8,342,568	2,280,960	quotation
TM 1-637	Double Socket Tee with Flange, dia 800x150 mm	Nr	1	53,367	181,633	49,663	53,367	181,633	49,663	quotation
TM 1-638	Double Socket Tee with Flange, dia 800x400 mm	Nr	2	68,380	232,728	63,633	136,760	465,456	127,266	quotation
TM 1-639	Double Socket Tee with Flange, dia 800x600 mm	Nr	1	107,985	367,519	100,489	107,985	367,519	100,489	quotation
TM 1-640	Double Socket I/Tee with Flange Branch dia 800x150 mm	Nr	2	54,784	186,454	50,981	109,568	372,908	101,962	quotation
TM 1-641	Double Socket Taper dia 800x700 mm	Nr	1	40,805	138,879	37,973	40,805	138,879	37,973	quotation
TM 1-642	Double Socket Bend dia 800 mm x 11 1/4 °	Nr	1	42,522	144,721	39,570	42,522	144,721	39,570	quotation
TM 1-643	Double Socket Bend dia 800 mm x 45 °	Nr	1	65,104	221,579	60,585	65,104	221,579	60,585	quotation
TM 1-644	Double Socket Bend dia 800 mm x 90 °	Nr	1	92,241	313,936	85,838	92,241	313,936	85,838	quotation
TM 1-645	Double Flanged Bend dia 400 mm x 90 °	Nr	4	32,321	110,003	30,077	129,284	440,012	120,308	quotation
TM 1-646	Double Flanged Bend dia 800 mm x 90 °	Nr	4	129,617	441,144	120,620	518,468	1,764,576	482,480	quotation
TM 1-647	Double Flanged Pipe, dia 400 mm, length 5300 mm	Nr	2	109,004	370,987	101,437	218,008	741,974	202,874	quotation
TM 1-648	Double Flanged Pipe, dia 800 mm, length 5300 mm	Nr	2	321,683	1,094,824	299,353	643,366	2,189,648	598,706	quotation
TM 1-649	Flanged Spigot, dia 150 mm	Nr	6	3,190	10,860	2,969	19,140	65,160	17,814	quotation
TM 1-650	Flanged Spigot, dia 400 mm	Nr	4	17,143	58,346	15,953	68,572	233,384	63,812	quotation
TM 1-651	Flanged Spigot, dia 800 mm	Nr	4	58,202	198,087	54,162	232,808	792,348	216,648	quotation
TM 1-652	Puddle Flanged Plain Pipe (2.0m), dia 800 mm	Nr	2	111,930	380,945	104,160	223,860	761,890	208,320	quotation
TM 1-653	Plain Short Piece (1.0m) dia 400 mm	Nr	1	15,218	51,794	14,161	15,218	51,794	14,161	quotation
TM 1-654	Plain Short Piece (1.5m) dia 700 mm	Nr	1	53,142	180,865	49,453	53,142	180,865	49,453	quotation
Total of page BOQ - 271 to TM 1 Bill Summary							5,227,665	17,792,222	4,864,725	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-655	Plain End Piece with paddle, dia 800 mm, length 1500 mm	Nr	2	71,138	242,115	66,200	142,276	484,230	132,400	quotation
TM 1-656	End Cap, dia 400 mm	Nr	4	17,795	60,564	16,559	71,180	242,256	66,236	quotation
TM 1-657	Flange Adaptor dia 800 mm	Nr	2	30,205	102,803	28,109	60,410	205,606	56,218	quotation
TM 1-658	Collar dia 150 mm	Nr	2	5,034	17,136	4,685	10,068	34,272	9,370	quotation
TM 1-659	Collar dia 400 mm	Nr	4	16,876	57,437	15,704	67,504	229,748	62,816	quotation
TM 1-660	Collar dia 800 mm	Nr	10	47,707	162,370	44,396	477,070	1,623,700	443,960	quotation
TM 1-661	Conevton Adaptor (PVC/DI), dia 150 mm	Nr	2	6,422	21,860	5,977	12,844	43,720	11,954	quotation
TM 1-662	Butterfly Valve dia 800 mm	Nr	2	131,991	449,223	122,829	263,982	898,446	245,658	Rate 2001
TM 1-663	Sluice Valve, dia 150 mm	Nr	2	4,362	14,847	4,059	8,724	29,694	8,118	Rate 2001
TM 1-664	Double Orifice Air Valve dia 150 mm	Nr	1	121,435	413,296	113,005	121,435	413,296	113,005	quotation
TM 1-665	Ball Valve dia 150 mm	Nr	1	13,266	45,150	12,345	13,266	45,150	12,345	Rate 2001
TM 1-666	Flanged Plag, dia 400 mm	Nr	1	14,235	48,451	13,247	14,235	48,451	13,247	quotation
TM 1-667	Flanged Plag, dia 600 mm	Nr	1	17,795	60,564	16,559	17,795	60,564	16,559	quotation
	<u>For Pipe Bridge Across River (PN 10)</u>									
TM 1-668	Flanged Tee dia 200 x 80 mm	Nr	1	7,803	26,557	7,261	7,803	26,557	7,261	quotation
TM 1-669	Double Socket Bends dia 200 mm x 45 ^o	Nr	4	5,278	17,965	4,912	21,112	71,860	19,648	quotation
TM 1-670	Collar, dia 200 mm	Nr	3	6,276	21,362	5,840	18,828	64,086	17,520	quotation
TM 1-671	Single Orifice Air Valve dia 80 mm	Nr	1	4,570	15,555	4,253	4,570	15,555	4,253	Rate 2001
TM 1-672	Ball Valve dia 80 mm	Nr	1	3,979	13,544	3,703	3,979	13,544	3,703	Rate 2001
	<u>For Pipe Bridge Across River (PN 16)</u>									
TM 1-673	Double Flanged Tee dia 200 x 80 mm	Nr	1	8,012	27,271	7,456	8,012	27,271	7,456	quotation
TM 1-674	Double Flanged Tee dia 300 x 100 mm	Nr	1	17,008	57,886	15,827	17,008	57,886	15,827	quotation
TM 1-675	Flanged Tee dia 500 x 100 mm	Nr	1	45,949	156,384	42,759	45,949	156,384	42,759	quotation
Total of page BOQ - 272 to TM 1 Bill Summary							1,408,050	4,792,276	1,310,313	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-676	Double Socket Tee with Flanged Branch, dia 250x80 mm	Nr	1	8,071	27,470	7,511	8,071	27,470	7,511	quotation
TM 1-677	Double Socket Tee with Flanged Branch, dia 350x100 mm	Nr	2	12,802	43,572	11,913	25,604	87,144	23,826	quotation
TM 1-678	Double Socket Tee with Flanged Branch, dia 500x100 mm	Nr	1	20,195	68,734	18,793	20,195	68,734	18,793	quotation
TM 1-679	Double Socket Tee with Flanged Branch, dia 600x100 mm	Nr	1	25,439	86,583	23,674	25,439	86,583	23,674	quotation
TM 1-680	Double Socket Bends dia 250 mm x 45 ⁰	Nr	4	7,047	23,986	6,558	28,188	95,944	26,232	quotation
TM 1-681	Double Socket Bends dia 350 mm x 45 ⁰	Nr	8	13,399	45,604	12,469	107,192	364,832	99,752	quotation
TM 1-682	Double Socket Bends dia 500 mm x 45 ⁰	Nr	4	24,342	82,847	22,652	97,368	331,388	90,608	quotation
TM 1-683	Double Socket Bends dia 600 mm x 45 ⁰	Nr	4	33,758	114,895	31,415	135,032	459,580	125,660	quotation
TM 1-684	Double Flanged Bends dia 300 mm x 45 ⁰	Nr	8	14,414	49,059	13,414	115,312	392,472	107,312	quotation
TM 1-685	Double Flanged Bends dia 500 mm x 45 ⁰	Nr	4	35,863	122,057	33,373	143,452	488,228	133,492	quotation
TM 1-686	Double Flanged pipe (0.5m) dia 200 mm	Nr	16	3,502	11,920	3,259	56,032	190,720	52,144	quotation
TM 1-687	Double Flanged pipe (0.5m) dia 300 mm	Nr	4	5,998	20,417	5,582	23,992	81,668	22,328	quotation
TM 1-688	Double Flanged pipe (0.5m) dia 350 mm	Nr	3	7,498	25,520	6,977	22,494	76,560	20,931	quotation
TM 1-689	Double Flanged pipe (0.5m) dia 500 mm	Nr	4	13,317	45,325	12,393	53,268	181,300	49,572	quotation
TM 1-690	Double Flanged pipe (1.5m) dia 200 mm	Nr	5	10,507	35,761	9,777	52,535	178,805	48,885	quotation
TM 1-691	Double Flanged pipe (1.5m) dia 300 mm	Nr	2	17,996	61,251	16,747	35,992	122,502	33,494	quotation
TM 1-692	Double Flanged pipe (1.5m) dia 350 mm	Nr	1	22,495	76,561	20,933	22,495	76,561	20,933	quotation
TM 1-693	Double Flanged pipe (1.5m) dia 500 mm	Nr	2	39,952	135,975	37,179	79,904	271,950	74,358	quotation
TM 1-694	Double Flanged pipe (2m) dia 200 mm	Nr	1	14,009	47,681	13,037	14,009	47,681	13,037	quotation
TM 1-695	Double Flanged pipe (2m) dia 500 mm	Nr	1	53,270	181,301	49,572	53,270	181,301	49,572	quotation
TM 1-696	Double Flanged pipe (3m) dia 200 mm	Nr	3	21,014	71,522	19,555	63,042	214,566	58,665	quotation
TM 1-697	Double Flanged pipe (3m) dia 500 mm	Nr	1	79,905	271,951	74,358	79,905	271,951	74,358	quotation
TM 1-698	Double Flanged pipe (4m) dia 200 mm	Nr	4	28,019	95,362	26,074	112,076	381,448	104,296	quotation
Total of page BOQ - 273 to TM 1 Bill Summary							1,374,867	4,679,388	1,279,433	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-699	Double Flanged pipe (4m) dia 300 mm	Nr	2	47,992	163,338	44,660	95,984	326,676	89,320	quotation
TM 1-700	Double Flanged pipe (4m) dia 350 mm	Nr	2	59,987	204,163	55,823	119,974	408,326	111,646	quotation
TM 1-701	Double Flanged pipe (4m) dia 500 mm	Nr	3	106,540	362,602	99,144	319,620	1,087,806	297,432	quotation
TM 1-702	Flanged Spigot pipe dia 200 mm	Nr	10	4,171	14,198	3,882	41,710	141,980	38,820	quotation
TM 1-703	Flanged Spigot pipe dia 300 mm	Nr	4	7,665	26,090	7,133	30,660	104,360	28,532	quotation
TM 1-704	Flanged Spigot pipe dia 500 mm	Nr	2	21,216	72,207	19,743	42,432	144,414	39,486	quotation
TM 1-705	Collar dia 250 mm	Nr	3	8,137	27,694	7,572	24,411	83,082	22,716	quotation
TM 1-706	Collar dia 300 mm	Nr	4	11,080	37,711	10,311	44,320	150,844	41,244	quotation
TM 1-707	Collar dia 350 mm	Nr	11	13,958	47,507	12,989	153,538	522,577	142,879	quotation
TM 1-708	Collar dia 500 mm	Nr	7	22,460	76,443	20,901	157,220	535,101	146,307	quotation
TM 1-709	Collar dia 600 mm	Nr	6	28,384	96,604	26,414	170,304	579,624	158,484	quotation
TM 1-710	Single Orifice Air Valve dia 80 mm	Nr	3	4,570	15,555	4,253	13,710	46,665	12,759	Rate 2001
TM 1-711	Double Orifice Air Valve dia 100 mm	Nr	5	96,959	329,995	90,229	484,795	1,649,975	451,145	quotation
TM 1-712	Ball Valve dia 80 mm	Nr	3	3,979	13,544	3,703	11,937	40,632	11,109	Rate 2001
TM 1-713	Ball Valve dia 100 mm	Nr	5	5,637	19,187	5,246	28,185	95,935	26,230	Rate 2001
	<u>For Pipe Bridge Across River (PN 25)</u>									
TM 1-714	Double Flanged pipe (4m) dia 150 mm	Nr	1	20,490	69,737	19,067	20,490	69,737	19,067	quotation
TM 1-715	Double Flanged pipe (4m) dia 400 mm	Nr	2	82,267	279,990	76,556	164,534	559,980	153,112	quotation
TM 1-716	Double Flanged Short Piece (0.5m) dia 150 mm	Nr	3	2,561	8,717	2,383	7,683	26,151	7,149	quotation
TM 1-717	Double Flanged Short Piece (0.5m) dia 400 mm	Nr	3	10,283	34,998	9,569	30,849	104,994	28,707	quotation
TM 1-718	Double Flanged Short Piece (1.5m) dia 400 mm	Nr	1	30,850	104,996	28,708	30,850	104,996	28,708	quotation
TM 1-719	Double Flanged Short Piece (3.0m) dia 150 mm	Nr	1	15,367	52,303	14,300	15,367	52,303	14,300	quotation
TM 1-720	Flanged Spigot pipe dia 150 mm	Nr	2	2,846	9,689	2,649	5,692	19,378	5,298	quotation
Total of page BOQ - 274 to TM 1 Bill Summary							2,014,265	6,855,536	1,874,450	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 1: Supply of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
TM 1-721	Flanged Spigot pipe dia 400 mm	Nr	2	13,438	45,738	12,505	26,876	91,476	25,010	quotation
TM 1-722	Collar dia 400 mm	Nr	2	16,876	57,437	15,704	33,752	114,874	31,408	quotation
Total of page BOQ - 275 to TM 1 Bill Summary							60,628	206,350	56,418	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 2: Supply of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks	
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen		
	<p>Supply and Delivery at site all PVC/GI pipes and fittings including rubber rings, jointing materials and all other associated materials required for complete installation</p> <p>All PVC pipes and fittings shall be with rubber ring joints unless specified</p> <p>All PVC pipes & fittings shall be Type 1000</p> <p>Pihilladeniya Junction to Pihilladeniya Reservoir as depicted in Drawing No: 20-C-09</p>								
TM 2 - 1	225 mm dia	m	491	1,671	700	820,461	343,700	Rate 2001	
	<p>Ampitiya Reservoir to Elhena Reservoir as depicted in Drawing No: 20-C-17</p>								
TM 2 - 2	225 mm dia	m	821	1,671	700	1,371,891	574,700	Rate 2001	
	<p>Mullepihilla New Res to Mullepihilla P.H. as depicted in Drawing No: 20-C-19</p>								
TM 2 - 3	90 mm dia	m	148	291	122	43,068	18,056	Rate 2001	
TM 2 - 4	160 mm dia	m	86	778	326	66,908	28,036	Rate 2001	
TM 2 - 5	Short Plain Pipe(2m) dia 50 mm (GI)	m	4	606	254	2,424	1,016	Rate 2001	
TM 2 - 6	Short Plain Pipe(2m) dia 100 mm (GI)	m	4	1,449	607	5,796	2,428	Rate 2001	
TM 2 - 7	Reducer dia 50 x 40 mm (GI)	Nr	2	337	141	674	282	Rate 2001	
TM 2 - 8	Reducer dia 100 x 50 mm (GI)	Nr	2	478	200	956	400	Rate 2001	
Total of page BOQ - 276 to TM 2 Bill Summary							2,312,178	968,618	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 2: Supply of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 2 - 9	Heerassagala Low Reservoir to Heerassagala Middle Res. as depicted in Drawing No: 20-C-21 225 mm dia	m	635	1,671	700	1,061,085	444,500	Rate 2001
TM 2 -10	Heerassagala Middle Res. to Heerassagala Upper Res as depicted in Drawing No : 20 - C - 22 160 mm dia	m	680	778	326	529,040	221,680	Rate 2001
TM 2 -11	Wash out for Transmission Pipelines 90 mm dia	m	210	291	122	61,110	25,620	Rate 2001
TM 2 -12	110 mm dia	m	210	469	196	98,490	41,160	Rate 2001
TM 2 -13	160 mm dia	m	20	778	326	15,560	6,520	Rate 2001
Total of page BOQ - 277 to TM 2 Bill Summary						1,765,285	739,480	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Laying & Jointing in Open Trench DI Pipes Specials & Fittings as Specified</p> <p>Rate to include for making of trial hole, excavation, cutting pipes, shoring & dewatering (where necessary), bedding unless otherwise specified, backfilling or filling with imported material (where necessary), compaction & disposal of excess and unsuitable material as directed by the Engineer, and laying all pipes and valves as depicted in drawings.</p> <p>Excavation and back filling of pipe trenches with approved soil or river sand. Trench width & depth is given separately as depicted in drawings.</p> <p>Transmission Main (20-C-01: Katugastota WTP - WTP Jct.)</p> <p><u>Depth to invert of pipes not exceeding 2.0 m</u></p>							
TM 3 - 1	600 mm dia	m	177	1,656	694	293,112	122,838	Rate 2001
TM 3 - 2	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	2,399	1,006	2,399	1,006	Rate 2001
TM 3 - 3	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<p><u>Extra over Items for Culvert Crossings in Transmission Main</u></p> <p>Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.</p>							
TM 3 - 4	Type 'A'	Nr	1	278,386	116,780	278,386	116,780	Rate 2001
	<p><u>Extra over Items for Thrust block in Transmission Main</u></p>							
TM 3 - 5	Horizontal Bend (dia 600 - 700 mm)	Nr	8	74,635	31,308	597,080	250,464	Rate 2001
Total of page BOQ - 278 to TM 3 Bill Summary						1,180,697	495,165	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Miscellaneous							
TM 3 - 6	Road reinstatement (Temporary)	m ²	198	435	182	86,130	36,036	Rate 2001
TM 3 - 7	Demolition of existing asphalt road surface	m ³	19	1,476	619	28,044	11,761	Rate 2001
TM 3 - 8	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3 - 9	600 mm dia	m	177	136	57	24,072	10,089	Rate 2001
	Transmission Main (20-C-02 :Katugastota WTP -Gohagoda (Pallemulla) S.R)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 3- 10	200 mm dia	m	1,785	630	264	1,124,550	471,240	Rate 2001
TM 3- 11	250 mm dia	m	793	680	285	539,240	226,005	Rate 2001
TM 3- 12	350 mm dia	m	487	831	348	404,697	169,476	Rate 2001
TM 3- 13	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	43,611	18,294	43,611	18,294	Rate 2001
TM 3- 14	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	6	9,720	4,077	58,320	24,462	Rate 2001
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 3- 15	Type 'B'	Nr	7	22,942	9,623	160,594	67,361	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
Total of page BOQ - 279 to TM 3 Bill Summary						2,471,645	1,035,725	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3- 16	Horizontal Bend (dia 160-200 mm)	Nr	36	2,391	1,003	86,076	36,108	Rate 2001
TM 3- 17	Horizontal Bend (dia 225-250 mm)	Nr	12	3,366	1,412	40,392	16,944	Rate 2001
TM 3- 18	Horizontal Bend (dia 300-350 mm)	Nr	15	7,855	3,295	117,825	49,425	Rate 2001
TM 3- 19	Vertical Bend (dia 300-350 mm)	Nr	1	40,822	17,124	40,822	17,124	Rate 2001
TM 3- 20	Tee (dia 160-200 mm)	Nr	2	3,760	1,577	7,520	3,154	Rate 2001
TM 3- 21	Tee (dia 225-250 mm)	Nr	1	11,991	5,030	11,991	5,030	Rate 2001
TM 3- 22	Tee (dia 300-350 mm)	Nr	1	24,774	10,392	24,774	10,392	Rate 2001
TM 3- 23	Taper (dia 160-200 mm)	Nr	1	1,784	748	1,784	748	Rate 2001
TM 3- 24	Taper (dia 225-250 mm)	Nr	1	2,790	1,170	2,790	1,170	Rate 2001
TM 3- 25	Taper (dia 300-350 mm)	Nr	1	7,734	3,244	7,734	3,244	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3- 26	Wash out	Nr	7	5,215	2,187	36,505	15,309	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
TM 3- 27	Air valve (single orifice)	Nr	5	32,184	13,500	160,920	67,500	Rate 2001
TM 3- 28	Air valve (double orifice)	Nr	2	38,953	16,340	77,906	32,680	Rate 2001
	<u>Miscellaneous</u>							
Total of page BOQ - 280 to TM 3 Bill Summary						617,039	258,828	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3- 29	Road reinstatement (Temporary)	m ²	2,491	435	182	1,083,585	453,362	Rate 2001
TM 3- 30	Demolition of existing asphalt road surface	m ³	249	1,476	619	367,524	154,131	Rate 2001
TM 3- 31	Excavation in rock including disposal of excavated material (Provisional).	m ³	27	2,387	1,001	64,449	27,027	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3- 32	200 mm dia	m	1,785	45	18	80,325	32,130	Rate 2001
TM 3- 33	250 mm dia	m	793	47	19	37,271	15,067	Rate 2001
TM 3- 34	350 mm dia	m	487	104	43	50,648	20,941	Rate 2001
	Transmission Main (20-C-03 :Kondadeniya Jct. -Kondadeniya - Gohagoda Rd. Pt.)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 3- 35	300 mm dia	m	890	756	317	672,840	282,130	Rate 2001
TM 3- 36	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	12,460	5,226	12,460	5,226	Rate 2001
TM 3- 37	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 3- 38	Type 'B'	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
	<u>Extra over Items for River Crossings in Transmission Main</u>							
Total of page BOQ - 281 to TM 3 Bill Summary						2,424,706	1,013,337	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3- 39	Rate to Truss/Beam Bridge for additional excavation, additional shoring, cofferdam, forming embankment, rubble piching, sheet pile setting, piles, setting of DI pipe and fittings where necessary, making good of any damage to the existing structures, road or embankment Type PB-1 <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	1	207,371	86,990	207,371	86,990	Rate 2001
TM 3- 40	Horizontal Bend (dia 90-150 mm)	Nr	1	1,086	455	1,086	455	Rate 2001
TM 3- 41	Horizontal Bend (dia 300-350 mm)	Nr	39	7,855	3,295	306,345	128,505	Rate 2001
TM 3- 42	Vertical Bend (dia 300-350 mm)	Nr	1	40,822	17,124	40,822	17,124	Rate 2001
TM 3- 43	Tee (dia 90-150 mm)	Nr	2	895	375	1,790	750	Rate 2001
TM 3- 44	Tee (dia 300-350 mm)	Nr	1	24,774	10,392	24,774	10,392	Rate 2001
TM 3- 45	Taper (dia 300-350 mm) <u>Extra over Items for Wash out in Transmission Main</u>	Nr	1	7,734	3,244	7,734	3,244	Rate 2001
TM 3- 46	Wash out <u>Extra over Items for Valve chamber in Transmission Main</u>	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
TM 3- 47	Air valve (single orifice) <u>Extra over Items Concrete for slope sliding in Transmission Main</u>	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
TM 3- 48	Type A1 <u>Miscellaneous</u>	Nr	15	4,924	2,065	73,860	30,975	Rate 2001
TM 3- 49	Road reinstatement (Temporary)	m ²	723	435	182	314,505	131,586	Rate 2001
Total of page BOQ - 282 to TM 3 Bill Summary						1,015,686	425,708	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3- 50	Demolition of existing asphalt road surface	m ³	72	1,476	619	106,272	44,568	Rate 2001
TM 3- 51	Excavation in rock including disposal of excavated material (Provisional).	m ³	7	2,387	1,001	16,709	7,007	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3- 52	300 mm dia Transmission Main (20-C-04: WTP Jct. - Asgiriya S.R) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	890	77	32	68,530	28,480	Rate 2001
TM 3- 53	500 mm dia	m	203	1,388	582	281,764	118,146	Rate 2001
TM 3- 54	700 mm dia	m	1,850	2,010	843	3,718,500	1,559,550	Rate 2001
TM 3- 55	800 mm dia	m	300	2,425	1,017	727,500	305,100	Rate 2001
TM 3- 56	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	33,068	13,871	33,068	13,871	Rate 2001
TM 3- 57	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	4	9,720	4,077	38,880	16,308	Rate 2001
TM 3- 58	Type 'B' <u>Extra over Items for River Crossings in Transmission Main</u>	Nr	5	22,942	9,623	114,710	48,115	Rate 2001
TM 3- 59	Mahawelli River Crossing Bridge (L = 126 m) <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	1	51,753,992	21,710,385	51,753,992	21,710,385	quotation
TM 3- 60	Horizontal Bend (dia 400-500 mm)	Nr	14	16,130	6,766	225,820	94,724	Rate 2001
Total of page BOQ - 283 to TM 3 Bill Summary						57,085,745	23,946,254	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3- 61	Horizontal Bend (dia 600-700 mm)	Nr	51	74,635	31,308	3,806,385	1,596,708	Rate 2001
TM 3- 62	Vertical Bend (dia 400-500 mm)	Nr	2	50,632	21,239	101,264	42,478	Rate 2001
TM 3- 63	Tee (dia 600-700 mm)	Nr	2	107,544	45,113	215,088	90,226	Rate 2001
TM 3- 64	Taper (dia 600-700 mm)	Nr	1	78,010	32,724	78,010	32,724	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3- 65	Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 3- 66	Air valve (double orifice)	Nr	2	38,953	16,340	77,906	32,680	Rate 2001
TM 3- 67	Butterfly valve	Nr	5	165,943	69,611	829,715	348,055	Rate 2001
	<u>Extra over Items Concrete for slope sliding in Transmission Main</u>							
TM 3- 68	Type A2	Nr	8	6,149	2,579	49,192	20,632	Rate 2001
	<u>Miscellaneous</u>							
TM 3- 69	Road reinstatement (Temporary)	m ²	3,092	435	182	1,345,020	562,744	Rate 2001
TM 3- 70	Demolition of existing asphalt road surface	m ³	309	1,476	619	456,084	191,271	Rate 2001
TM 3- 71	Excavation in rock including disposal of excavated material (Provisional).	m ³	20	2,387	1,001	47,740	20,020	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3- 72	500 mm dia	m	203	131	54	26,593	10,962	Rate 2001
TM 3- 73	700 mm dia	m	1,850	138	57	255,300	105,450	Rate 2001
Total of page BOQ - 284 to TM 3 Bill Summary						7,298,727	3,058,324	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3- 74	800 mm dia Transmission Main (20-C-05: Uplands Jct. -Uplands S.R) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	300	140	58	42,000	17,400	Rate 2001
TM 3- 75	400 mm dia	m	2,019	970	406	1,958,430	819,714	Rate 2001
TM 3- 76	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	28,755	12,062	28,755	12,062	Rate 2001
TM 3- 77	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	4	9,720	4,077	38,880	16,308	Rate 2001
TM 3- 78	Type 'B' <u>Extra over Items for River Crossings in Transmission Main</u>	Nr	6	22,942	9,623	137,652	57,738	Rate 2001
TM 3- 79	Type PB-2 <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	1	5,910	2,479	5,910	2,479	Rate 2001
TM 3- 80	Horizontal Bend (dia 400-500 mm)	Nr	75	16,130	6,766	1,209,750	507,450	Rate 2001
TM 3- 81	Vertical Bend (dia 400-500 mm)	Nr	6	50,632	21,239	303,792	127,434	Rate 2001
TM 3- 82	Tee (dia 400-500 mm)	Nr	1	45,452	19,066	45,452	19,066	Rate 2001
TM 3- 83	Taper (dia 400-500 mm) <u>Extra over Items for Wash out in Transmission Main</u>	Nr	1	34,009	14,266	34,009	14,266	Rate 2001
TM 3- 84	Wash out <u>Extra over Items for Valve chamber in Transmission Main</u>	Nr	3	5,215	2,187	15,645	6,561	Rate 2001
Total of page BOQ - 285 to TM 3 Bill Summary						3,820,275	1,600,478	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3- 85	Air valve (double oriifice)	Nr	2	38,953	16,340	77,906	32,680	Rate 2001
TM 3- 86	Sluice valve	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
TM 3- 87	Butterfly valve	Nr	2	165,943	69,611	331,886	139,222	Rate 2001
	<u>Extra over Items Concrete for slope sliding in Transmission Main</u>							
TM 3- 88	Type A1	Nr	7	4,924	2,065	34,468	14,455	Rate 2001
	<u>Miscellaneous</u>							
TM 3- 89	Road reinstatement (Temporary)	m ²	1,823	435	182	793,005	331,786	Rate 2001
TM 3- 90	Demolition of existing asphalt road surface	m ³	182	1,476	619	268,632	112,658	Rate 2001
TM 3- 91	Excavation in rock including disposal of excavated material (Provisional).	m ³	18	2,387	1,001	42,966	18,018	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3- 92	400 mm dia	m	2,019	120	50	242,280	100,950	Rate 2001
	Transmission Main (20-C-06: Asgiriya Jct. -Bahirawakanda S.R)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 3- 93	250 mm dia	m	1,801	680	285	1,224,680	513,285	Rate 2001
TM 3- 94	500 mm dia	m	491	1,388	582	681,508	285,762	Rate 2001
TM 3- 95	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	32,589	13,670	32,589	13,670	Rate 2001
Total of page BOQ - 286 to TM 3 Bill Summary						3,800,678	1,592,168	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3- 96	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	4	9,720	4,077	38,880	16,308	Rate 2001
TM 3- 97	Type 'B' <u>Extra over Items for River Crossings in Transmission Main</u>	Nr	3	22,942	9,623	68,826	28,869	Rate 2001
TM 3- 98	Type PB-3 <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	1	270,101	113,305	270,101	113,305	Rate 2001
TM 3- 99	Horizontal Bend (dia 225-250 mm)	Nr	86	3,366	1,412	289,476	121,432	Rate 2001
TM 3-100	Horizontal Bend (dia 400-500 mm)	Nr	14	16,130	6,766	225,820	94,724	Rate 2001
TM 3-101	Vertical Bend (dia 225-250 mm)	Nr	5	21,807	9,147	109,035	45,735	Rate 2001
TM 3-102	Tee (dia 400-500 mm)	Nr	2	45,452	19,066	90,904	38,132	Rate 2001
TM 3-103	Taper (dia 400-500 mm) <u>Extra over Items for Wash out in Transmission Main</u>	Nr	3	34,009	14,266	102,027	42,798	Rate 2001
TM 3-104	Wash out <u>Extra over Items for Valve chamber in Transmission Main</u>	Nr	5	5,215	2,187	26,075	10,935	Rate 2001
TM 3-105	Air valve (single orifice)	Nr	3	32,184	13,500	96,552	40,500	Rate 2001
TM 3-106	Sluice valve	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
TM 3-107	Butterfly valve <u>Extra over Items Concrete for slope sliding in Transmission Main</u>	Nr	1	165,943	69,611	165,943	69,611	Rate 2001
Total of page BOQ - 287 to TM 3 Bill Summary						1,554,397	652,031	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-108	Type A1 Miscellaneous	Nr	14	4,924	2,065	68,936	28,910	Rate 2001
TM 3-109	Road reinstatement (Temporary)	m ²	1,939	435	182	843,465	352,898	Rate 2001
TM 3-110	Demolition of existing asphalt road surface	m ³	193	1,476	619	284,868	119,467	Rate 2001
TM 3-111	Excavation in rock including disposal of excavated material (Provisional). Field Hydrostatic Pressure and Leakage Test. Disinfection and Cleaning of Pipeline as Specified.	m ³	20	2,387	1,001	47,740	20,020	quotation
TM 3-112	250 mm dia	m	1,892	47	19	88,924	35,948	Rate 2001
TM 3-113	500 mm dia Transmission Main (20-C-07: WTP Jct. - Katugastota Brd. Jct.) Depth to invert of pipes not exceeding 2.0 m	m	399	131	54	52,269	21,546	Rate 2001
TM 3-114	600 mm dia	m	421	1,656	694	697,176	292,174	Rate 2001
TM 3-115	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	5,751	2,412	5,751	2,412	Rate 2001
TM 3-116	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition Extra over Items for River Crossings in Transmission Main	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
TM 3-117	Pingaoya Bridge (L = 47 m)	Nr	1	2,391,554	1,003,237	2,391,554	1,003,237	quotation
Total of page BOQ - 288 to TM 3 Bill Summary						4,490,403	1,880,689	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-118	Type PB-4 <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	1	452,972	190,018	452,972	190,018	Rate 2001
TM 3-119	Horizontal Bend (dia 600-700 mm)	Nr	10	74,635	31,308	746,350	313,080	Rate 2001
TM 3-120	Tee (dia 600-700 mm) <u>Extra over Items for Wash out in Transmission Main</u>	Nr	1	107,544	45,113	107,544	45,113	Rate 2001
TM 3-121	Wash out <u>Extra over Items for Valve chamber in Transmission Main</u>	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
TM 3-122	Air valve (double orifice)	Nr	1	38,953	16,340	38,953	16,340	Rate 2001
TM 3-123	Butterfly valve <u>Miscellaneous</u>	Nr	1	165,943	69,611	165,943	69,611	Rate 2001
TM 3-124	Road reinstatement (Temporary)	m ²	471	435	182	204,885	85,722	Rate 2001
TM 3-125	Demolition of existing asphalt road surface	m ³	47	1,476	619	69,372	29,093	Rate 2001
TM 3-126	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	3	2,387	1,001	7,161	3,003	quotation
TM 3-127	600 mm dia Transmission Main (20-C-09: Pihilladeniya Jct. - Pihilladeniya S.R) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	421	136	57	57,256	23,997	Rate 2001
Total of page BOQ - 289 to TM 3 Bill Summary						1,860,866	780,351	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-128	200 mm dia	m	100	630	264	63,000	26,400	Rate 2001
TM 3-129	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	5,751	2,412	5,751	2,412	
TM 3-130	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 3-131	Type 'B'	Nr	1	22,942	9,623	22,942	9,623	Rate 2001
	<u>Extra over Items for River Crossings in Transmission Main</u>							
TM 3-132	Type PB-7	Nr	1	148,550	62,315	148,550	62,315	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 3-133	Horizontal Bend (dia 160-200 mm)	Nr	1	2,391	1,003	2,391	1,003	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3-134	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 3-135	Butterfly valve	Nr	1	165,943	69,611	165,943	69,611	Rate 2001
	<u>Extra over Items Concrete for slope sliding in Transmission Main</u>							
TM 3-136	Type A1	Nr	16	4,924	2,065	78,784	33,040	Rate 2001
	<u>Miscellaneous</u>							
TM 3-137	Road reinstatement (Temporary)	m ²	333	435	182	144,855	60,606	Rate 2001
Total of page BOQ - 290 to TM 3 Bill Summary						647,151	271,274	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-138	Demolition of existing asphalt road surface	m ³	33	1,476	619	48,708	20,427	Rate 2001
TM 3-139	Excavation in rock including disposal of excavated material (Provisional).	m ³	3	2,387	1,001	7,161	3,003	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3-140	200 mm dia Transmission Main (20-C-10: Bangalawatta Jct. -Bangalawatta S.R) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	410	45	18	18,450	7,380	Rate 2001
TM 3-141	250 mm dia	m	1,119	680	285	760,920	318,915	Rate 2001
TM 3-142	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	15,815	6,634	15,815	6,634	Rate 2001
TM 3-143	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 3-144	Type 'B' <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	3	22,942	9,623	68,826	28,869	Rate 2001
TM 3-145	Horizontal Bend (dia 225-250 mm)	Nr	44	3,366	1,412	148,104	62,128	Rate 2001
TM 3-146	Vertical Bend (dia 225-250 mm)	Nr	1	21,807	9,147	21,807	9,147	Rate 2001
Total of page BOQ - 291 to TM 3 Bill Summary						1,109,231	464,657	

GREATER KANDY WATER SUPPLY PROJECT

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BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3-147	Wash out	Nr	4	5,215	2,187	20,860	8,748	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 3-148	Air valve (single orifice)	Nr	4	32,184	13,500	128,736	54,000	Rate 2001
	<u>Miscellaneous</u>							
TM 3-149	Road reinstatement (Temporary)	m ²	909	435	182	395,415	165,438	Rate 2001
TM 3-150	Demolition of existing asphalt road surface	m ³	90	1,476	619	132,840	55,710	Rate 2001
TM 3-151	Excavation in rock including disposal of excavated material (Provisional).	m ³	9	2,387	1,001	21,483	9,009	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3-152	250 mm dia Transmission Main (20-C-11: Katugastota Brd. Jct. - Kahawatta S.R & P.S Jct.) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	1,119	47	19	52,593	21,261	Rate 2001
TM 3-153	500 mm dia	m	3,695	1,388	582	5,128,660	2,150,490	Rate 2001
TM 3-154	600 mm dia	m	887	1,656	694	1,468,872	615,578	Rate 2001
TM 3-155	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	64,698	27,140	64,698	27,140	Rate 2001
TM 3-156	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
Total of page BOQ - 292 to TM 3 Bill Summary						7,423,877	3,111,451	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
<u>Extra over Items for Culvert Crossings in Transmission Main</u>								
TM 3-157	Type 'B'	Nr	21	22,942	9,623	481,782	202,083	Rate 2001
TM 3-158	Type 'E'	Nr	3	5,394	2,262	16,182	6,786	Rate 2001
<u>Extra over Items for River Crossings in Transmission Main</u>								
TM 3-159	Type PB-1	Nr	1	207,371	86,990	207,371	86,990	Rate 2001
TM 3-160	Type PB-5	Nr	1	466,732	195,790	466,732	195,790	Rate 2001
<u>Extra over Items for Thrust block in Transmission Main</u>								
TM 3-161	Horizontal Bend (dia 400-500 mm)	Nr	66	16,130	6,766	1,064,580	446,556	Rate 2001
TM 3-162	Horizontal Bend (dia 600-700 mm)	Nr	1	74,635	31,308	74,635	31,308	Rate 2001
TM 3-163	Tee (dia 400-500 mm)	Nr	1	45,452	19,066	45,452	19,066	Rate 2001
TM 3-164	Tee (dia 600-700 mm)	Nr	1	107,544	45,113	107,544	45,113	Rate 2001
TM 3-165	Taper (dia 300-350 mm)	Nr	1	7,734	3,244	7,734	3,244	Rate 2001
TM 3-166	Taper (dia 600-700 mm)	Nr	1	78,010	32,724	78,010	32,724	Rate 2001
<u>Extra over Items for Wash out in Transmission Main</u>								
TM 3-167	Wash out	Nr	7	5,215	2,187	36,505	15,309	Rate 2001
<u>Extra over Items for Valve chamber in Transmission Main</u>								
TM 3-168	Air valve (double orifice)	Nr	7	38,953	16,340	272,671	114,380	Rate 2001
Total of page BOQ - 293 to TM 3 Bill Summary						2,859,198	1,199,349	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-169	Sluice valve	Nr	2	70,758	29,682	141,516	59,364	Rate 2001
TM 3-170	Butterfly valve	Nr	3	165,943	69,611	497,829	208,833	Rate 2001
	Miscellaneous							
TM 3-171	Road reinstatement (Temporary)	m ²	4,733	435	182	2,058,855	861,406	Rate 2001
TM 3-172	Demolition of existing asphalt road surface	m ³	473	1,476	619	698,148	292,787	Rate 2001
TM 3-173	Excavation in rock including disposal of excavated material (Provisional).	m ³	40	2,387	1,001	95,480	40,040	quotation
	Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.							
TM 3-174	500 mm dia	m	3,695	131	54	484,045	199,530	Rate 2001
TM 3-175	600 mm dia	m	887	136	57	120,632	50,559	Rate 2001
	Transmission Main (20-C-12: Kahalla Jct. - Kahalla S.R)							
	Depth to invert of pipes not exceeding 2.0 m							
TM 3-176	200 mm dia	m	831	630	264	523,530	219,384	Rate 2001
TM 3-177	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	11,981	5,025	11,981	5,025	Rate 2001
TM 3-178	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	Extra over Items for Culvert Crossings in Transmission Main							
TM 3-179	Type 'B'	Nr	4	22,942	9,623	91,768	38,492	Rate 2001
Total of page BOQ - 294 to TM 3 Bill Summary						4,733,504	1,979,497	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 3-180	Horizontal Bend (dia 160-200 mm)	Nr	42	2,391	1,003	100,422	42,126	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3-181	Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 3-182	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
TM 3-183	Road reinstatement (Temporary)	m ²	676	435	182	294,060	123,032	Rate 2001
TM 3-184	Demolition of existing asphalt road surface	m ³	67	1,476	619	98,892	41,473	Rate 2001
TM 3-185	Excavation in rock including disposal of excavated material (Provisional).	m ³	7	2,387	1,001	16,709	7,007	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3-186	200 mm dia	m	831	45	18	37,395	14,958	Rate 2001
	Transmission Main (20-C-13: Kahawatta S.R & P.S Jct. - Akurana S.R)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 3-187	200 mm dia	m	1,222	630	264	769,910	322,629	Rate 2001
TM 3-188	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	17,253	7,237	17,253	7,237	Rate 2001
Total of page BOQ - 295 to TM 3 Bill Summary						1,377,255	576,336	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-189	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
TM 3-190	Type 'B' <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	4	22,942	9,623	91,768	38,492	Rate 2001
TM 3-191	Horizontal Bend (dia 160-200 mm) <u>Extra over Items for Wash out in Transmission Main</u>	Nr	57	2,391	1,003	136,287	57,171	Rate 2001
TM 3-192	Wash out <u>Extra over Items for Valve chamber in Transmission Main</u>	Nr	4	5,215	2,187	20,860	8,748	Rate 2001
TM 3-193	Air valve (single orifice) <u>Extra over Items Concrete for slope sliding in Transmission Main</u>	Nr	4	32,184	13,500	128,736	54,000	Rate 2001
TM 3-194	Type A1 <u>Miscellaneous</u>	Nr	9	4,924	2,065	44,316	18,585	Rate 2001
TM 3-195	Road reinstatement (Temporary)	m ²	992	435	182	431,520	180,544	Rate 2001
TM 3-196	Demolition of existing asphalt road surface	m ³	99	1,476	619	146,124	61,281	Rate 2001
TM 3-197	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	10	2,387	1,001	23,870	10,010	quotation
TM 3-198	200 mm dia	m	1,222	45	18	54,990	21,996	Rate 2001
Total of page BOQ - 296 to TM 3 Bill Summary						1,097,911	458,981	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Transmission Main (20-C-14: Kahawatta S.R & P.S Jct. - Kurugoda S.R)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 3-199	350 mm dia	m	3,821	831	348	3,175,251	1,329,708	Rate 2001
TM 3-200	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	54,155	22,717	54,155	22,717	Rate 2001
TM 3-201	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	7	9,720	4,077	68,040	28,539	Rate 2001
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 3-202	Type 'B'	Nr	13	22,942	9,623	298,246	125,099	Rate 2001
	<u>Extra over Items for River Crossings in Transmission Main</u>							
TM 3-203	Type PB-3	Nr	1	270,101	113,305	270,101	113,305	Rate 2001
TM 3-204	Type PB-5	Nr	1	466,732	195,790	466,732	195,790	Rate 2001
TM 3-205	Type PB-6	Nr	1	80,841	33,912	80,841	33,912	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 3-206	Horizontal Bend (dia 300-350 mm)	Nr	185	7,855	3,295	1,453,175	609,575	Rate 2001
TM 3-207	Vertical Bend (dia 300-350 mm)	Nr	3	40,822	17,124	122,466	51,372	Rate 2001
TM 3-208	Tee (dia 300-350 mm)	Nr	1	24,774	10,392	24,774	10,392	Rate 2001
TM 3-209	Taper (dia 300-350 mm)	Nr	1	7,734	3,244	7,734	3,244	Rate 2001
Total of page BOQ - 297 to TM 3 Bill Summary						6,021,515	2,523,653	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3-210	Wash out	Nr	11	5,215	2,187	57,365	24,057	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 3-211	Air valve (double orifice)	Nr	9	38,953	16,340	350,577	147,060	Rate 2001
TM 3-212	Sluice valve	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
TM 3-213	Butterfly valve	Nr	1	165,943	69,611	165,943	69,611	Rate 2001
	<u>Miscellaneous</u>							
TM 3-214	Road reinstatement (Temporary)	m ²	3,105	435	182	1,350,675	565,110	Rate 2001
TM 3-215	Demolition of existing asphalt road surface	m ³	310	1,476	619	457,560	191,890	Rate 2001
TM 3-216	Excavation in rock including disposal of excavated material (Provisional).	m ³	33	2,387	1,001	78,771	33,033	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3-217	350 mm dia	m	3,821	104	43	397,384	164,303	Rate 2001
	Transmission Main (20-C-15: Thelambugahawatta Jct. - Thelambugahawatta S.R)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 3-218	250 mm dia	m	910	680	285	618,800	259,350	Rate 2001
TM 3-219	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	12,939	5,427	12,939	5,427	Rate 2001
Total of page BOQ - 298 to TM 3 Bill Summary						3,560,772	1,489,523	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-220	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
TM 3-221	Type 'B' <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
TM 3-222	Horizontal Bend (dia 225-250 mm)	Nr	11	3,366	1,412	37,026	15,532	Rate 2001
TM 3-223	Horizontal Bend (dia 300-350 mm) <u>Miscellaneous</u>	Nr	4	7,855	3,295	31,420	13,180	Rate 2001
TM 3-224	Road reinstatement (Temporary)	m ²	740	435	182	321,900	134,680	Rate 2001
TM 3-225	Demolition of existing asphalt road surface	m ³	74	1,476	619	109,224	45,806	Rate 2001
TM 3-226	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	8	2,387	1,001	19,096	8,008	quotation
TM 3-227	250 mm dia Transmission Main (20-C-16: R3 (KMC) S.R - Ampitiya Pt. - Ampitiya S.R & P.S) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	910	47	19	42,770	17,290	Rate 2001
Total of page BOQ - 299 to TM 3 Bill Summary						626,760	261,896	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-228	300 mm dia	m	1,782	756	317	1,347,192	564,894	Rate 2001
TM 3-229	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	25,400	10,655	25,400	10,655	Rate 2001
TM 3-230	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	3	9,720	4,077	29,160	12,231	Rate 2001
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 3-231	Type 'B'	Nr	5	22,942	9,623	114,710	48,115	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 3-232	Horizontal Bend (dia 300-350 mm)	Nr	75	7,855	3,295	589,125	247,125	Rate 2001
TM 3-233	Vertical Bend (dia 300-350 mm)	Nr	6	40,822	17,124	244,932	102,744	Rate 2001
TM 3-234	Tee (dia 300-350 mm)	Nr	2	24,774	10,392	49,548	20,784	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3-235	Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 3-236	Air valve (single orifice)	Nr	2	32,184	13,500	64,368	27,000	Rate 2001
TM 3-237	Sluice valve	Nr	3	70,758	29,682	212,274	89,046	Rate 2001
	<u>Extra over Items Concrete for slope sliding in Transmission Main</u>							
TM 3-238	Type A1	Nr	10	4,924	2,065	49,240	20,650	Rate 2001
	<u>Miscellaneous</u>							
TM 3-239	Road reinstatement (Temporary)	m ²	1,447	435	182	629,445	263,354	Rate 2001
Total of page BOQ - 300 to TM 3 Bill Summary						3,365,824	1,410,972	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-240	Demolition of existing asphalt road surface	m ³	144	1,476	619	212,544	89,136	Rate 2001
TM 3-241	Excavation in rock including disposal of excavated material (Provisional).	m ³	15	2,387	1,001	35,805	15,015	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3-242	300 mm dia Transmission Main (20-C-17: Ampitiya S.R - Elhena S.R) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	1,782	77	32	137,214	57,024	Rate 2001
TM 3-243	200 mm dia	m	3,095	630	264	1,949,850	817,080	Rate 2001
TM 3-244	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	43,611	18,294	43,611	18,294	Rate 2001
TM 3-245	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	6	9,720	4,077	58,320	24,462	Rate 2001
TM 3-246	Type 'B'	Nr	9	22,942	9,623	206,478	86,607	Rate 2001
TM 3-247	Type 'E' <u>Extra over Items for River Crossings in Transmission Main</u>	Nr	2	5,394	2,262	10,788	4,524	Rate 2001
TM 3-248	Type PB-1	Nr	1	207,371	86,990	207,371	86,990	Rate 2001
TM 3-249	Type PB-2 <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	4	5,910	2,479	23,640	9,916	Rate 2001
Total of page BOQ - 301 to TM 3 Bill Summary						2,885,621	1,209,048	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-250	Horizontal Bend (dia 160-200 mm)	Nr	110	2,391	1,003	263,010	110,330	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3-251	Wash out	Nr	5	5,215	2,187	26,075	10,935	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 3-252	Air valve (single orifice)	Nr	4	32,184	13,500	128,736	54,000	Rate 2001
TM 3-253	Sluice valve	Nr	2	70,758	29,682	141,516	59,364	Rate 2001
	<u>Extra over Items Concrete for slope sliding in Transmission Main</u>							
TM 3-254	Type A1	Nr	17	4,924	2,065	83,708	35,105	Rate 2001
TM 3-255	Type A2	Nr	10	6,149	2,579	61,490	25,790	Rate 2001
	<u>Miscellaneous</u>							
TM 3-256	Road reinstatement (Temporary)	m ²	2,514	435	182	1,093,590	457,548	Rate 2001
TM 3-257	Demolition of existing asphalt road surface	m ³	251	1,476	619	370,476	155,369	Rate 2001
TM 3-258	Excavation in rock including disposal of excavated material (Provisional).	m ³	27	2,387	1,001	64,449	27,027	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3-259	200 mm dia	m	3,095	45	18	139,275	55,710	Rate 2001
	Transmission Main (20-C-18: Ampitiya S.R - Mullepihilla Low New S.R)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
Total of page BOQ - 302 to TM 3 Bill Summary						2,372,325	991,178	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-260	150 mm dia	m	1,892	531	222	1,004,652	420,024	Rate 2001
TM 3-261	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	26,838	11,258	26,838	11,258	Rate 2001
TM 3-262	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	3	9,720	4,077	29,160	12,231	Rate 2001
TM 3-263	Type 'B'	Nr	6	22,942	9,623	137,652	57,738	Rate 2001
TM 3-264	Type 'E' <u>Extra over Items for River Crossings in Transmission Main</u>	Nr	1	5,394	2,262	5,394	2,262	Rate 2001
TM 3-265	Type PB-2 <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	1	5,910	2,479	5,910	2,479	Rate 2001
TM 3-266	Horizontal Bend (dia 90-150 mm)	Nr	66	1,086	455	71,676	30,030	Rate 2001
TM 3-267	Vertical Bend (dia 90-150 mm) <u>Extra over Items for Wash out in Transmission Main</u>	Nr	2	8,557	3,589	17,114	7,178	Rate 2001
TM 3-268	Wash out <u>Miscellaneous</u>	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
TM 3-269	Road reinstatement (Temporary)	m ²	1,538	435	182	669,030	279,916	Rate 2001
TM 3-270	Demolition of existing asphalt road surface	m ³	153	1,476	619	225,828	94,707	Rate 2001
TM 3-271	Excavation in rock including disposal of excavated material (Provisional).	m ³	16	2,387	1,001	38,192	16,016	quotation
Total of page BOQ - 303 to TM 3 Bill Summary						2,236,661	936,026	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-272	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u> 150 mm dia	m	1,892	37	15	70,004	28,380	Rate 2001
	Transmission Main (20-C-20: Heerassagala Jct. - Heerassagala Low S.R)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 3-273	350 mm dia	m	1,001	831	348	831,831	348,348	Rate 2001
TM 3-274	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	14,377	6,031	14,377	6,031	Rate 2001
TM 3-275	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 3-276	Type 'B'	Nr	3	22,942	9,623	68,826	28,869	Rate 2001
	<u>Extra over Items for River Crossings in Transmission Main</u>							
TM 3-277	Type PB-2	Nr	1	5,910	2,479	5,910	2,479	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 3-278	Horizontal Bend (dia 300-350 mm)	Nr	64	7,855	3,295	502,720	210,880	Rate 2001
TM 3-279	Vertical Bend (dia 300-350 mm)	Nr	3	40,822	17,124	122,466	51,372	Rate 2001
TM 3-280	Tee (dia 300-350 mm)	Nr	1	24,774	10,392	24,774	10,392	Rate 2001
TM 3-281	Taper (dia 300-350 mm)	Nr	1	7,734	3,244	7,734	3,244	Rate 2001
Total of page BOQ - 304 to TM 3 Bill Summary						1,668,082	698,149	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3-282	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 3-283	Butterfly valve	Nr	2	165,943	69,611	331,886	139,222	quotation
	<u>Miscellaneous</u>							
TM 3-284	Road reinstatement (Temporary)	m ²	814	435	182	354,090	148,148	Rate 2001
TM 3-285	Demolition of existing asphalt road surface	m ³	81	1,476	619	119,556	50,139	Rate 2001
TM 3-286	Excavation in rock including disposal of excavated material (Provisional).	m ³	9	2,387	1,001	21,483	9,009	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3-287	350 mm dia	m	1,001	104	43	104,104	43,043	Rate 2001
	Transmission Main (20-C-21: Heerassagala Low S.R - Heerassagala Middle S.R)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 3-288	200 mm dia	m	628	630	264	395,640	165,792	Rate 2001
TM 3-289	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	11,981	5,025	11,981	5,025	Rate 2001
TM 3-290	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
Total of page BOQ - 305 to TM 3 Bill Summary						1,353,675	566,642	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 3-291	Type 'B'	Nr	6	22,942	9,623	137,652	57,738	Rate 2001
	<u>Extra over Items for River Crossings in Transmission Main</u>							
TM 3-292	Type PB-5	Nr	1	466,732	195,790	466,732	195,790	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 3-293	Horizontal Bend (dia 160-200 mm)	Nr	52	2,391	1,003	124,332	52,156	Rate 2001
TM 3-294	Vertical Bend (dia 160-200 mm)	Nr	5	15,921	6,678	79,605	33,390	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3-295	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Miscellaneous</u>							
TM 3-296	Construction of culvert (L =4.5 m)	Nr	1	534,512	224,223	534,512	224,223	quotation
TM 3-297	Road reinstatement (Temporary)	m ²	686	435	182	298,410	124,852	Rate 2001
TM 3-298	Demolition of existing asphalt road surface	m ³	68	1,476	619	100,368	42,092	Rate 2001
TM 3-299	Excavation in rock including disposal of excavated material (Provisional).	m ³	7	2,387	1,001	16,709	7,007	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 3-300	200 mm dia Transmission Main (20-C-22: Heerassagala Middle S.R - Heerassagala Upper S.R)	m	845	45	18	38,025	15,210	Rate 2001
Total of page BOQ - 306 to TM 3 Bill Summary						1,801,560	754,645	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 3-301	150 mm dia	m	80	531	222	42,480	17,760	Rate 2001
TM 3-302	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	4,792	2,010	4,792	2,010	Rate 2001
TM 3-303	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 3-304	Type 'B'	Nr	1	22,942	9,623	22,942	9,623	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 3-305	Horizontal Bend (dia 90-150 mm)	Nr	12	1,086	455	13,032	5,460	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 3-306	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items Concrete for slope sliding in Transmission Main</u>							
TM 3-307	Type A1	Nr	7	4,924	2,065	34,468	14,455	Rate 2001
	<u>Miscellaneous</u>							
TM 3-308	Road reinstatement (Temporary)	m ²	264	435	182	114,840	48,048	Rate 2001
TM 3-309	Demolition of existing asphalt road surface	m ³	26	1,476	619	38,376	16,094	Rate 2001
TM 3-310	Excavation in rock including disposal of excavated material (Provisional).	m ³	3	2,387	1,001	7,161	3,003	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
Total of page BOQ - 307 to TM 3 Bill Summary						293,026	122,717	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-311	150 mm dia Transmission Main (20-C-23: R2 (KMC) S.R - Hantana Place S.R) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	325	37	15	12,025	4,875	Rate 2001
TM 3-312	200 mm dia	m	815	630	264	513,450	215,160	Rate 2001
TM 3-313	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	11,502	4,824	11,502	4,824	Rate 2001
TM 3-314	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
TM 3-315	Type 'B' <u>Extra over Items for River Crossings in Transmission Main</u>	Nr	1	22,942	9,623	22,942	9,623	Rate 2001
TM 3-316	Type PB-6 <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	1	80,841	33,912	80,841	33,912	Rate 2001
TM 3-317	Horizontal Bend (dia 160-200 mm)	Nr	31	2,391	1,003	74,121	31,093	Rate 2001
TM 3-318	Vertical Bend (dia 160-200 mm) <u>Extra over Items for Wash out in Transmission Main</u>	Nr	6	15,921	6,678	95,526	40,068	Rate 2001
TM 3-319	Wash out <u>Extra over Items Concrete for slope sliding in Transmission Main</u>	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
Total of page BOQ - 308 to TM 3 Bill Summary						825,342	345,819	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 3: Laying of DI Pipes/Valves/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 3-320	Type A1 Miscellaneous	Nr	21	4,924	2,065	103,404	43,365	Rate 2001
TM 3-321	Road reinstatement (Temporary)	m ²	663	435	182	288,405	120,666	Rate 2001
TM 3-322	Demolition of existing asphalt road surface	m ³	66	1,476	619	97,416	40,854	Rate 2001
TM 3-323	Excavation in rock including disposal of excavated material (Provisional). Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.	m ³	7	2,387	1,001	16,709	7,007	quotation
TM 3-324	200 mm dia	m	815	45	18	36,675	14,670	Rate 2001
Total of page BOQ - 309 to TM 3 Bill Summary						542,609	226,562	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 4: Laying of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Laying & Jointing in Open Trench PVC Pipes Specials & Fittings as Specified.</p> <p>Rate to include for making of trial hole, excavation, cutting pipes, shoring & dewatering (where necessary), bedding unless otherwise specified, backfilling or filling with imported material (where necessary), compaction & disposal of excess and unsuitable material as directed by the Engineer, and laying all pipes and valves as depicted in drawings.</p> <p>Excavation and back filling of pipe trenches with approved soil or river sand. Trench width & depth is given separately as depicted in drawings.</p> <p>Transmission Main (20-C-09: Pihilladeniya Jct. - Pihilladeniya S.R)</p> <p><u>Depth to invert of pipes not exceeding 2.0 m</u></p>							
TM 4 - 1	225 mm dia	m	491	420	176	206,220	86,416	Rate 2001
TM 4 - 2	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	4,745	1,990	4,745	1,990	Rate 2001
TM 4 - 3	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 4 - 4	Horizontal Bend (dia 225-250 mm)	Nr	11	3,366	1,412	37,026	15,532	Rate 2001
Total of page BOQ - 310 to TM 4 Bill Summary						257,711	108,015	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 4: Laying of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 4 - 5	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 4 - 6	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
TM 4 - 7	Road reinstatement (Temporary)	m ²	147	435	182	63,945	26,754	Rate 2001
TM 4 - 8	Demolition of existing asphalt road surface	m ³	14	1,476	619	20,664	8,666	Rate 2001
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 4 - 9	225 mm dia Transmission Main (20-C-17: Ampitiya S.R - Elhena S.R) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	491	25	10	12,275	4,910	Rate 2001
TM 4 - 10	225 mm dia	m	821	420	176	344,820	144,496	Rate 2001
TM 4 - 11	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	21,436	8,992	21,436	8,992	Rate 2001
Total of page BOQ - 311 to TM 4 Bill Summary						500,539	209,505	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 4: Laying of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 4- 12	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
TM 4- 13	Type 'B' <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	3	22,942	9,623	68,826	28,869	Rate 2001
TM 4- 14	Horizontal Bend (dia 225-250 mm)	Nr	32	3,366	1,412	107,712	45,184	Rate 2001
TM 4- 15	Vertical Bend (dia 225-250 mm) <u>Extra over Items for Wash out in Transmission Main</u>	Nr	1	21,807	9,147	21,807	9,147	Rate 2001
TM 4- 16	Wash out <u>Extra over Items for Valve chamber in Transmission Main</u>	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
TM 4- 17	Air valve (single orifice) <u>Miscellaneous</u>	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
TM 4- 18	Road reinstatement (Temporary)	m ²	667	435	182	290,145	121,394	Rate 2001
TM 4- 19	Demolition of existing asphalt road surface <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	66	1,476	619	97,416	40,854	Rate 2001
TM 4- 20	225 mm dia	m	821	25	10	20,525	8,210	Rate 2001
Total of page BOQ - 312 to TM 4 Bill Summary						653,550	273,422	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 4: Laying of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Transmission Main (20-C-19: Mullepihilla Low New S.R - Mullepihilla Low Old P.S) <u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 4- 21	90 mm dia (PVC)	m	148	303	127	44,844	18,796	Rate 2001
TM 4- 22	160 mm dia (PVC)	m	86	324	135	27,864	11,610	Rate 2001
TM 4- 23	50 mm (GI)	m	4	344	144	1,376	576	Rate 2001
TM 4- 24	100 mm (GI)	m	4	424	177	1,696	708	Rate 2001
TM 4- 25	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	6,132	2,572	6,132	2,572	Rate 2001
TM 4- 26	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 4- 27	Horizontal Bend (dia 90-150 mm)	Nr	13	1,086	455	14,118	5,915	Rate 2001
TM 4- 28	Horizontal Bend (dia 160-200 mm)	Nr	4	2,391	1,003	9,564	4,012	Rate 2001
TM 4- 29	Vertical Bend (dia 90-150 mm)	Nr	1	8,554	3,588	8,554	3,588	Rate 2001
TM 4- 30	Vertical Bend (dia 160-200 mm)	Nr	2	15,921	6,678	31,842	13,356	Rate 2001
TM 4- 31	Tee (dia 90-150 mm)	Nr	2	895	375	1,790	750	Rate 2001
TM 4- 32	Tee (dia 160-200 mm)	Nr	1	3,760	1,577	3,760	1,577	Rate 2001
Total of page BOQ - 313 to TM 4 Bill Summary						161,260	67,537	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 4: Laying of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 4- 33	Taper (dia 90-150 mm)	Nr	1	282	118	282	118	Rate 2001
TM 4- 34	Taper (dia 160-200 mm)	Nr	1	1,784	748	1,784	748	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 4- 35	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items Concrete for slope sliding in Transmission Main</u>							Rate 2001
TM 4- 36	Type A1	Nr	15	4,924	2,065	73,860	30,975	Rate 2013
	<u>Miscellaneous</u>							
TM 4- 37	Road reinstatement (Temporary)	m ²	162	435	182	70,470	29,484	Rate 2001
TM 4- 38	Demolition of existing asphalt road surface	m ³	16	1,476	619	23,616	9,904	Rate 2001
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 4- 39	90 mm dia	m	148	15	6	2,220	888	Rate 2001
TM 4- 40	160 mm dia	m	86	23	9	1,978	774	Rate 2001
	Transmission Main (20-C-21: Heerassagala Low S.R - Heerassagala Middle S.R)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
TM 4- 41	225 mm dia	m	635	420	176	266,700	111,760	Rate 2001
Total of page BOQ - 314 to TM 4 Bill Summary						446,125	186,838	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 4: Laying of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 4- 42	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	9,598	4,026	9,598	4,026	Rate 2002
TM 4- 43	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Culvert Crossings in Transmission Main</u>							
TM 4- 44	Type 'B'	Nr	1	22,942	9,623	22,942	9,623	Rate 2001
	<u>Extra over Items for Thrust block in Transmission Main</u>							
TM 4- 45	Horizontal Bend (dia 225-250 mm)	Nr	20	3,366	1,412	67,320	28,240	Rate 2001
	<u>Extra over Items for Wash out in Transmission Main</u>							
TM 4- 46	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Transmission Main</u>							
TM 4- 47	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
TM 4- 48	Road reinstatement (Temporary)	m ²	299	435	182	130,065	54,418	Rate 2001
TM 4- 49	Demolition of existing asphalt road surface	m ³	29	1,476	619	42,804	17,951	Rate 2001
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
Total of page BOQ - 315 to TM 4 Bill Summary						319,848	134,022	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 4: Laying of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
TM 4- 50	225 mm dia Transmission Main (20-C-22: Heerassagala Middle S.R - Heerassagala Upper S.R) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	635	25	10	15,875	6,350	Rate 2001
TM 4- 51	160 mm dia	m	680	324	135	220,320	91,800	Rate 2001
TM 4- 52	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	Sum	11,358	4,764	11,358	4,764	Rate 2002
TM 4- 53	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Transmission Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
TM 4- 54	Type 'B' <u>Extra over Items for Thrust block in Transmission Main</u>	Nr	1	22,942	9,623	22,942	9,623	Rate 2001
TM 4- 55	Horizontal Bend (dia 160-200 mm)	Nr	31	2,391	1,003	74,121	31,093	Rate 2001
TM 4- 56	Vertical Bend (dia 160-200 mm) <u>Extra over Items for Wash out in Transmission Main</u>	Nr	1	15,921	6,678	15,921	6,678	Rate 2001
TM 4- 57	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
Total of page BOQ - 316 to TM 4 Bill Summary						375,472	156,572	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.TM 4: Laying of PVC Pipes/Fittings

Transmission Main

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Miscellaneous</u>							
TM 4- 58	Road reinstatement (Temporary)	m ²	300	435	182	130,500	54,600	Rate 2001
TM 4- 59	Demolition of existing asphalt road surface	m ³	30	1,476	619	44,280	18,570	Rate 2001
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
TM 4- 60	160 mm dia Extra over wash out for Transmission Main (DI Pipelines) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	680	23	9	15,640	6,120	Rate 2001
TM 4- 61	90 mm dia	m	210	303	127	63,630	26,670	Rate 2001
TM 4- 62	110 mm dia	m	210	304	127	63,840	26,670	Rate 2001
TM 4- 63	160 mm dia <u>Extra over Items for Thrust block in Transmission Main</u>	m	20	324	135	6,480	2,700	Rate 2001
TM 4- 64	Horizontal Bend (dia 90-150 mm)	Nr	30	1,120	469	33,600	14,070	Rate 2001
	<u>Miscellaneous</u>							
TM 4- 65	Road reinstatement (Temporary)	m ²	132	148	62	19,536	8,184	Rate 2001
TM 4- 66	Demolition of existing asphalt road surface <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	13	14	5	182	65	Rate 2001
TM 4- 67	90 mm dia	m	210	15	6	3,150	1,260	Rate 2001
TM 4- 68	110 mm dia	m	210	19	7	3,990	1,470	Rate 2001
TM 4- 69	160 mm dia	m	20	22	9	440	180	Rate 2001
Total of page BOQ - 317 to TM 4 Bill Summary						385,268	160,559	

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM 2 - Sum

Supply of PVC Pipes/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TM 2	Page BOQ - 276 of Bill TM 2	2,312,178	968,618
	Page BOQ - 277 of Bill TM 2	1,765,285	739,480
TM2-SUM	Total of TM 2 to Bill Summary	4,077,463	1,708,098

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM 3 - Sum

Laying of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TM 3	Page BOQ - 278 of Bill TM 3	1,180,697	495,165
	Page BOQ - 279 of Bill TM 3	2,471,645	1,035,725
	Page BOQ - 280 of Bill TM 3	617,039	258,828
	Page BOQ - 281 of Bill TM 3	2,424,706	1,013,337
	Page BOQ - 282 of Bill TM 3	1,015,686	425,708
	Page BOQ - 283 of Bill TM 3	57,085,745	23,946,254
	Page BOQ - 284 of Bill TM 3	7,298,727	3,058,324
	Page BOQ - 285 of Bill TM 3	3,820,275	1,600,478
	Page BOQ - 286 of Bill TM 3	3,800,678	1,592,168
	Page BOQ - 287 of Bill TM 3	1,554,397	652,031
	Page BOQ - 288 of Bill TM 3	4,490,403	1,880,689
	Page BOQ - 289 of Bill TM 3	1,860,866	780,351
	Page BOQ - 290 of Bill TM 3	647,151	271,274
	Page BOQ - 291 of Bill TM 3	1,109,231	464,657
	Carried Forward	89,377,246	37,474,989

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM 3 - Sum

Laying of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	89,377,246	37,474,989
TM 3	Page BOQ - 292 of Bill TM 3	7,423,877	3,111,451
	Page BOQ - 293 of Bill TM 3	2,859,198	1,199,349
	Page BOQ - 294 of Bill TM 3	4,733,504	1,979,497
	Page BOQ - 295 of Bill TM 3	1,377,255	576,336
	Page BOQ - 296 of Bill TM 3	1,097,911	458,981
	Page BOQ - 297 of Bill TM 3	6,021,515	2,523,653
	Page BOQ - 298 of Bill TM 3	3,560,772	1,489,523
	Page BOQ - 299 of Bill TM 3	626,760	261,896
	Page BOQ - 300 of Bill TM 3	3,365,824	1,410,972
	Page BOQ - 301 of Bill TM 3	2,885,621	1,209,048
	Page BOQ - 302 of Bill TM 3	2,372,325	991,178
	Page BOQ - 303 of Bill TM 3	2,236,661	936,026
	Page BOQ - 304 of Bill TM 3	1,668,082	698,149
	Page BOQ - 305 of Bill TM 3	1,353,675	566,642
	Carried Forward	130,960,226	54,887,690

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM 3 - Sum

Laying of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	130,960,226	54,887,690
TM 3	Page BOQ - 306 of Bill TM 3	1,801,560	754,645
	Page BOQ - 307 of Bill TM 3	293,026	122,717
	Page BOQ - 308 of Bill TM 3	825,342	345,819
	Page BOQ - 309 of Bill TM 3	542,609	226,562
TM3-SUM	Total of TM 3 to Bill Summary	134,422,763	56,337,433

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM 4 - Sum

Laying of PVC Pipes/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
TM 4	Page BOQ - 310 of Bill TM 4	257,711	108,015
	Page BOQ - 311 of Bill TM 4	500,539	209,505
	Page BOQ - 312 of Bill TM 4	653,550	273,422
	Page BOQ - 313 of Bill TM 4	161,260	67,537
	Page BOQ - 314 of Bill TM 4	446,125	186,838
	Page BOQ - 315 of Bill TM 4	319,848	134,022
	Page BOQ - 316 of Bill TM 4	375,472	156,572
	Page BOQ - 317 of Bill TM 4	385,268	160,559
TM4-SUM	Total of TM 4 to Bill Summary	3,099,773	1,296,470

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM 1 - Sum

Supply of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
TM 1	Page BOQ - 236 of Bill TM 1	7,698,813	26,205,135	7,163,613
	Page BOQ - 237 of Bill TM 1	774,344	2,635,525	720,572
	Page BOQ - 238 of Bill TM 1	262,134	892,253	243,939
	Page BOQ - 239 of Bill TM 1	223,973	762,335	208,431
	Page BOQ - 240 of Bill TM 1	2,719,237	9,254,903	2,530,363
	Page BOQ - 241 of Bill TM 1	133,992	456,065	124,687
	Page BOQ - 242 of Bill GR 1	24,544,013	83,538,562	22,841,157
	Page BOQ - 243 of Bill TM 1	8,833,621	30,064,748	8,220,437
	Page BOQ - 244 of Bill TM 1	737,393	2,509,736	686,214
	Page BOQ - 245 of Bill TM 1	9,539,493	32,470,574	8,877,363
	Carried Forward	55,467,013	188,789,836	51,616,776

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM 1 - Sum

Supply of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
	Brought Forward	55,467,013	188,789,836	51,616,776
TM 1	Page BOQ - 246 of Bill TM 1	563,379	1,917,451	524,265
	Page BOQ - 247 of Bill TM 1	337,013	1,147,074	313,630
	Page BOQ - 248 of Bill TM 1	7,169,567	24,402,265	6,670,706
	Page BOQ - 249 of Bill TM 1	274,826	935,414	255,750
	Page BOQ - 250 of Bill TM 1	888,402	3,023,649	826,733
	Page BOQ - 251 of Bill TM 1	4,486,107	15,268,308	4,174,294
	Page BOQ - 252 of Bill TM 1	550,140	1,872,490	511,955
	Page BOQ - 253 of Bill TM 1	2,729,568	9,290,353	2,539,380
	Page BOQ - 254 of Bill TM 1	27,282,017	92,855,521	25,387,204
	Page BOQ - 255 of Bill TM 1	2,461,321	8,377,110	2,290,473
	Page BOQ - 256 of Bill GR 1	912,392	3,105,461	849,091
	Page BOQ - 257 of Bill TM 1	1,859,975	6,331,168	1,730,880
	Page BOQ - 258 of Bill TM 1	2,259,592	7,691,631	2,102,762
	Page BOQ - 259 of Bill TM 1	15,209,808	51,771,472	14,152,663
	Carried Forward	122,451,120	416,779,203	113,946,562

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM 1 - Sum

Supply of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
	Brought Forward	122,451,120	416,779,203	113,946,562
TM 1	Page BOQ - 260 of Bill TM 1	15,209,808	51,771,472	14,152,663
	Page BOQ - 261 of Bill TM 1	2,094,014	7,127,180	1,948,073
	Page BOQ - 262 of Bill TM 1	5,319,942	18,106,354	4,950,423
	Page BOQ - 263 of Bill TM 1	5,445,592	18,536,818	5,067,658
	Page BOQ - 264 of Bill TM 1	2,386,109	8,124,792	2,220,455
	Page BOQ - 265 of Bill TM 1	253,478	862,858	235,901
	Page BOQ - 266 of Bill GR 1	4,176,880	14,217,341	3,886,587
	Page BOQ - 267 of Bill TM 1	503,494	1,713,644	468,545
	Page BOQ - 268 of Bill TM 1	1,369,835	4,662,811	1,274,758
	Page BOQ - 269 of Bill TM 1	189,112	643,831	175,987
	Page BOQ - 270 of Bill TM 1	1,534,120	5,222,115	1,427,640
	Page BOQ - 271 of Bill TM 1	5,227,665	17,792,222	4,864,725
	Page BOQ - 272 of Bill TM 1	1,408,050	4,792,276	1,310,313
	Page BOQ - 273 of Bill TM 1	1,374,867	4,679,388	1,279,433
	Carried Forward	168,944,086	575,032,305	157,209,723

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM 1 - Sum

Supply of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
	Brought Forward	168,944,086	575,032,305	157,209,723
TM 1	Page BOQ - 274 of Bill TM 1	2,014,265	6,855,536	1,874,450
	Page BOQ - 275 of Bill TM 1	60,628	206,350	56,418
TM1-SUM	Total of TM 1 to Bill Summary	171,018,979	582,094,191	159,140,591

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.TM - Sum

Transmission Main

BOQ Bill No	BILL DESCRIPTION	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
TM 1	Supply of DI Pipes/Valves/Fittings	171,018,979	582,094,191	159,140,591
TM 2	Supply of PVC Pipes/Fittings	4,077,463	1,708,098	-
TM 3	Laying of DI Pipes/Valves/Fittings	134,422,763	56,337,433	-
TM 4	Laying of PVC Pipes/Fittings	3,099,773	1,296,470	-
TM-SUM	Total of Transmission Main to Grand Summary	312,618,978	641,436,192	159,140,591

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>This Bill rate should include for the complete execution of the works as depicted in relevant drawings, as specified in technical specification and as per site conditions.</p> <p>The tenderers are expected to visit the site and ascertain for themselves the scope and the extent of the clearing to be done.</p> <p>(1) SERVICE RESERVOIR</p> <p>Kurugoda as depicted in drawing No.30-C-01</p> <p><u>Excavation and Earth Work</u></p>							
SR 1 - 1	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1 - 2	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	797	257	107	204,829	85,279	quotation
SR 1 - 3	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	149	450	188	67,050	28,012	quotation
SR 1 - 4	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
	<p>Thelambughawatta as depicted in drawing No.30-C-03</p> <p><u>Excavation and Earth Work</u></p>							
Total of page BOQ - 328 to SR 1 Bill Summary						287,066	119,661	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1 - 5	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	10,125	4,247	10,125	4,247	quotation
SR 1 - 6	Rock blasting. Rate shall include removing debris off site as directed.	m ³	45	2,387	1,001	107,415	45,045	quotation
SR 1 - 7	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	279	257	107	71,703	29,853	quotation
SR 1 - 8	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	99	450	188	44,550	18,612	quotation
SR 1 - 9	Allow for dewatering of pit	Item	Sum	15,187	6,370	15,187	6,370	quotation
Kahawatta as depicted in drawing No.30-C-04								
<u>Excavation and Earth Work</u>								
SR 1- 10	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
SR 1- 11	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	939	257	107	241,323	100,473	quotation
SR 1- 12	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	221	450	188	99,450	41,548	quotation
SR 1- 13	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
<u>Access Road</u>								
Total of page BOQ - 329 to SR 1 Bill Summary						625,190	261,013	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1- 14	Allow for clearing site, uproot trees and disposal of debris.	Item	Sum	202,500	84,947	202,500	84,947	quotation
SR 1- 15	Allow for cutting and forming of earth to the grades as depicted in drawing.	m ³	210	196	82	41,160	17,220	quotation
SR 1- 16	Allow for filling forming and compacting approved earth to the grades as depicted in drawing.	m ³	210	380	159	79,800	33,390	quotation
SR 1- 17	Allow for construction of road kerbs as depicted in drawing.	m	280	562	235	157,360	65,800	quotation
	Allow for construction of storm water drains as depicted in drawing.							
SR 1- 18	a) 450 x 450mm	m	280	3,504	1,469	981,120	411,320	quotation
SR 1- 19	Allow for slope protection masonry walls as depicted in drawing height not exceeding 3.0m.	m	280	6,981	2,928	1,954,680	819,840	quotation
SR 1- 20	Allow for construction of 3000mm wide asphalt road as depicted in drawing	m ²	420	843	353	354,060	148,260	quotation
	Kahalla as depicted in drawing No.30-C-05							
	<u>Excavation and Earth Work</u>							
SR 1- 21	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
SR 1- 22	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	544	257	107	139,808	58,208	quotation
SR 1- 23	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	153	450	188	68,850	28,764	quotation
Total of page BOQ - 330 to SR 1 Bill Summary						4,004,650	1,678,367	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1- 24	Allow for dewatering of pit Bangalawatta as depicted in drawing N0.30-C-07 <u>Excavation and Earth Work</u>	Item	Sum	10,125	4,247	10,125	4,247	quotation
SR 1- 25	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1- 26	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	1,324	257	107	340,268	141,668	quotation
SR 1- 27	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	297	450	188	133,650	55,836	quotation
SR 1- 28	Allow for dewatering of pit Pihilladeniya as depicted in drawing N0.30-C-08 <u>Excavation and Earth Work</u>	Item	Sum	10,125	4,247	10,125	4,247	quotation
SR 1- 29	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1- 30	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	522	257	107	134,154	55,854	quotation
Total of page BOQ - 331 to SR 1 Bill Summary						638,446	266,098	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1- 31	Excavation in rock including disposal of excavated material(Provisional).	m ³	100	2,387	1,001	238,700	100,100	quotation
SR 1- 32	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	136	450	188	61,200	25,568	quotation
SR 1- 33	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
Kurugammana as depicted in drawing No.30-C-09								
<u>Excavation and Earth Work</u>								
SR 1- 34	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1- 35	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	20	257	107	5,140	2,140	quotation
SR 1- 36	Excavation in rock including disposal of excavated material(Provisional).	m ³	100	2,387	1,001	238,700	100,100	quotation
SR 1- 37	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
Kondadeniya as depicted in drawing No.30-C-10								
<u>Excavation and Earth Work</u>								
SR 1- 38	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
Total of page BOQ - 332 to SR 1 Bill Summary						574,114	240,648	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1- 39	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	819	257	107	210,483	87,633	quotation
SR 1- 40	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	240	450	188	108,000	45,120	quotation
SR 1- 41	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
	Gohagoda as depicted in drawing No.30-C-12							
	<u>Excavation and Earth Work</u>							
SR 1- 42	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1- 43	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	745	257	107	191,465	79,715	quotation
SR 1- 44	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	108	450	188	48,600	20,304	quotation
SR 1- 45	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
	<u>Piles</u>							
SR 1- 46	Bored Piles 600mm dia.	m	158	7,312	3,067	1,155,296	484,586	quotation
Total of page BOQ - 333 to SR 1 Bill Summary						1,739,156	727,975	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1- 47	Load testing of piles 690mm dia Asgiriya as depicted in drawing No.30-C-13 <u>Excavation and Earth Work</u>	Nr	3	281,250	117,982	843,750	353,946	quotation
SR 1- 48	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	354,375	148,657	354,375	148,657	quotation
SR 1- 49	Allow for dewatering of pit <u>Piles</u>	Item	Sum	101,250	42,473	101,250	42,473	quotation
SR 1- 50	Bored Piles 600mm dia.	m	756	7,312	3,067	5,527,872	2,318,652	quotation
SR 1- 51	Load testing of piles 690mm dia <u>Access Road</u>	Nr	14	281,250	117,982	3,937,500	1,651,748	quotation
SR 1- 52	Allow for clearing site, uproot trees and disposal of debris.	Item	Sum	303,750	127,420	303,750	127,420	quotation
SR 1- 53	Allow for cutting and forming of earth to the grades as depicted in drawing.	m ³	250	196	82	49,000	20,500	quotation
SR 1- 54	Allow for filling forming and compacting approved earth to the grades as depicted in drawing.	m ³	250	380	159	95,000	39,750	quotation
SR 1- 55	Allow for construction of road kerbs as depicted in drawing.	m	200	562	235	112,400	47,000	quotation
Total of page BOQ - 334 to SR 1 Bill Summary						11,324,897	4,750,146	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1- 56	Allow for construction of storm water drains as depicted in drawing. a) 450 x 450mm	m	200	3,504	1,469	700,800	293,800	quotation
SR 1- 57	Allow for slope protection masonry walls as depicted in drawing height not exceeding 3.0m.	m	200	6,981	2,928	1,396,200	585,600	quotation
SR 1- 58	Allow for construction of 5000mm wide asphalt road as depicted in drawing	m ²	500	900	377	450,000	188,500	quotation
Bahirawakanda as depicted in drawing No.30-C-15								
<u>Excavation and Earth Work</u>								
SR 1- 59	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
SR 1- 60	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
<u>Piles</u>								
SR 1- 61	Bored Piles 750mm dia.	m	214	8,437	3,539	1,805,518	757,346	quotation
SR 1- 62	Load testing of piles 750mm dia	Nr	3	393,750	165,174	1,181,250	495,522	quotation
Uplands as depicted in drawing No.30-C-16								
<u>Excavation and Earth Work</u>								
Total of page BOQ - 335 to SR 1 Bill Summary						5,569,205	2,335,633	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1- 63	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	202,500	84,947	202,500	84,947	quotation
SR 1- 64	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	520	257	107	133,640	55,640	quotation
SR 1- 65	Excavation in rock including disposal of excavated material(Provisional).	m ³	1,873	2,387	1,001	4,470,851	1,874,873	quotation
SR 1- 66	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	128	450	188	57,600	24,064	quotation
SR 1- 67	Allow for dewatering of pit	Item	Sum	202,500	84,947	202,500	84,947	quotation
	Dangolla as depicted in drawing No.30-C-18							
	<u>Excavation and Earth Work</u>							
SR 1- 68	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1- 69	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	2,087	257	107	536,359	223,309	quotation
SR 1- 70	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	431	450	188	193,950	81,028	quotation
SR 1- 71	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
Total of page BOQ - 336 to SR 1 Bill Summary						5,812,587	2,435,178	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
Heerassagala Low as depicted in drawing No.30-C-19								
<u>Excavation and Earth Work</u>								
SR 1- 72	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1- 73	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	443	257	107	113,851	47,401	quotation
SR 1- 74	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	114	450	188	51,300	21,432	quotation
SR 1- 75	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
Heerassagala Middle as depicted in drawing No.30-C-20								
<u>Excavation and Earth Work</u>								
SR 1- 76	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1- 77	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	737	257	107	189,409	78,859	quotation
SR 1- 78	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	214	450	188	96,300	40,232	quotation
SR 1- 79	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
Total of page BOQ - 337 to SR 1 Bill Summary						481,234	200,664	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
Heerassagala Upper as depicted in drawing No.30-C-21								
<u>Excavation and Earth Work</u>								
SR 1- 80	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1- 81	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	414	257	107	106,398	44,298	quotation
SR 1- 82	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	135	450	188	60,750	25,380	quotation
SR 1- 83	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
Hantana Place as depicted in drawing No.30-C-22								
<u>Excavation and Earth Work</u>								
SR 1- 84	Demolition of existing pump house	Item	Sum	62,781	26,336	62,781	26,336	Rate 2001
SR 1- 85	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1- 86	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	184	257	107	47,288	19,688	quotation
SR 1- 87	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	55	450	188	24,750	10,340	quotation
SR 1- 88	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
Total of page BOQ - 338 to SR 1 Bill Summary						332,341	138,782	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Ampitiya as depicted in drawing No.30-C-23							
	<u>Excavation and Earth Work</u>							
SR 1- 89	Demolition of existing office/stair, and of stair	Item	Sum	332,383	139,432	332,383	139,432	Rate 2001
	<u>External Works</u>							
SR 1- 90	Chain link fence as per detail drawing.	m	99	1,660	696	164,340	68,904	quotation
SR 1- 91	Removing of existing fence including clearance of debris.	m	90	58	24	5,220	2,160	quotation
	<u>Access Roads</u>							
SR 1- 92	Allow for clearing site, up root trees and disposal of debris.	Item	Sum	202,500	84,947	202,500	84,947	quotation
SR 1- 93	Allow for cutting and forming of earth to the grades as depicted in drawing.	m ³	120	196	82	23,520	9,840	quotation
SR 1- 94	Allow for filling forming and compacting approved earth to the grades as depicted in drawing.	m ³	120	380	159	45,600	19,080	quotation
SR 1- 95	Allow for construction of road kerbs as depicted in drawing.	m	160	562	235	89,920	37,600	quotation
SR 1- 96	Allow for construction of storm water drains as depicted in drawing.							
SR 1- 97	a) 450 x 450mm	m	160	3,504	1,469	560,640	235,040	quotation
SR 1- 98	Allow for slope protection masonry walls as depicted in drawing height not exceeding 3.0m.	m	160	6,981	2,928	1,116,960	468,480	quotation
SR 1- 99	Allow for construction of 3.0m wide asphalt roads as depicted in drawing.	m ²	240	843	353	202,320	84,720	quotation
Total of page BOQ - 339 to SR 1 Bill Summary						2,743,403	1,150,203	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Mullepihilla Low New as depicted in drawing No.30-C-25							
	<u>Excavation and Earth Work</u>							
SR 1-100	Demolition/Reconstruction of existing concrete stair	Item	Sum	478,657	200,792	478,657	200,792	Rate 2001
SR 1-101	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1-102	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	434	257	107	111,538	46,438	quotation
SR 1-103	Excavation in rock including disposal of excavated material(Provisional).	m ³	10	2,387	1,001	23,870	10,010	quotation
SR 1-104	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	159	450	188	71,550	29,892	quotation
SR 1-105	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
	<u>Piles</u>							
SR 1-106	Bored Piles 600mm dia.	m	40	7,312	3,067	292,480	122,680	quotation
SR 1-107	Load testing of piles 600mm dia	Nr	3	281,250	117,982	843,750	353,946	quotation
	Elhena as depicted in drawing No.30-C-26							
	<u>Excavation and Earth Work</u>							
Total of page BOQ - 340 to SR 1 Bill Summary						1,837,032	770,128	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1-108	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm and remove top soil to a depth 150mm.	Item	Sum	5,062	2,123	5,062	2,123	quotation
SR 1-109	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for pits up to depth of 3.0m return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	132	257	107	33,924	14,124	quotation
SR 1-110	Planking and strutting to sides of pits not exceeding 3.0m depth commencing at existing ground level.	m ²	44	450	188	19,800	8,272	quotation
SR 1-111	Allow for dewatering of pit	Item	Sum	10,125	4,247	10,125	4,247	quotation
<p>(2) PUMP STATION</p> <p>This Bill rate should include for the complete execution of the works as depicted in relevant drawings, as specified in technical specification and as per site conditions.</p> <p>P-1 Kahawatta Pump Station as depicted in drawing No.30-C-04</p> <p><u>Excavation and Earth Work</u></p>								
SR 1-112	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
SR 1-113	Remove top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cartaway debris off site.	m ²	100	28	11	2,800	1,100	quotation
SR 1-114	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation pits, upto depth 2000mm return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	13	298	125	3,874	1,625	quotation
Total of page BOQ - 341 to SR 1 Bill Summary						100,897	42,109	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1-115	<u>Filling</u> Excavate from borrow pits, within or outside premises with selected fill material, transport and fill under floors in compacted layers not exceeding 150mm.	m ³	11	372	156	4,092	1,716	quotation
SR 1-116	<u>Disposal of Water</u> Allow sum for disposal of surface water	Item	Sum	25,312	10,618	25,312	10,618	quotation
SR 1-117	<u>Termite Treatment</u> Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	34,323	14,398	34,323	14,398	quotation
P-2 Asgiriya Pump Station as depicted in drawing No.30-C-14								
SR 1-118	<u>Excavation and Earth Work</u> Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm.	Item	Sum	15,187	6,370	15,187	6,370	quotation
SR 1-119	Remove top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cartaway debris off site.	m ²	85	28	11	2,380	935	quotation
Total of page BOQ - 342 to SR 1 Bill Summary						81,294	34,037	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1-120	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation pits, upto depth 2000mm return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	73	298	125	21,754	9,125	quotation
	<u>Disposal of Water</u>							
SR 1-121	Allow sum for disposal of surface water	Item	Sum	10,125	4,247	10,125	4,247	quotation
	<u>Termite Treatment</u>							
SR 1-122	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	10,125	4,247	10,125	4,247	quotation
	<u>Piles</u>							
SR 1-123	Bored Piles 600mm dia.	m	49	7,312	3,067	358,288	150,283	quotation
SR 1-124	Load testing of piles 600mm dia	Nr	2	281,250	117,982	562,500	235,964	quotation
	P-3 KMC-R2 Pump Station as depicted in drawing No.30-C-17							
	<u>Excavation and Earth Work</u>							
SR 1-125	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
Total of page BOQ - 343 to SR 1 Bill Summary						988,104	414,484	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1-126	Remove top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cartaway debris off site.	m ²	78	28	11	2,184	858	quotation
SR 1-127	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation pits, upto depth 2000mm return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	16	298	125	4,768	2,000	quotation
SR 1-128	Demolition/Reconstruction of existing concrete stair	Item	Sum	265,920	111,551	265,920	111,551	Rate 2001
	<u>Filling</u>							
SR 1-129	Excavate from borrow pits, within or outside premises with selected fill material, transport and fill under floors in compacted layers not exceeding 150mm.	m ³	6	372	156	2,232	936	quotation
	<u>Disposal of Water</u>							
SR 1-130	Allow sum for disposal of surface water	Item	Sum	25,312	10,618	25,312	10,618	quotation
	<u>Termite Treatment</u>							
SR 1-131	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	22,878	9,597	22,878	9,597	quotation
	P-4 Heerassagala Low Pump Station as depicted in drawing No.30-C-19							
	<u>Excavation and Earth Work</u>							
Total of page BOQ - 344 to SR 1 Bill Summary						323,294	135,560	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1-132	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
SR 1-133	Remove top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cartaway debris off site.	m ²	93	28	11	2,604	1,023	quotation
SR 1-134	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation pits, upto depth 2000mm return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	12	298	125	3,576	1,500	quotation
	<u>Disposal of Water</u>							
SR 1-135	Allow sum for disposal of surface water	Item	Sum	25,312	10,618	25,312	10,618	quotation
	<u>Termite Treatment</u>							
SR 1-136	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	11,439	4,798	11,439	4,798	quotation
	P-5 Heerassagala Middle Pump Station as depicted in drawing No.30-C-20							
	<u>Excavation and Earth Work</u>							
SR 1-137	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
Total of page BOQ - 345 to SR 1 Bill Summary						93,555	39,175	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1-138	Remove top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cartaway debris off site.	m ²	78	28	11	2,184	858	quotation
SR 1-139	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation pits, upto depth 2000mm return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	82	298	125	24,436	10,250	quotation
	<u>Disposal of Water</u>							
SR 1-140	Allow sum for disposal of surface water	Item	Sum	25,312	10,618	25,312	10,618	quotation
	<u>Termite Treatment</u>							
SR 1-141	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	22,878	9,597	22,878	9,597	quotation
	P-6 Ampitiya Pump Station as depicted in drawing No.30-C-23							
	<u>Excavation and Earth Work</u>							
SR 1-143	Clearing site vegetation, bushes, shrubs, under growth hedges, trees and stumps girth =<500mm.	Item	Sum	25,312	10,618	25,312	10,618	quotation
SR 1-144	Remove top soil to a depth of 150mm in the ground area occupied by the building and 1000mm perimeter surround and cartaway debris off site.	m ²	113	28	11	3,164	1,243	quotation
Total of page BOQ - 346 to SR 1 Bill Summary						103,286	43,184	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 1: Site Work

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 1-145	Excavate in all classes of soils other than a hard stratum which requires drilling and blasting for foundation pits, upto depth 2000mm return spoil for refill compacted in layers not exceeding 150mm and disposal of excavated material off site as directed.	m ³	26	298	125	7,748	3,250	quotation
	<u>Filling</u>							
SR 1-146	Excavate from borrow pits, within or outside premises with selected fill material, transport and fill under floors in compacted layers not exceeding 150mm.	m ³	10	372	156	3,720	1,560	quotation
	<u>Disposal of Water</u>							
SR 1-147	Allow sum for disposal of surface water	Item	Sum	25,312	10,618	25,312	10,618	quotation
	<u>Termite Treatment</u>							
SR 1-148	Termite treatment should be applied to all new construction. Anti termite treatment to excavated surfaces, surfaces below ground floors and site compound 3.00m beyond the external wall	Item	Sum	22,878	9,597	22,878	9,597	quotation
Total of page BOQ - 347 to SR 1 Bill Summary						59,658	25,025	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>This Bill rate should include for the complete execution of the works as depicted in relevant drawings, as specified in technical specification and as per site conditions.</p> <p>(1) SERVICE RESERVOIR</p> <p>Kurugoda as depicted in drawing No.30-C-01</p> <p><u>Concrete Work</u></p> <p>Furnish, place, compact and cure cement concrete grade 15 laid within forms in:</p>							
SR 2 - 1	a) Screed of base slab	m ³	86	5,152	2,166	443,072	186,276	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2 - 2	a) Base slab	m ³	138	6,637	2,790	915,906	385,020	quotation
SR 2 - 3	b) Walls	m ³	237	6,750	2,837	1,599,750	672,369	quotation
SR 2 - 4	c) Top slab	m ³	73	6,750	2,837	492,750	207,101	quotation
	<p><u>Formwork</u></p> <p>Furnish, fabricate, erect and strike formwork to concrete</p>							
SR 2 - 5	a) Sides and soffits of slabs	m ²	363	421	176	152,823	63,888	quotation
SR 2 - 6	b) Sides of walls	m ²	1,160	450	189	522,000	219,240	quotation
Total of page BOQ - 348 to SR 2 Bill Summary						4,126,301	1,733,894	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Reinforcement</u>							
SR 2 - 7	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	72	50,625	21,283	3,645,000	1,532,376	quotation
	<u>Water Proofing</u>							
SR 2 - 8	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	698	956	401	667,288	279,898	quotation
	<u>Miscellaneous</u>							
	Refer standard detail drawing for following items							
SR 2 - 9	Filling with pebbles to top slab	m ³	117	393	165	45,981	19,305	quotation
SR 2- 10	Supply & fix stainless steel ladder to detail drawing	Nr	2	11,250	4,729	22,500	9,458	quotation
SR 2- 11	Supply & fix Hot dip Galvanized external ladder.	Nr	1	22,500	9,459	22,500	9,459	quotation
	Supply & fix Aluminium door, window to detail drawing							
SR 2- 12	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2- 13	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2- 14	Supply & fix chequered plate man hole cover to detail drawing	Nr	2	5,625	2,364	11,250	4,728	quotation
Total of page BOQ - 349 to SR 2 Bill Summary						4,430,640	1,862,000	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2- 15	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2- 16	Supply & fix PVC water bar	m	231	1,687	709	1,660	709	quotation
SR 2- 18	Chain link fence as per detail drawing.	m	111	1,660	697	184,260	77,367	quotation
SR 2- 19	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2- 20	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2- 21	Construction of storm water drains as per detail drawing.	m	76	1,687	709	128,212	53,884	quotation
	<u>Architectural Equipment</u>							
SR 2- 22	Supply all small power and lighting complete	Item	Sum	76,500	32,162	76,500	32,162	quotation
SR 2- 23	Supply all yard lighting complete	Item	Sum	61,875	26,013	61,875	26,013	quotation
SR 2- 24	Install all small power and lighting complete	Item	Sum	19,125	8,040	19,125	8,040	quotation
SR 2- 25	Install all yard lighting complete	Item	Sum	9,000	3,783	9,000	3,783	quotation
	Thelambugahawatta as depicted in drawing No.30-C-03							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2- 26	a) Screed of base slab	m ³	1	5,152	2,166	5,152	2,166	quotation
Total of page BOQ - 350 to SR 2 Bill Summary						547,631	236,520	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2- 27	a) Beams	m ³	30	6,750	2,837	202,500	85,110	quotation
SR 2- 28	b) Slabs	m ³	131	6,750	2,837	884,250	371,647	quotation
SR 2- 29	c) Walls & Columns	m ³	123	6,750	2,837	830,250	348,951	quotation
SR 2- 30	d) Stair case	m ³	6	6,750	2,837	40,500	17,022	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2- 30	a) Sides and soffits of slabs & beams	m ²	498	562	236	279,876	117,528	quotation
SR 2- 31	b) Walls & columns	m ²	591	562	236	332,142	139,476	quotation
SR 2- 32	c) Stair case	m ²	34	562	236	19,108	8,024	quotation
	<u>Reinforcement</u>							
SR 2- 33	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	84	50,625	21,283	4,252,500	1,787,772	quotation
	<u>Water Proofing</u>							
Total of page BOQ - 351 to SR 2 Bill Summary						6,841,126	2,875,530	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2- 34	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing". Miscellaneous	m ²	380	956	401	363,280	152,380	quotation
SR 2- 35	Supply & fix steel ladders with safty cage as per detail drawing	Nr	2	3,937	1,655	7,874	3,310	quotation
SR 2- 36	Supply & fix Aluminium ladder as per detail.	Nr	1	5,062	2,128	5,062	2,128	quotation
SR 2- 37	Supply & fix 1200 x 2000mm steel door as per detail drawing.	Nr	1	13,799	5,801	13,799	5,801	quotation
SR 2- 38	Supply & glazed Alminium window with fixed Aluminium louvers and stainless steel wire mesh as per detail.	Nr	3	4,500	1,891	13,500	5,673	quotation
SR 2- 39	G.I. Hand rail	m	32	4,059	1,706	129,888	54,592	quotation
SR 2- 40	900 x 900mm access M/H cover to detail.	Nr	1	5,062	2,128	5,062	2,128	quotation
SR 2- 41	Supply & fix warning light	Nr	1	28,125	11,824	28,125	11,824	quotation
SR 2- 42	Supply & fix lightning conductor	Nr	1	140,625	59,121	140,625	59,121	quotation
SR 2- 43	Chain link fence as per detail drawing.	m	89	1,660	697	147,740	62,033	quotation
SR 2- 44	Supply & fix double gate as per detail drawing	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2- 45	Supply and fix G.I. Vent and necessary connection.	Item	Sum	25,312	10,641	25,312	10,641	quotation
Total of page BOQ - 352 to SR 2 Bill Summary						919,642	386,185	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2- 46	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2- 47	Construction of storm water drains as per detail drawing.	m	49	1,687	709	82,663	34,741	quotation
SR 2- 48	Supply & fix PVC water bar	m	117	1,687	709	197,379	82,953	quotation
SR 2- 49	Testing and Commissioning	Item	Sum	35,437	14,898	35,437	14,898	quotation
	<u>Architectural Equipment</u>							
SR 2- 50	Supply all small power and lighting complete	Item	Sum	83,250	35,000	83,250	35,000	quotation
SR 2- 51	Supply all yard lighting complete	Item	Sum	36,000	15,135	36,000	15,135	quotation
SR 2- 52	Supply all lightning protection complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2- 53	Install all small power and lighting complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2- 54	Install all yard lighting complete	Item	Sum	6,750	2,837	6,750	2,837	quotation
SR 2- 55	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
	<u>Kahawatta as depicted in drawing No.30-C-04</u>							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2- 56	a) Screed of base slab	m ³	1	5,152	2,166	5,152	2,166	quotation
Total of page BOQ - 353 to SR 2 Bill Summary						531,006	223,201	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2- 57	a) Beams	m ³	33	6,750	2,837	222,750	93,621	quotation
SR 2- 58	b) Slabs	m ³	145	6,750	2,837	978,750	411,365	quotation
SR 2- 59	c) Walls & Columns	m ³	136	6,750	2,837	918,000	385,832	quotation
SR 2- 60	d) Stair case	m ³	6	6,750	2,837	40,500	17,022	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2- 61	a) Sides and soffits of slabs & beams	m ²	553	562	236	310,786	130,508	quotation
SR 2- 62	b) Walls & columns	m ²	657	562	236	369,234	155,052	quotation
SR 2- 63	c) Stair case	m ²	37	562	236	20,794	8,732	quotation
	<u>Reinforcement</u>							
SR 2- 64	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	93	50,625	21,283	4,708,125	1,979,319	quotation
	<u>Water Proofing</u>							
Total of page BOQ - 354 to SR 2 Bill Summary						7,568,939	3,181,451	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2- 65	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing". Miscellaneous	m ²	423	956	401	404,388	169,623	quotation
SR 2- 66	Supply & fix steel ladders with safty cage as per detail drawing	Nr	2	3,937	1,655	7,874	3,310	quotation
SR 2- 67	Supply & fix Aluminium ladder as per detail.	Nr	1	5,062	2,128	5,062	2,128	quotation
SR 2- 68	Supply & fix 1200 x 2000mm steel door as per detail drawing.	Nr	1	13,799	5,801	13,799	5,801	quotation
SR 2- 69	Supply & glazed Alminium window with fixed Aluminium louvers and stainless steel wire mesh as per detail.	Nr	3	4,500	1,891	13,500	5,673	quotation
SR 2- 70	G.I. Hand rail	m	36	4,059	1,706	146,124	61,416	quotation
SR 2- 71	900 x 900mm access M/H cover to detail.	Nr	1	5,062	2,128	5,062	2,128	quotation
SR 2- 72	Supply & fix warning light	Nr	1	28,125	11,824	28,125	11,824	quotation
SR 2- 73	Supply & fix lightning conductor	Nr	1	140,625	59,121	140,625	59,121	quotation
SR 2- 74	Chain link fence as per detail drawing.	m	313	1,660	697	519,580	218,161	quotation
SR 2- 75	Removing of existing fence including clearence of debris	m	63	58	24	3,654	1,512	quotation
SR 2- 76	Supply & fix double gate as per detail drawing	Nr	1	39,375	16,554	39,375	16,554	quotation
Total of page BOQ - 355 to SR 2 Bill Summary						1,327,168	557,251	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2- 77	Supply and fix G.I. Vent and necessary connection.	Item	Sum	25,312	10,641	25,312	10,641	quotation
SR 2- 78	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2- 79	Construction of storm water drains as per detail drawing.	m	54	1,687	709	91,098	38,286	quotation
SR 2- 80	Supply & fix PVC water bar	m	131	1,687	709	220,997	92,879	quotation
SR 2- 81	Testing and Commissioning	Item	Sum	35,437	14,898	35,437	14,898	quotation
	<u>Architectural Equipment</u>							
SR 2- 82	Supply all small power and lighting complete	Item	Sum	123,750	52,027	123,750	52,027	quotation
SR 2- 83	Supply all telephone complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2- 84	Supply all yard lighting complete	Item	Sum	40,500	17,027	40,500	17,027	quotation
SR 2- 85	Supply all lightning protection complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2- 86	Install all small power and lighting complete	Item	Sum	33,750	14,189	33,750	14,189	quotation
SR 2- 87	Install all telephone complete	Item	Sum	56,250	23,648	56,250	23,648	quotation
SR 2- 88	Install all yard lighting complete	Item	Sum	6,750	2,837	6,750	2,837	quotation
SR 2- 89	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
Total of page BOQ - 356 to SR 2 Bill Summary						712,594	299,538	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Kahalla as depicted in drawing No.30-C-05							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2- 90	a) Screed of base slab	m ³	1	5,152	2,166	5,152	2,166	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2- 91	a) Beams	m ³	33	6,750	2,837	222,750	93,621	quotation
SR 2- 92	b) Slabs	m ³	145	6,750	2,837	978,750	411,365	quotation
SR 2- 93	c) Walls & Columns	m ³	136	6,750	2,837	918,000	385,832	quotation
SR 2- 94	d) Stair case	m ³	6	6,750	2,837	40,500	17,022	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2- 95	a) Sides and soffits of slabs & beams	m ²	553	562	236	310,786	130,508	quotation
SR 2- 96	b) Walls & columns	m ²	657	562	236	369,234	155,052	quotation
SR 2- 97	c) Stair case	m ²	37	562	236	20,794	8,732	quotation
Total of page BOQ - 357 to SR 2 Bill Summary						2,865,966	1,204,298	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2- 98	<u>Reinforcement</u> Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	93	50,625	21,283	4,708,125	1,979,319	quotation
SR 2- 99	<u>Water Proofing</u> Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	423	956	401	404,388	169,623	quotation
SR 2-100	<u>Miscellaneous</u> Supply & fix steel ladders with safty cage as per detail drawing	Nr	2	3,937	1,655	7,874	3,310	quotation
SR 2-101	Supply & fix Aluminium ladder as per detail.	Nr	1	5,062	2,128	5,062	2,128	quotation
SR 2-102	Supply & fix 1200 x 2000mm steel door as per detail drawing.	Nr	1	13,799	5,801	13,799	5,801	quotation
SR 2-103	Supply & glazed Alminium window with fixed Aluminium louvers and stainless steel wire mesh as per detail.	Nr	3	4,500	1,891	13,500	5,673	quotation
SR 2-104	G.I. Hand rail	m	36	4,059	1,706	146,124	61,416	quotation
SR 2-105	900 x 900mm access M/H cover to detail.	Nr	1	5,062	2,128	5,062	2,128	quotation
SR 2-106	Supply & fix warning light	Nr	1	28,125	11,824	28,125	11,824	quotation
Total of page BOQ - 358 to SR 2 Bill Summary						5,332,059	2,241,222	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-107	Supply & fix lightning conductor	Nr	1	140,625	59,121	140,625	59,121	quotation
SR 2-108	Chain link fence as per detail drawing.	m	31	1,660	697	51,460	21,607	quotation
SR 2-109	Supply & fix double gate as per detail drawing	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-110	Supply and fix vent and necessary connection.	Item	Sum	25,312	10,641	25,312	10,641	quotation
SR 2-111	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-112	Construction of storm water drains as per detail drawing.	m	58	1,687	709	97,846	41,122	quotation
SR 2-113	Supply & fix PVC water bar	m	131	1,687	709	220,997	92,879	quotation
SR 2-114	Testing and Commissioning	Item	Sum	35,437	14,898	35,437	14,898	quotation
	<u>Architectural Equipment</u>							
SR 2-115	Supply all small power and lighting complete	Item	Sum	123,750	52,027	123,750	52,027	quotation
SR 2-116	Supply all yard lighting complete	Item	Sum	40,500	17,027	40,500	17,027	quotation
SR 2-117	Supply all lightning protection complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2-118	Install all small power and lighting complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2-119	Install all yard lighting complete	Item	Sum	6,750	2,837	6,750	2,837	quotation
SR 2-120	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
Total of page BOQ - 359 to SR 2 Bill Summary						866,427	364,184	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Bangalawatta as depicted in drawing N0.30-C-07							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-121	a) Screed of base slab	m ³	15	5,152	2,166	77,280	32,490	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2-122	a) Base slab	m ³	68	6,637	2,790	451,316	189,720	quotation
SR 2-123	b) Walls	m ³	129	6,750	2,837	870,750	365,973	quotation
SR 2-124	c) Top slab	m ³	54	6,750	2,837	364,500	153,198	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2-125	a) Sides and soffits of slabs	m ²	167	421	176	70,307	29,392	quotation
SR 2-126	b) Sides of walls	m ²	792	450	189	356,400	149,688	quotation
	<u>Reinforcement</u>							
SR 2-127	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	35	50,625	21,283	1,771,875	744,905	quotation
Total of page BOQ - 360 to SR 2 Bill Summary						3,962,428	1,665,366	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-128	<u>Water Proofing</u> Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	536	956	401	512,416	214,936	quotation
SR 2-129	<u>Miscellaneous</u> Filling with pebbles to top slab	m ³	53	393	165	20,829	8,745	quotation
SR 2-130	Supply & fix stainless steel ladder	Nr	1	11,250	4,729	11,250	4,729	quotation
SR 2-131	Supply and fix Hot dip galvanized external ladder. Supply & fix Aluminium door and window.	Nr	1	22,500	9,459	22,500	9,459	quotation
SR 2-132	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-133	b) Type W Supply & fix chequered plate man hole cover.	Nr	2	6,971	2,930	13,942	5,860	quotation
SR 2-134	i) Size 1200mm x 800mm	Nr	2	6,750	2,837	13,500	5,674	quotation
SR 2-135	ii) Size 900mm x 900mm	Nr	2	5,625	2,364	11,250	4,728	quotation
SR 2-136	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
Total of page BOQ - 361 to SR 2 Bill Summary						630,024	264,361	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-137	Supply & fix PVC water bar	m	179	1,687	709	301,973	126,911	quotation
SR 2-138	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-139	Chain link fence as per detail drawing.	m	84	1,660	697	139,440	58,548	quotation
SR 2-140	Removing of existing fence including clearance of debris.	m	36	58	24	2,088	864	quotation
SR 2-141	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-142	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-143	Construction of storm water drains as per detail drawing.	m	65	1,687	709	109,655	46,085	quotation
	<u>Architectural Equipment</u>							
SR 2-144	Supply all small power and lighting complete	Item	Sum	76,500	32,162	76,500	32,162	quotation
SR 2-145	Supply all yard lighting complete	Item	Sum	61,875	26,013	61,875	26,013	quotation
SR 2-146	Install all small power and lighting complete	Item	Sum	19,125	8,040	19,125	8,040	quotation
SR 2-147	Install all yard lighting complete	Item	Sum	9,000	3,783	9,000	3,783	quotation
	<u>Pihilladeniya as depicted in drawing N0.30-C-08</u>							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
Total of page BOQ - 362 to SR 2 Bill Summary						779,843	327,708	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-148	a) Screed of base slab Furnish, place, compact and cure cement concrete grade 35 in:	m ³	12	5,152	2,166	61,824	25,992	quotation
SR 2-149	a) Base slab	m ³	37	6,637	2,790	245,569	103,230	quotation
SR 2-150	b) Walls	m ³	82	6,750	2,837	553,500	232,634	quotation
SR 2-151	c) Top slab Formwork Furnish, fabricate, erect and strike formwork to concrete	m ³	25	6,750	2,837	168,750	70,925	quotation
SR 2-152	a) Sides and soffits of slabs	m ²	139	421	176	58,519	24,464	quotation
SR 2-153	b) Sides of walls Reinforcement	m ²	469	450	189	211,050	88,641	quotation
SR 2- 153	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	23	50,625	21,283	1,164,375	489,509	quotation
SR 2-154	Water Proofing Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	346	956	401	330,776	138,746	quotation
Total of page BOQ - 363 to SR 2 Bill Summary						2,794,363	1,174,141	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Miscellaneous</u>							
SR 2-155	Filling with pebbles to top slab	m ³	28	393	165	11,004	4,620	quotation
SR 2-156	Supply & fix stainless steel ladder to detail drawing	Nr	1	11,250	4,729	11,250	4,729	quotation
SR 2-157	Supply & fix Hot dip Galvanized steel Ext. ladder.	Nr	1	13,500	5,675	13,500	5,675	quotation
	Supply & fix Aluminium door, window to detail drawing							
SR 2-158	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-159	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2-160	Supply & fix chequered plate man hole cover to detail drawing	Nr	2	5,625	2,364	11,250	4,728	quotation
SR 2-161	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-162	Supply & fix PVC water bar	m	138	1,687	709	232,806	97,842	quotation
SR 2-163	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-164	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-165	Construction of storm water drains as per detail drawing.	m	59	1,687	709	99,533	41,831	quotation
	<u>Architectural Equipment</u>							
SR 2-166	Supply all small power and lighting complete	Item	Sum	67,500	28,378	67,500	28,378	quotation
Total of page BOQ - 364 to SR 2 Bill Summary						498,963	209,711	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-167	Supply all yard lighting complete	Item	Sum	61,875	26,013	61,875	26,013	quotation
SR 2-168	Install all small power and lighting complete	Item	Sum	16,875	7,094	16,875	7,094	quotation
SR 2-169	Install all yard lighting complete	Item	Sum	9,000	3,783	9,000	3,783	quotation
	Kurugammana as depicted in drawing No.30-C-09							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-170	a) Screed of base slab	m ³	27	5,152	2,166	139,104	58,482	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2-171	a) Base slab	m ³	31	6,637	2,790	205,747	86,490	quotation
SR 2-172	b) Walls	m ³	58	6,750	2,837	391,500	164,546	quotation
SR 2-173	c) Top slab	m ³	13	6,750	2,837	87,750	36,881	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2-174	a) Sides and soffits of slabs	m ²	72	421	176	30,312	12,672	quotation
SR 2-175	b) Sides of walls	m ²	388	450	189	174,600	73,332	quotation
Total of page BOQ - 365 to SR 2 Bill Summary						1,116,763	469,293	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-176	<u>Reinforcement</u> Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	12	50,625	21,283	607,500	255,396	quotation
SR 2-177	<u>Water Proofing</u> Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	225	956	401	215,100	90,225	quotation
SR 2-178	<u>Miscellaneous</u> Filling with pebbles to top slab	m ³	6	393	165	2,358	990	quotation
SR 2-179	Supply & fix stainless steel ladder to detail drawing	Nr	2	11,250	4,729	22,500	9,458	quotation
SR 2-180	Supply & fix hot dip galvanized steel external ladder. Supply & fix Aluminium door, window to detail drawing	Nr	1	22,500	9,459	22,500	9,459	quotation
SR 2-179	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-180	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2-181	Supply & fix chequered plate man hole cover to detail drawing	Nr	2	5,625	2,364	11,250	4,728	quotation
Total of page BOQ - 366 to SR 2 Bill Summary						897,329	377,032	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-182	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-183	Supply & fix PVC water bar	m	80	1,687	709	134,960	56,720	quotation
SR 2-184	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-185	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-186	Construction of storm water drains as per detail drawing.	m	43	1,687	709	72,541	30,487	quotation
	<u>Architectural Equipment</u>							
SR 2-187	Supply all small power and lighting complete	Item	Sum	67,500	28,378	67,500	28,378	quotation
SR 2-188	Supply all yard lighting complete	Item	Sum	61,875	26,013	61,875	26,013	quotation
SR 2-189	Install all small power and lighting complete	Item	Sum	16,875	7,094	16,875	7,094	quotation
SR 2-190	Install all yard lighting complete	Item	Sum	9,000	3,783	9,000	3,783	quotation
	Kondadeniya as depicted in drawing No.30-C-10							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-191	a) Screed of base slab	m ³	12	5,152	2,166	61,824	25,992	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
Total of page BOQ - 367 to SR 2 Bill Summary						460,574	193,599	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-192	a) Base slab	m ³	37	6,637	2,790	245,569	103,230	quotation
SR 2-193	b) Walls	m ³	82	6,750	2,837	553,500	232,634	quotation
SR 2-194	c) Top slab	m ³	25	6,750	2,837	168,750	70,925	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2- 195	a) Sides and soffits of slabs	m ²	139	421	176	58,519	24,464	quotation
SR 2- 196	b) Sides of walls	m ²	469	450	189	211,050	88,641	quotation
	<u>Reinforcement</u>							
SR 2-197	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	23	50,625	21,283	1,164,375	489,509	quotation
	<u>Water Proofing</u>							
SR 2-198	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	418	956	401	399,608	167,618	quotation
	<u>Miscellaneous</u>							
Total of page BOQ - 368 to SR 2 Bill Summary						2,801,371	1,177,021	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-199	Filling with pebbles to top slab	m ³	11	393	165	4,323	1,815	quotation
SR 2-200	Supply & fix stainless steel ladder to detail drawing	Nr	1	11,250	4,729	11,250	4,729	quotation
SR 2-201	Supply & fix hot dip galvanized steel external ladder. Supply & fix Aluminium door, window to detail drawing	Nr	1	22,500	9,459	22,500	9,459	quotation
SR 2-202	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-203	b) Type W Supply & fix chequered plate man hole cover to detail drawing	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2-204	i) Size 1200mm x 800mm	Nr	1	6,750	2,837	6,750	2,837	quotation
SR 2-205	ii) Size 900mm x 900mm	Nr	Sum	5,625	2,364	5,625	2,364	quotation
SR 2-206	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-207	Testing and Commissioning	Item	81	15,187	6,384	15,187	6,384	quotation
SR 2-208	Chain link fence as per detail drawing.	m	19	1,660	697	31,540	13,243	quotation
SR 2-209	Removing of existing fence including clearance of debris.	m	1	58	24	58	24	quotation
SR 2-210	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
Total of page BOQ - 369 to SR 2 Bill Summary						167,916	70,569	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-211	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-212	Construction of storm water drains as per detail drawing.	m	59	1,687	709	99,533	41,831	quotation
<u>Architectural Equipment</u>								
SR 2-213	Supply all small power and lighting complete	Item	Sum	78,750	33,108	78,750	33,108	quotation
SR 2-214	Supply all telephone complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2-215	Supply all yard lighting complete	Item	Sum	38,250	16,081	38,250	16,081	quotation
SR 2-216	Supply all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2-217	Install all small power and lighting complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2-218	Install all telephone complete	Item	Sum	56,250	23,648	56,250	23,648	quotation
SR 2-219	Install all yard lighting complete	Item	Sum	6,750	2,837	6,750	2,837	quotation
SR 2-220	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
<u>Gohagoda as depicted in drawing No.30-C-12</u>								
<u>Concrete Work</u>								
Furnish, place, compact and cure cement concrete grade 15 laid within forms in:								
SR 2-221	a) Screed of base slab	m ³	14	5,152	2,166	72,128	30,324	quotation
Total of page BOQ - 370 to SR 2 Bill Summary						452,911	190,394	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2-222	a) Base slab	m ³	37	6,637	2,790	245,569	103,230	quotation
SR 2-223	b) Walls	m ³	82	6,750	2,837	553,500	232,634	quotation
SR 2-224	c) Top slab	m ³	25	6,750	2,837	168,750	70,925	quotation
	Formwork							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2-225	a) Sides and soffits of slabs	m ²	139	421	176	58,519	24,464	quotation
SR 2-226	b) Sides of walls	m ²	469	450	189	211,050	88,641	quotation
	Reinforcement							
SR 2-227	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	23	50,625	21,283	1,164,375	489,509	quotation
	Water Proofing							
SR 2-228	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	306	956	401	292,536	122,706	quotation
	Miscellaneous							
SR 2-229	Filling with pebbles to top slab	m ³	11	393	165	4,323	1,815	quotation
Total of page BOQ - 371 to SR 2 Bill Summary						2,698,622	1,133,924	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-230	Supply & fix stainless steel ladder to detail drawing	Nr	1	11,250	4,729	11,250	4,729	quotation
SR 2-231	Supply & fix Hot dip galvanized steel external ladder.	Nr	1	16,875	7,094	16,875	7,094	quotation
	Supply & fix Aluminium door, window to detail drawing							
SR 2-232	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-233	b) Type W	Nr	2	6,971	2,930	13,942	5,860	quotation
SR 2-234	Supply & fix chequered plate man hole cover to detail drawing	Nr	3	5,625	2,364	16,875	7,092	quotation
SR 2-235	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-236	Supply & fix PVC water bar	m	109	1,687	709	183,883	77,281	quotation
SR 2-237	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-238	Chain link fence as per detail drawing.	m	64	1,660	697	106,240	44,608	quotation
SR 2-239	Removing of existing fence including clearance of debris.	m	86	58	24	4,988	2,064	quotation
SR 2-240	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-241	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-242	Construction of storm water drains as per detail drawing.	m	54	1,687	709	91,098	38,286	quotation
	<u>Architectural Equipment</u>							
Total of page BOQ - 372 to SR 2 Bill Summary						529,675	222,546	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-243	Supply all small power and lighting complete	Item	Sum	67,500	28,378	67,500	28,378	quotation
SR 2-244	Supply all yard lighting complete	Item	Sum	61,875	26,013	61,875	26,013	quotation
SR 2-245	Install all small power and lighting complete	Item	Sum	16,875	7,094	16,875	7,094	quotation
SR 2-246	Install all yard lighting complete	Item	Sum	9,000	3,783	9,000	3,783	quotation
Asgiriya as depicted in drawing No.30-C-13								
<u>Concrete Work</u>								
Furnish, place, compact and cure cement concrete grade 35 in:								
SR 2-247	a) Beams	m ³	313	6,750	2,837	2,112,750	887,981	quotation
SR 2-248	b) Slabs	m ³	550	6,750	2,837	3,712,500	1,560,350	quotation
SR 2-249	c) Walls & Columns	m ³	679	6,750	2,837	4,583,250	1,926,323	quotation
SR 2-250	d) Pile caps	m ³	159	6,750	2,837	1,073,250	451,083	quotation
<u>Formwork</u>								
Furnish, fabricate, erect and strike formwork to concrete								
SR 2-251	a) Sides and soffits of slabs & beams	m ²	2,523	562	236	1,417,926	595,428	quotation
SR 2-252	b) Walls & columns	m ²	1,809	562	236	1,016,658	426,924	quotation
Total of page BOQ - 373 to SR 2 Bill Summary						14,071,584	5,913,357	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-253	c) Pile caps	m ²	387	562	236	217,494	91,332	quotation
	<u>Reinforcement</u>							
SR 2-254	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	510	50,625	21,283	25,818,750	10,854,330	quotation
	<u>Water Proofing</u>							
SR 2-255	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	2,167	956	401	2,071,652	868,967	quotation
	<u>Miscellaneous</u>							
SR 2-256	Access M/H cover to detail.	Nr	4	5,062	2,128	20,248	8,512	quotation
SR 2-257	Chain link fence as per detail drawing	m	159	1,660	697	263,940	110,823	quotation
SR 2-258	Supply & fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-259	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-260	Construction of storm water drain as per detail drawing.	m	76	1,687	709	128,212	53,884	quotation
SR 2-261	Supply & fix hot dip Galvernazed steel External ladder	Nr	1	28,125	11,824	28,125	11,824	quotation
SR 2-262	Supply & fix PVC water bar	m	656	1,687	709	1,106,672	465,104	quotation
Total of page BOQ - 374 to SR 2 Bill Summary						29,700,093	12,483,694	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-263	Testing and Commissioning	Item	Sum	25,312	10,641	25,312	10,641	quotation
	<u>Architectural Equipment</u>							
SR 2-264	Supply all small power and lighting complete	Item	Sum	112,500	47,297	112,500	47,297	quotation
SR 2-265	Supply all yard lighting complete	Item	Sum	78,750	33,108	78,750	33,108	quotation
SR 2-266	Install all small power and lighting complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2-267	Install all yard lighting complete	Item	Sum	11,250	4,729	11,250	4,729	quotation
	Bahirawakanda as depicted in drawing No.30-C-15							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-268	a) Screed of stair case	m ³	1	5,152	2,166	5,152	2,166	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2-269	a) Beams	m ³	33	6,750	2,837	222,750	93,621	quotation
SR 2-270	b) Slabs	m ³	145	6,750	2,837	978,750	411,365	quotation
SR 2-271	c) Walls & Columns	m ³	136	6,750	2,837	918,000	385,832	quotation
SR 2-272	d) Stair case	m ³	6	6,750	2,837	40,500	17,022	quotation
Total of page BOQ - 375 to SR 2 Bill Summary						2,415,464	1,015,240	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2-273	a) Sides and soffits of slabs & beams	m ²	553	562	236	310,786	130,508	quotation
SR 2-274	b) Walls & columns	m ²	657	562	236	369,234	155,052	quotation
SR 2-275	c) Stair case	m ²	37	562	236	20,794	8,732	quotation
	<u>Reinforcement</u>							
SR 2-276	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	93	50,625	21,283	4,708,125	1,979,319	quotation
	<u>Water Proofing</u>							
SR 2-277	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	423	956	401	404,388	169,623	quotation
	<u>Miscellaneous</u>							
SR 2-278	Supply & fix steel ladders with safty cage as per detail drawing.	Nr	2	3,937	1,655	7,874	3,310	quotation
SR 2-279	Supply & fix Aluminium ladder as per detail.	Nr	1	5,062	2,128	5,062	2,128	quotation
SR 2-280	Supply & fix 1200 x 2000mm steel door as per detail drawing.	Nr	1	13,799	5,801	13,799	5,801	quotation
Total of page BOQ - 376 to SR 2 Bill Summary						5,840,062	2,454,473	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-281	Supply & glazed Aluminium window with fixed Aluminium louvers and stainless steel wire mesh as per detail.	Nr	3	4,500	1,891	13,500	5,673	quotation
SR 2-282	G.I. Hand rail	m	36	4,059	1,706	146,124	61,416	quotation
SR 2-283	900x900mm access M/H cover to detail.	Nr	1	5,062	2,128	5,062	2,128	quotation
SR 2-284	Supply & fix warning light	Nr	1	28,125	11,824	28,125	11,824	quotation
SR 2-285	Supply & fix lightning conductor	Nr	1	140,625	59,121	140,625	59,121	quotation
SR 2-286	Chain link fence as per detail drawing	m	171	1,660	697	283,860	119,187	quotation
SR 2-287	Supply & fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-288	Allow for all vent & necessary connection.	Item	Sum	25,312	10,641	25,312	10,641	quotation
SR 2-289	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-290	Construction of storm water drain as per detail drawing.	m	76	1,687	709	128,212	53,884	quotation
SR 2-291	Supply & fix PVC water bar	m	131	1,687	709	220,997	92,879	quotation
SR 2-292	Testing and Commissioning	Item	Sum	20,250	8,513	20,250	8,513	quotation
	<u>Architectural Equipment</u>							
SR 2-293	Supply all small power and lighting complete	Item	Sum	123,750	52,027	123,750	52,027	quotation
SR 2-294	Supply all yard lighting complete	Item	Sum	40,500	17,027	40,500	17,027	quotation
Total of page BOQ - 377 to SR 2 Bill Summary						1,221,317	513,238	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-295	Supply all lightning protection complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2-296	Install all small power and lighting complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2-297	Install all yard lighting complete	Item	Sum	6,750	2,837	6,750	2,837	quotation
SR 2-298	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
Uplands as depicted in drawing No.30-C-16								
<u>Concrete Work</u>								
Furnish, place, compact and cure cement concrete grade 15 laid within forms in:								
SR 2-299	a) Screed of base slab	m ³	55	5,152	2,166	283,360	119,130	quotation
Furnish, place, compact and cure cement concrete grade 35 in:								
SR 2-300	a) Base slab	m ³	482	6,637	2,790	3,199,034	1,344,780	quotation
SR 2-301	b) Walls and Columns	m ³	713	6,750	2,837	4,812,750	2,022,781	quotation
SR 2-302	c) Top slab	m ³	182	6,750	2,837	1,228,500	516,334	quotation
<u>Formwork</u>								
Furnish, fabricate, erect and strike formwork to concrete								
SR 2-303	a) Sides and soffits of slabs	m ²	810	421	176	341,010	142,560	quotation
Total of page BOQ - 378 to SR 2 Bill Summary						9,950,154	4,181,529	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-304	b) Sides of walls & columns	m ²	1,765	450	189	794,250	333,585	quotation
	<u>Reinforcement</u>							
SR 2-304	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	414	50,625	21,283	20,958,750	8,811,162	quotation
	<u>Water Proofing</u>							
SR 2-305	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	1,989	956	401	1,901,484	797,589	quotation
	<u>Miscellaneous</u>							
SR 2-306	Chain link fence as per the detail drawing.	m	207	1,660	697	343,620	144,279	quotation
SR 2-307	Filling with pebbles to top slab	m ³	252	393	165	99,036	41,580	quotation
SR 2-308	Supply & fix chequered plate man hole cover to detail drawing	Nr	2	3,937	1,655	7,874	3,310	quotation
SR 2-309	Construction of catch pit as per the detail drawing.	Nr	1	8,437	3,547	8,437	3,547	quotation
SR 2-310	Supply and fix double gate as per the detail drawing.	Nr	2	39,375	16,554	78,750	33,108	quotation
SR 2-311	Construction of storm water drains as per detail drawing.	m	112	1,687	709	188,944	79,408	quotation
Total of page BOQ - 379 to SR 2 Bill Summary						24,381,145	10,247,568	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-312	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-313	Supply & fix Hot dip Galvernized steel ext. ladder.	Nr	1	33,750	14,189	33,750	14,189	quotation
SR 2-314	Supply & fix PVC water bar	m	470	1,687	709	792,890	333,230	quotation
SR 2-315	Testing and Commissioning	Item	Sum	10,125	4,256	10,125	4,256	quotation
	<u>Architectural Equipment</u>							
SR 2-316	Supply all small power and lighting complete	Item	Sum	97,875	41,148	97,875	41,148	quotation
SR 2-317	Supply all yard lighting complete	Item	Sum	61,875	26,013	61,875	26,013	quotation
SR 2-318	Install all small power and lighting complete	Item	Sum	20,250	8,513	20,250	8,513	quotation
SR 2-319	Install all yard lighting complete	Item	Sum	9,000	3,783	9,000	3,783	quotation
	Dangolla as depicted in drawing No.30-C-18							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-320	a) Screed of base slab	m ³	72	5,152	2,166	370,944	155,952	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2-321	a) Base slab	m ³	117	6,637	2,790	776,529	326,430	quotation
Total of page BOQ - 380 to SR 2 Bill Summary						2,188,425	919,898	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-322	b) Walls	m ³	199	6,750	2,837	1,343,250	564,563	quotation
SR 2-323	c) Top slab	m ³	63	6,750	2,837	425,250	178,731	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2-324	a) Sides and soffits of slabs	m ²	306	421	176	128,826	53,856	quotation
SR 2-325	b) Sides of walls	m ²	967	450	189	435,150	182,763	quotation
	<u>Reinforcement</u>							
SR 2-325	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	63	50,625	21,283	3,189,375	1,340,829	quotation
	<u>Water Proofing</u>							
SR 2-326	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	591	956	401	564,996	236,991	quotation
	<u>Miscellaneous</u>							
SR 2-327	Filling with pebbles to top slab	m ³	90	393	165	35,370	14,850	quotation
SR 2-328	Supply & fix stainless steel ladder to detail drawing	Nr	2	11,250	4,729	22,500	9,458	quotation
Total of page BOQ - 381 to SR 2 Bill Summary						6,144,717	2,582,041	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-329	Supply & fix Hot dip Galvernized external ladder.	Nr	1	20,250	8,513	20,250	8,513	quotation
	Supply & fix Aluminium door, window to detail drawing							
SR 2-330	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-331	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2-332	Supply & fix chequered plate man hole cover to detail drawing	Nr	2	5,625	2,364	11,250	4,728	quotation
SR 2-333	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-334	Supply & fix PVC water bar	m	180	1,687	709	303,660	127,620	quotation
SR 2-335	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-336	Chain link fence as per detail drawing.	m	112	1,660	697	185,920	78,064	quotation
SR 2-337	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-338	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-339	Construction of storm water drains as per detail drawing.	m	92	1,687	709	155,204	65,228	quotation
	<u>Architectural Equipment</u>							
SR 2-340	Supply all small power and lighting complete	Item	Sum	76,500	32,162	76,500	32,162	quotation
SR 2-341	Supply all yard lighting complete	Item	Sum	61,875	26,013	61,875	26,013	quotation
SR 2-342	Install all small power and lighting complete	Item	Sum	19,125	8,040	19,125	8,040	quotation
Total of page BOQ - 382 to SR 2 Bill Summary						925,279	388,830	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-343	Install all yard lighting complete Heerassagala Low as depicted in drawing No.30-C-19 <u>Concrete Work</u> Furnish, place, compact and cure cement concrete grade 15 laid within forms in:	Item	Sum	9,000	3,783	9,000	3,783	quotation
SR 2-344	a) Screed of base slab Furnish, place, compact and cure cement concrete grade 35 in:	m ³	5	5,152	2,166	25,760	10,830	quotation
SR 2-345	a) Base slab	m ³	37	6,637	2,790	245,569	103,230	quotation
SR 2-346	b) Walls	m ³	82	6,750	2,837	553,500	232,634	quotation
SR 2-347	c) Top slab <u>Formwork</u> Furnish, fabricate, erect and strike formwork to concrete	m ³	25	6,750	2,837	168,750	70,925	quotation
SR 2-348	a) Sides and soffits of slabs	m ²	139	421	176	58,519	24,464	quotation
SR 2-349	b) Sides of walls <u>Reinforcement</u>	m ²	469	450	189	211,050	88,641	quotation
SR 2-350	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	23	50,625	21,283	1,164,375	489,509	quotation
Total of page BOQ - 383 to SR 2 Bill Summary						2,436,523	1,024,016	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-351	<u>Water Proofing</u> Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	207	956	401	197,892	83,007	quotation
	<u>Miscellaneous</u>							
SR 2-352	Filling with pebbles to top slab	m ³	11	393	165	4,323	1,815	quotation
SR 2-353	Supply & fix stainless steel ladder to detail drawing	Nr	1	11,250	4,729	11,250	4,729	quotation
SR 2-354	Supply & fix Hot dip Galvernized steel ext. ladder.	Nr	1	16,875	7,094	16,875	7,094	quotation
	Supply & fix Aluminium door, window to detail drawing							
SR 2-355	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-356	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2-357	Supply & fix chequered plate man hole cover to detail drawing	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-358	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-359	Supply & fix PVC water bar	m	72	1,687	709	121,464	51,048	quotation
SR 2-360	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-361	Chain link fence as per detail drawing.	m	74	1,660	697	122,840	51,578	quotation
SR 2-362	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
Total of page BOQ - 384 to SR 2 Bill Summary						566,139	237,733	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-363	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-364	Construction of storm water drains as per detail drawing.	m	50	1,687	709	84,350	35,450	quotation
	<u>Architectural Equipment</u>							
SR 2-364	Supply all small power and lighting complete	Item	Sum	127,125	53,446	127,125	53,446	quotation
SR 2-365	Supply all telephone complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2-366	Supply all yard lighting complete	Item	Sum	73,125	30,743	73,125	30,743	quotation
SR 2-367	Supply all lightning protection complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2-368	Install all small power and lighting complete	Item	Sum	31,500	13,243	31,500	13,243	quotation
SR 2-369	Install all telephone complete	Item	Sum	56,250	23,648	56,250	23,648	quotation
SR 2-370	Install all yard lighting complete	Item	Sum	11,250	4,729	11,250	4,729	quotation
SR 2-371	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
	Heerassagala Middle as depicted in drawing No.30-C-20							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-372	a) Screed of base slab	m ³	10	5,152	2,166	51,520	21,660	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
Total of page BOQ - 385 to SR 2 Bill Summary						513,870	216,025	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-373	a) Base slab	m ³	68	6,637	2,790	451,316	189,720	quotation
SR 2-374	b) Walls	m ³	129	6,750	2,837	870,750	365,973	quotation
SR 2-375	c) Top slab	m ³	54	6,750	2,837	364,500	153,198	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2-376	a) Sides and soffits of slabs	m ²	167	421	176	70,307	29,392	quotation
SR 2-377	b) Sides of walls	m ²	792	450	189	356,400	149,688	quotation
	<u>Reinforcement</u>							
SR 2-378	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	31	50,625	21,283	1,569,375	659,773	quotation
	<u>Water Proofing</u>							
SR 2-379	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	240	956	401	229,440	96,240	quotation
	<u>Miscellaneous</u>							
Total of page BOQ - 386 to SR 2 Bill Summary						3,912,088	1,643,984	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-380	Filling with pebbles to top slab	m ³	37	393	165	14,541	6,105	quotation
SR 2-381	Supply & fix stainless steel ladder to detail drawing	Nr	1	11,250	4,729	11,250	4,729	quotation
SR 2-382	Supply & fix Hot dip Galvernized steel ext. ladder.	Nr	1	16,875	7,094	16,875	7,094	quotation
	Supply & fix Aluminium door, window to detail drawing							
SR 2-383	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-384	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2-385	Supply & fix chequered plate man hole cover to detail drawing	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-386	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-387	Supply & fix PVC water bar	m	79	1,687	709	133,273	56,011	quotation
SR 2-388	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-389	Chain link fence as per detail drawing.	m	90	1,660	697	149,400	62,730	quotation
SR 2-390	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-391	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-392	Construction of storm water drains as per detail drawing.	m	60	1,687	709	101,220	42,540	quotation
	<u>Architectural Equipment</u>							
Total of page BOQ - 387 to SR 2 Bill Summary						523,679	220,035	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-393	Supply all small power and lighting complete	Item	Sum	101,250	42,567	101,250	42,567	quotation
SR 2-394	Supply all telephone complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2-395	Supply all yard lighting complete	Item	Sum	38,250	16,081	38,250	16,081	quotation
SR 2-396	Supply all lightning protection complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2-397	Install all small power and lighting complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2-398	Install all telephone complete	Item	Sum	56,250	23,648	56,250	23,648	quotation
SR 2-399	Install all yard lighting complete	Item	Sum	6,750	2,837	6,750	2,837	quotation
SR 2-400	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
Heerassagala Upper as depicted in drawing No.30-C-21								
<u>Concrete Work</u>								
Furnish, place, compact and cure cement concrete grade 15 laid within forms in:								
SR 2 -401	a) Screed of base slab	m ³	12	5,152	2,166	61,824	25,992	quotation
Furnish, place, compact and cure cement concrete grade 35 in:								
SR 2-402	a) Base slab	m ³	37	6,637	2,790	245,569	103,230	quotation
Total of page BOQ - 388 to SR 2 Bill Summary						611,143	256,921	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-403	b) Walls	m ³	82	6,750	2,837	553,500	232,634	quotation
SR 2-404	c) Top slab	m ³	25	6,750	2,837	168,750	70,925	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2-405	a) Sides and soffits of slabs	m ²	139	421	176	58,519	24,464	quotation
SR 2-406	b) Sides of walls	m ²	469	450	189	211,050	88,641	quotation
	<u>Reinforcement</u>							
SR 2-407	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	23	50,625	21,283	1,164,375	489,509	quotation
	<u>Water Proofing</u>							
SR 2-408	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	318	956	401	304,008	127,518	quotation
	<u>Miscellaneous</u>							
SR 2-409	Filling with pebbles to top slab	m ³	11	393	165	4,323	1,815	quotation
Total of page BOQ - 389 to SR 2 Bill Summary						2,464,525	1,035,506	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-410	Supply & fix stainless steel ladder to detail drawing No: 00 STD-S-14.	Nr	1	11,250	4,729	11,250	4,729	quotation
SR 2-411	Supply & fix Hot dip Galvernized steel ext. ladder.	Nr	1	22,500	9,459	22,500	9,459	quotation
	Supply & fix Aluminium door, window to detail drawing							
SR 2-412	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-413	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
	Supply & fix chequred plate man hole cover to detail drawing 00 STD-S-14							
SR 2-414	i) Size 1200mm x 800mm	Nr	1	6,750	2,837	6,750	2,837	quotation
SR 2-415	ii) Size 900mm x 900mm	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-416	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-417	Supply & fix PVC water bar	m	90	1,687	709	151,830	63,810	quotation
SR 2-418	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-419	Chain link fence as per detail drawing.	m	100	1,660	697	166,000	69,700	quotation
SR 2-420	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-421	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
Total of page BOQ - 390 to SR 2 Bill Summary						455,450	191,361	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-422	Construction of storm water drains as per detail drawing.	m	55	1,687	709	92,785	38,995	quotation
	<u>Architectural Equipment</u>							
SR 2-423	Supply all small power and lighting complete	Item	Sum	67,500	28,378	67,500	28,378	quotation
SR 2-424	Supply all yard lighting complete	Item	Sum	78,750	33,108	78,750	33,108	quotation
SR 2-425	Install all small power and lighting complete	Item	Sum	16,875	7,094	16,875	7,094	quotation
SR 2-426	Install all yard lighting complete	Item	Sum	11,250	4,729	11,250	4,729	quotation
	Hantana Place as depicted in drawing No.30-C-22							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-427	a) Screed of base slab	m ³	19	5,152	2,166	97,888	41,154	quotation
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2-428	a) Base slab	m ³	37	6,637	2,790	245,569	103,230	quotation
SR 2-429	b) Walls	m ³	82	6,750	2,837	553,500	232,634	quotation
SR 2-430	c) Top slab	m ³	25	6,750	2,837	168,750	70,925	quotation
	<u>Formwork</u>							
Total of page BOQ - 391 to SR 2 Bill Summary						1,332,867	560,247	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2-431	a) Sides and soffits of slabs	m ²	139	421	176	58,519	24,464	quotation
SR 2-432	b) Sides of walls	m ²	469	450	189	211,050	88,641	quotation
	<u>Reinforcement</u>							
SR 2-433	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	23	50,625	21,283	1,164,375	489,509	quotation
	<u>Water Proofing</u>							
SR 2-434	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	207	956	401	197,892	83,007	quotation
	<u>Miscellaneous</u>							
SR 2-435	Filling with pebbles to top slab	m ³	11	393	165	4,323	1,815	quotation
SR 2-436	Supply & fix stainless steel ladder to detail drawing	Nr	1	11,250	4,729	11,250	4,729	quotation
SR 2-437	Supply & fix Hot dip Galvernized steel ext. ladder.	Nr	1	16,875	7,094	16,875	7,094	quotation
	Supply & fix Aluminium door, window to detail drawing							
Total of page BOQ - 392 to SR 2 Bill Summary						1,664,284	699,259	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-438	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-439	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2-440	Supply & fix chequered plate man hole cover to detail drawing	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-441	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-442	Supply & fix PVC water bar	m	72	1,687	709	121,464	51,048	quotation
SR 2-443	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-444	Chain link fence as per detail drawing.	m	142	1,660	697	235,720	98,974	quotation
SR 2-445	Removing of existing fence including clearance of debris.	m	77	58	24	4,466	1,848	quotation
SR 2-446	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-447	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-448	Construction of storm water drains as per detail drawing.	m	61	1,687	709	102,907	43,249	quotation
	<u>Architectural Equipment</u>							
SR 2-449	Supply all small power and lighting complete	Item	Sum	67,500	28,378	67,500	28,378	quotation
SR 2-450	Supply all yard lighting complete	Item	Sum	78,750	33,108	78,750	33,108	quotation
Total of page BOQ - 393 to SR 2 Bill Summary						707,927	297,431	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-451	Install all small power and lighting complete	Item	Sum	45,000	18,918	45,000	18,918	quotation
SR 2-452	Install all yard lighting complete	Item	Sum	11,250	4,729	11,250	4,729	quotation
Mullepihilla Low New as depicted in drawing No.30-C-25								
<u>Concrete Work</u>								
Furnish, place, compact and cure cement concrete grade 15 laid within forms in:								
SR 2-453	a) Screed of base slab	m ³	5	5,152	2,166	25,760	10,830	quotation
Furnish, place, compact and cure cement concrete grade 35 in:								
SR 2-454	a) Base slab	m ³	31	6,637	2,790	205,747	86,490	quotation
SR 2-455	b) Walls	m ³	58	6,750	2,837	391,500	164,546	quotation
SR 2-456	c) Top slab	m ³	13	6,750	2,837	87,750	36,881	quotation
<u>Formwork</u>								
Furnish, fabricate, erect and strike formwork to concrete								
SR 2-457	a) Sides and soffits of slabs	m ²	72	421	176	30,312	12,672	quotation
SR 2-458	b) Sides of walls	m ²	388	450	189	174,600	73,332	quotation
Total of page BOQ - 394 to SR 2 Bill Summary						971,919	408,398	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-459	<u>Reinforcement</u> Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	12	50,625	21,283	607,500	255,396	quotation
SR 2-460	<u>Water Proofing</u> Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	152	956	401	145,312	60,952	quotation
SR 2-461	<u>Miscellaneous</u> Filling with pebbles to top slab	m ³	6	393	165	2,358	990	quotation
SR 2-462	Supply & fix stainless steel ladder to detail drawing	Nr	2	11,250	4,729	22,500	9,458	quotation
SR 2-463	Supply & fix Hot dip Galvernized steel ext. ladder.	Nr	1	21,881	9,199	21,881	9,199	quotation
SR 2-464	Supply & fix Aluminium door, window to detail drawing a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-465	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2-466	Supply & fix chequered plate man hole cover to detail drawing	Nr	2	5,625	2,364	11,250	4,728	quotation
Total of page BOQ - 395 to SR 2 Bill Summary						826,922	347,499	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-467	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-468	Supply & fix PVC water bar	m	23	1,687	709	38,801	16,307	quotation
SR 2-469	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-470	Chain link fence as per detail drawing.	m	234	1,660	697	388,440	163,098	quotation
SR 2-471	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-472	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-473	Construction of storm water drains as per detail drawing.	m	42	1,687	709	70,854	29,778	quotation
	<u>Architectural Equipment</u>							
SR 2-474	Supply all yard lighting complete	Item	Sum	101,250	42,567	101,250	42,567	quotation
SR 2-475	Install all yard lighting complete	Item	Sum	19,125	8,040	19,125	8,040	quotation
	Elhena as depicted in drawing No.30-C-26							
	<u>Concrete Work</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-476	a) Screed of base slab	m ³	28	5,152	2,166	144,256	60,648	quotation
Total of page BOQ - 396 to SR 2 Bill Summary						838,100	352,124	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, place, compact and cure cement concrete grade 35 in:							
SR 2-477	a) Base slab	m ³	68	6,637	2,790	451,316	189,720	quotation
SR 2-478	b) Walls	m ³	129	6,750	2,837	870,750	365,973	quotation
SR 2-479	c) Top slab	m ³	54	6,750	2,837	364,500	153,198	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete							
SR 2-480	a) Sides and soffits of slabs	m ²	167	421	176	70,307	29,392	quotation
SR 2-481	b) Sides of walls	m ²	792	450	189	356,400	149,688	quotation
	<u>Reinforcement</u>							
SR 2-482	Furnish, fabricate, place and tie medium grade ribbed or deformed steel 460N/mm ² including binding wire, cover and spacer blocks complete	ton	35	50,625	21,283	1,771,875	744,905	quotation
	<u>Water Proofing</u>							
SR 2-483	Furnish, prepare and apply water proofing to the surface area to be water proofed in tank walls and bottom floor slab as depicted in Specification "Water proofing and Damp proofing".	m ²	381	956	401	364,236	152,781	quotation
Total of page BOQ - 397 to SR 2 Bill Summary						4,249,384	1,785,657	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Miscellaneous</u>							
SR 2-484	Filling with pebbles to top slab	m ³	53	393	165	20,829	8,745	quotation
SR 2-485	Supply & fix stainless steel ladder to detail drawing	Nr	1	11,250	4,729	11,250	4,729	quotation
SR 2-486	Supply & fix Hot dip Galvernized steel ext. ladder.	Nr	1	20,250	8,513	20,250	8,513	quotation
	Supply & fix Aluminium door, window to detail drawing							
SR 2-487	a) Type D	Nr	1	9,150	3,846	9,150	3,846	quotation
SR 2-488	b) Type W	Nr	1	6,971	2,930	6,971	2,930	quotation
SR 2-489	Supply & fix chequered plate man hole cover to detail drawing	Nr	2	5,625	2,364	11,250	4,728	quotation
SR 2-490	Allow for all vents and necessary connections etc.	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-491	Supply & fix PVC water bar	m	102	1,687	709	172,074	72,318	quotation
SR 2-492	Testing and Commissioning	Item	Sum	15,187	6,384	15,187	6,384	quotation
SR 2-493	Chain link fence as per detail drawing.	m	75	1,660	697	124,500	52,275	quotation
SR 2-494	Supply and fix double gate as per detail drawing.	Nr	1	39,375	16,554	39,375	16,554	quotation
SR 2-495	Construction of catch pit as per detail drawing.	Nr	1	5,625	2,364	5,625	2,364	quotation
Total of page BOQ - 398 to SR 2 Bill Summary						451,648	189,770	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-496	Construction of storm water drains as per detail drawing.	m	54	1,687	709	91,098	38,286	quotation
	<u>Architectural Equipment</u>							
SR 2-497	Supply all yard lighting complete	Item	Sum	101,250	42,567	101,250	42,567	quotation
SR 2-498	Install all yard lighting complete	Item	Sum	19,125	8,040	19,125	8,040	quotation
	(2) PUMP STATION							
	This Bill rate should include for the complete execution of the works as depicted in relevant drawings, as specified in technical specification and as per site conditions.							
	P-1 Kahawatta Pump Station as depicted in drawing No.30-C-04							
	<u>Concrete Works</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-499	a) 75mm thick screed	m ²	24	387	162	9,288	3,888	quotation
	Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:							
SR 2-500	a) Columns bases and stems	m ³	3	6,093	2,561	18,279	7,683	quotation
Total of page BOQ - 399 to SR 2 Bill Summary						239,040	100,464	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
SR 2-501	a) Columns	m ³	3	6,282	2,641	18,846	7,923	quotation
SR 2-502	b) Slabs & Lintels	m ³	18	6,356	2,672	114,408	48,096	quotation
SR 2-503	c) Portal frames and roof beams	m ³	4	6,750	2,837	27,000	11,348	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
SR 2-504	a) Sides of column bases and stems	m ²	11	450	189	4,950	2,079	quotation
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
SR 2-505	a) Columns	m ²	45	506	212	22,770	9,540	quotation
SR 2-506	b) Slabs and Lintels	m ²	26	506	212	13,156	5,512	quotation
SR 2-507	c) Portal frames & roof beams	m ²	28	562	236	15,736	6,608	quotation
	<u>Reinforcement</u>							
SR 2-508	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	198	49	20	9,702	3,960	quotation
Total of page BOQ - 400 to SR 2 Bill Summary						226,568	95,066	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-509	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed for steel 460N/mm ² including binding wire, cover and spacer blocks complete <u>Manhole/Steps</u> Construction Of RCC Manhole as per detail drawing	kg	5,823	50	21	291,150	122,283	quotation
SR 2-510	a) MH-10 (600mm x 600mm)	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-511	Construction of RCC power floated steps 500mm wide as per detail drawing. Rate shall include for R/F & form work etc. <u>Masonry Work</u>	m	2	1,687	709	3,374	1,418	quotation
SR 2-512	Random rubble masonry in cement and sand 1:5 using to 225mm size broken stone in foundations.	m ³	9	2,559	1,075	23,031	9,675	quotation
SR 2-513	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	135	834	350	112,590	47,250	quotation
SR 2-514	Hard brick (112.5mm thick) walls in cement and sand 1:5 above ground floor level <u>Water Roofing</u>	m ²	10	517	217	5,170	2,170	quotation
SR 2-515	Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm <u>Structural Metal Work</u>	m ²	59	39	16	2,301	944	quotation
Total of page BOQ - 401 to SR 2 Bill Summary						443,241	186,104	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Rate shall include for treating with two coats of anticorrosive paint where necessary.</p> <p>Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.</p> <p>Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.</p> <p>Fabricating and erecting framed structures.</p>							
SR 2-516	Galvernized "C" channel purlin of size 125 x 50 x 6mm thick fixed to portal frame as per detail drawings.	m	102	590	248	60,180	25,296	quotation
SR 2-517	Hoist rail as per detail drawing.	m	10	5,062	2,128	50,620	21,280	quotation
	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.</p> <p><u>A- Aluminium Doors</u></p>							
Total of page BOQ - 402 to SR 2 Bill Summary						110,800	46,576	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-518	Door type D1 size 900mm x 2700mm Aluminium framed 20 guage colour bonded Aluminium sheet with 5mm thick plywood backing and 5mm thick clear, float, glass single sash door with aluminium louver above.	Nr	1	20,250	8,513	20,250	8,513	quotation
SR 2-519	Door type D2 size 800mm x 2100mm aluminium framed 5mm thick PVC coated plywood sheet (both sides) single sash door	Nr	1	13,217	5,556	13,217	5,556	quotation
SR 2-520	Door type D3 size 2000mm x 2700mm steel framed 20 gauge colour bonded aluminium sheet with 5mm plywood backing and 5mm thick clear float glass double sash door with aluminium louver above.	Nr	1	42,486	17,862	42,486	17,862	quotation
SR 2-521	Door type D4 size 900mm x 2100mm aluminium framed 5mm thick PVC coated plywood sheet (on both sides) single sash door	Nr	1	14,870	6,251	14,870	6,251	quotation
	<u>B- Aluminium Windows</u>							
SR 2-522	Window type W1 size 600mm x 1200mm alluminium framed 5mm thick clear float glass sigle sash windows with alluminium louvers above.	Nr	1	5,094	2,141	5,094	2,141	quotation
SR 2-523	Window type W2 size 2000mm x 1800mm alluminium framed 5mm thick clear float glass three sash windows with alluminium louvers above.	Nr	1	25,471	10,708	25,471	10,708	quotation
	<u>Wood Work</u>							
SR 2-524	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, to and approved make and colour.	m	45	405	170	18,225	7,650	quotation
Total of page BOQ - 403 to SR 2 Bill Summary						139,613	58,681	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Roof Covering</u>							
SR 2-525	Supply & lay 2 layers of half round clay tile on corrugated asbestos roofing sheets including timber frame work as per detail drawing. Rate shall include for "J"bolts, nuts, sealing washers etc.	m ²	98	1,755	737	171,990	72,226	quotation
SR 2-526	Furnish and fix ridge/hip tile including mortar. Rate shall include for laying 300mm wide tar sheet.	m	10	405	170	4,050	1,700	quotation
SR 2-527	Furnish and lay double sided sisilation foil over a BRC mesh as per detail drawing	m ²	98	241	101	23,618	9,898	quotation
	<u>Roof Plumbing</u>							
SR 2-528	Furnish and install 50mm x 70mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	25	3,937	1,655	98,425	41,375	quotation
SR 2-529	Furnish and install 470mm girth Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	45	2,812	1,182	126,540	53,190	quotation
	<u>Q - Plumbing/Sanitary Installations</u>							
	<u>A- Cold Water Supply System</u>							
Total of page BOQ - 404 to SR 2 Bill Summary						424,623	178,389	

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BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.</p> <p>Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.</p>							
SR 2-530	Nominal 20mm dia.pipes	m	5	168	70	840	350	quotation
SR 2-531	Nominal 25mm dia.pipes	m	2	253	106	506	212	quotation
	<p>Furnish and install pipe fixtures and fittings and connect to perfect working order</p>							
SR 2-532	a) Chromium plated 20mm dia brass angle valve	Nr	3	1,068	449	3,204	1,347	quotation
SR 2-533	b) Chromium plated 25mm dia. brass stop valve	Nr	1	1,518	638	1,518	638	quotation
	<p><u>B- Sanitary Installations</u></p> <p>Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.</p>							
SR 2-534	a) Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap all complete to working order	Nr	1	16,875	7,094	16,875	7,094	quotation
Total of page BOQ - 405 to SR 2 Bill Summary						22,943	9,641	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-535	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" traps, connector etc all complete to working order	Nr	1	20,250	8,513	20,250	8,513	quotation
SR 2-536	c) Chromium plated brass hand spray	Nr	1	1,687	709	1,687	709	quotation
SR 2-537	d) 20mm dia. Chromium plated brass bib tap.	Nr	1	843	354	843	354	quotation
SR 2-538	e) 300mm long Flexible hose "fixnol" or approved equivalent for 20mm pipes.	Nr	3	1,068	449	3,204	1,347	quotation
SR 2-539	f) Chromium plated toilet paper holder	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-540	g) Chromium plated brass soap holder	Nr	1	1,125	472	1,125	472	quotation
SR 2-541	h) Bevelled edge frameless mirror 400mmx600mm	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-542	i) Chromium plated towel rail 600mm long	Nr	1	1,687	709	1,687	709	quotation
SR 2-543	Test and Commission Water Supply System	Item	Sum	10,125	4,256	10,125	4,256	quotation
Total of page BOQ - 406 to SR 2 Bill Summary						44,545	18,724	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Wall/Floor/ Ceiling Finishes</u>							
SR 2-544	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	40	483	203	19,320	8,120	quotation
SR 2-545	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mmx300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	16	3,442	1,447	55,072	23,152	quotation
SR 2-546	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mmx200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	2	3,110	1,307	6,220	2,614	quotation
SR 2-547	Furnish and fix glazed ceramic wall tiles of size 200mm x 200mm over a 16mm thick bed of cement and sand 1:3 and fill in joints with grout of matching colour.	m ²	9	1,210	508	10,890	4,572	quotation
SR 2-548	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with neat cement float & applied with two coats of epoxy paint.	m ²	38	387	162	14,706	6,156	quotation
SR 2-549	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat (Magna or equivalent to architect's approval)	m ²	106	508	213	53,848	22,578	quotation
SR 2-550	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough.	m ²	142	205	86	29,110	12,212	quotation
Total of page BOQ - 407 to SR 2 Bill Summary						189,166	79,404	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-551	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement.	m ²	14	302	126	4,228	1,764	quotation
SR 2-552	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	15	344	144	5,160	2,160	quotation
SR 2-553	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	54	1,149	483	62,046	26,082	quotation
SR 2-554	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and purlins as per detail drawing	m ²	45	1,089	457	49,005	20,565	quotation
SR 2-555	Forming 16mm thick "V" groove as per detail drawing.	m	28	28	11	784	308	quotation
	<u>Painting</u>							
SR 2-556	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	106	180	75	19,080	7,950	quotation
SR 2-557	Prepare underside of asbestos free fibre cement sheet flat ceiling painted with two coats of emulsion paint an approved make and colour	m ²	54	191	80	10,314	4,320	quotation
Total of page BOQ - 408 to SR 2 Bill Summary						150,617	63,149	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-558	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour.	m ²	142	204	85	28,968	12,070	quotation
SR 2-559	Prepare underside of asbestos free fibre cement board sloping ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour.	m ²	45	204	85	9,180	3,825	quotation
	<p><u>Water Drainage</u></p> <p>Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.</p> <p><u>A - Waste Water Disposal System</u></p> <p>Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.</p>							
SR 2-560	a) Nominal 90mm dia. pipes	m	3	1,237	520	3,711	1,560	quotation
SR 2-561	b) Nominal 75mm dia. pipes	m	2	309	129	618	258	quotation
SR 2-562	c) Nominal 50mm dia.pipes	m	2	281	118	562	236	quotation
Total of page BOQ - 409 to SR 2 Bill Summary						43,039	17,949	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order.							
SR 2-563	a) 110mm x 50mm swept junction	Nr	1	843	354	843	354	quotation
SR 2-564	b) 50mm x40mm reducing socket	Nr	2	506	212	1,012	424	quotation
SR 2-565	c) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-566	d) 110mm dia. Media plain "Y" junction	Nr	2	1,350	567	2,700	1,134	quotation
	Furnish and install pipe ancillaries and connect to perfect working order							
SR 2-567	150mm x 150mm PVC trapped floor gully 50mm sealed depth as per detail drawing	Nr	1	1,125	472	1,125	472	quotation
	<u>B - Sewerage Disposal System</u>							
	Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of Quantities.							
SR 2-568	a) Nominal 110mm dia. pipes	m	3	1,237	520	3,711	1,560	quotation
	Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.							
Total of page BOQ - 410 to SR 2 Bill Summary						10,515	4,416	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-569	a) 110mm dia. Plain Y Junction	Nr	1	1,350	567	1,350	567	quotation
SR 2-570	b) 110mm dia. short bend 87.5°	Nr	2	562	236	1,124	472	quotation
SR 2-571	c) 110mm dia. Plain Y junction with back door	Nr	1	1,687	709	1,687	709	quotation
SR 2-572	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-573	Construct septic tank for 10 persons as per standard detail drawing	Nr	1	16,875	7,094	16,875	7,094	quotation
SR 2-574	Construct soakage pit for 10 persons as per standard detail drawing	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-575	Test and commission waste water and Sewerage Disposal System	Item	Sum	25,312	10,641	25,312	10,641	quotation
	P-2 Asgiriya Pump Station as depicted in drawing No.30-C-14							
	<u>Concrete Works</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-576	a) 50mm thick screed	m ²	15	257	108	3,855	1,620	quotation
	Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:							
SR 2-577	a) Pile caps/stair foundation	m ³	3	6,093	2,561	18,279	7,683	quotation
Total of page BOQ - 411 to SR 2 Bill Summary						102,230	42,974	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
SR 2-578	a) Columns & Walls/Stairs	m ³	33	6,282	2,641	207,306	87,153	quotation
SR 2-579	b) Beams, slabs and Lintels	m ³	31	6,356	2,672	197,036	82,832	quotation
SR 2-580	c) Portal frames and roof beams	m ³	3	6,750	2,837	20,250	8,511	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
SR 2-581	a) Pile caps	m ²	14	562	236	7,868	3,304	quotation
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
SR 2-582	a) Columns & Walls/Stairs	m ²	299	506	212	151,294	63,388	quotation
SR 2-583	b) Beams, slabs and Lintels	m ²	179	506	212	90,574	37,948	quotation
SR 2-584	c) Portal frames & roof beams	m ²	32	562	236	17,984	7,552	quotation
	<u>Reinforcement</u>							
SR 2-585	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	1,053	49	20	51,597	21,060	quotation
Total of page BOQ - 412 to SR 2 Bill Summary						743,909	311,748	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-586	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed for steel 460N/mm ² including binding wire, cover and spacer blocks complete <u>Manhole/Steps</u> Construction of RCC Manhole as per detail drawing	kg	9,477	50	21	473,850	199,017	quotation
SR 2-587	a) MH-10 (600mm x 600mm)	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-588	Construction of RCC power floated steps 500mm wide as per detail drawing. Rate shall include for R/F & form work etc. <u>Masonry Work</u>	m	3	1,687	709	5,061	2,127	quotation
SR 2-589	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	215	834	350	179,310	75,250	quotation
SR 2-590	Half brick (115mm thick) walls in cement and sand 1:5 above ground floor level <u>Water Roofing</u>	m ²	10	517	217	5,170	2,170	quotation
SR 2-591	Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm <u>Structual Metal Work</u> Rate shall include for treating with two coats of anticorrosive paint where necessary.	m ²	51	39	16	1,989	816	quotation
Total of page BOQ - 413 to SR 2 Bill Summary						671,005	281,744	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.</p> <p>Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.</p> <p>Fabricating and erecting framed structures.</p>							
SR 2-592	Galvanized "C" channel purlin of size 125 x 50 x 6mm thick fixed to portal frame as per detail drawings.	m	97	590	248	57,230	24,056	quotation
SR 2-593	Hoist rail as per detail drawing.	m	7	5,062	2,128	35,434	14,896	quotation
	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.</p>							
	<p><u>A- Aluminium Doors</u></p>							
SR 2-594	Door type D1 size 800mm x 2100mm Aluminium framed 5mm thick PVC coated plywood sheet both side single sash door.	Nr	1	14,870	6,251	14,870	6,251	quotation
Total of page BOQ - 414 to SR 2 Bill Summary						107,534	45,203	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-595	Door type D3 size 900mm x 2700mm aluminium framed 5mm thick PVC coated plywood sheet both sides single sash door	Nr	2	19,118	8,037	38,236	16,074	quotation
SR 2-596	Door type D2 size 900mm x 2700mm of 20 gauge colour bonded Zn/Al sheet with 5mm thick plywood backing double sash door with aluminium louver above.	Nr	2	19,118	8,037	38,236	16,074	quotation
SR 2-597	Door type D4 size 2000mm x 4000mm with steel framed 20 gauge colour bounded aluminium sheet with 5mm thick plywood backing.	Nr	1	62,943	26,462	62,943	26,462	quotation
	<u>B- Aluminium Windows</u>							
SR 2-598	Window type W1 size 900mm x 2100mm alluminium framed 5mm thick clear float glass sigle sash windows with alluminium louvers above.	Nr	3	13,371	5,621	40,113	16,863	quotation
SR 2-599	Window type W2 size 900mm x 1800mm alluminium framed 5mm thick clear float glass single sash windows with alluminium louvers above.	Nr	7	11,461	4,818	80,227	33,726	quotation
SR 2-600	Window type W3 size 2000mm x 2700mm alluminium framed 5mm thick clear float glass single sash windows with alluminium louvers below and above.	Nr	2	38,206	16,062	76,412	32,124	quotation
SR 2-601	Window type W4 size 900mm x 4000mm alluminium framed 5mm thick clear float glass single sash windows with alluminium louvers below and above.	Nr	2	25,471	10,708	50,942	21,416	quotation
Total of page BOQ - 415 to SR 2 Bill Summary						387,109	162,739	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-602	Partition type P1 size 5700mm x 3000mm alluminium framed 5mm PVC coated plywood sheet both side and 5mm thick clear float glass including 900mm wide door.	Nr	1	48,064	20,207	48,064	20,207	quotation
	<u>Hand Rails</u>							
SR 2-603	Furnish, fabricate and install GI handrail type "R3" as per detail drawing. Rate shall include for two coats of anti-corrosive paint and enamel paint.	m	8	4,059	1,706	32,472	13,648	quotation
	<u>Wood Work</u>							
SR 2-604	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, to and approved make and colour.	m	36	405	170	14,580	6,120	quotation
	<u>Roof Covering</u>							
SR 2-605	Supply & lay 2 layers of half round clay tile on corrugated asbestos roofing sheets including timber frame work as per detail drawing. Rate shall include for "J"bolts, nuts, sealing washers etc.	m ²	85	1,755	737	149,175	62,645	quotation
SR 2-606	Furnish and fix ridge/hip tile including mortar. Rate shall include for laying 300mm wide tar sheet.	m	26	405	170	10,530	4,420	quotation
SR 2-607	Furnish and lay double sided sisilation foil over a BRC mesh as per detail drawing	m ²	85	241	101	20,485	8,585	quotation
Total of page BOQ - 416 to SR 2 Bill Summary						275,306	115,625	

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BILL OF QUANTITIES

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Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Roof Plumbing</u>							
SR 2-608	Furnish and install 50mm x 70mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	49	3,937	1,655	192,913	81,095	quotation
SR 2-609	Furnish and install 470mm girth Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	36	2,812	1,182	101,232	42,552	quotation
	<u>Q - Plumbing/Sanitary Installations</u>							
	<u>A- Cold Water Supply System</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
SR 2-610	Nominal 20mm dia.pipes	m	11	168	70	1,848	770	quotation
SR 2-611	Nominal 25mm dia.pipes	m	14	253	106	3,542	1,484	quotation
	Furnish and install pipe fixtures and fittings and connect to perfect working order							
SR 2-612	a) Chromium plated 20mm dia brass angle valve	Nr	4	1,068	449	4,272	1,796	quotation
SR 2-613	b) Chromium plated 25mm dia. brass stop valve	Nr	1	1,518	638	1,518	638	quotation
Total of page BOQ - 417 to SR 2 Bill Summary						305,325	128,335	

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BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>B- Sanitary Installations</u> Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.							
SR 2-614	a) Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap all complete to working order	Nr	2	16,875	7,094	33,750	14,188	quotation
SR 2-615	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" traps, connector etc all complete to working order	Nr	1	20,250	8,513	20,250	8,513	quotation
SR 2-616	c) Chromium plated brass hand spray	Nr	1	1,687	709	1,687	709	quotation
SR 2-617	d) 20mm dia. Chromium plated brass bib tap.	Nr	1	843	354	843	354	quotation
SR 2-618	e) 300mm long Flexible hose "fixnol" or approved equivalent for 20mm pipes.	Nr	2	1,068	449	2,136	898	quotation
SR 2-619	f) Chromium plated toilet paper holder	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-620	g) Chromium plated brass soap holder	Nr	1	1,125	472	1,125	472	quotation
SR 2-621	h) Bevelled edge frameless mirror 400mmx600mm	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-622	i) Chromium plated towel rail 600mm long	Nr	1	1,687	709	1,687	709	quotation
SR 2-623	Test and Commission Water Supply System	Item	Sum	10,125	4,256	10,125	4,256	quotation
Total of page BOQ - 418 to SR 2 Bill Summary						77,227	32,463	

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Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Wall/Floor/ Ceiling Finishes</u>							
SR 2-624	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	51	483	203	24,633	10,353	quotation
SR 2-625	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mmx300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	72	3,442	1,447	247,824	104,184	quotation
SR 2-626	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mmx200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	2	3,110	1,307	6,220	2,614	quotation
SR 2-627	Furnish and fix glazed ceramic wall tiles of size 200mm x 200mm over a 16mm thick bed of cement and sand 1:3 and fill in joints with grout of matching colour.	m ²	7	1,210	508	8,470	3,556	quotation
SR 2-628	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with neat cement float & applied with two coats of epoxy paint.	m ²	98	387	162	37,926	15,876	quotation
SR 2-629	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat (Magna or equivalent to architect's approval)	m ²	139	508	213	70,612	29,607	quotation
SR 2-630	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1.5 and finished semi rough.	m ²	177	205	86	36,285	15,222	quotation
SR 2-631	Plaster sides and soffits of slabs, beams, stairways and with 5mm thick skim coat after grinding and levelling any visible joints (Magna or equivalent to architects approval)	m ²	77	362	152	27,874	11,704	quotation
Total of page BOQ - 419 to SR 2 Bill Summary						459,844	193,116	

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Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-632	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement.	m ²	9	302	126	2,718	1,134	quotation
SR 2-633	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	45	344	144	15,480	6,480	quotation
SR 2-634	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	48	1,149	483	55,152	23,184	quotation
SR 2-635	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and purlins as per detail drawing	m ²	40	1,089	457	43,560	18,280	quotation
SR 2-636	Forming 16mm thick "V" groove as per detail drawing.	m	45	28	11	1,260	495	quotation
	Painting							
SR 2-637	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	216	180	75	38,880	16,200	quotation
SR 2-638	Prepare underside of asbestos free fibre cement sheet flat ceiling painted with two coats of emulsion paint an approved make and colour	m ²	48	191	80	9,168	3,840	quotation
SR 2-639	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour.	m ²	177	204	85	36,108	15,045	quotation
SR 2-640	Prepare underside of asbestos free fibre cement board sloping ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour.	m ²	40	204	85	8,160	3,400	quotation
Total of page BOQ - 420 to SR 2 Bill Summary						210,486	88,058	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p><u>Water Drainage</u></p> <p>Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.</p> <p><u>A - Waste Water Disposal System</u></p> <p>Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.</p>							
SR 2-641	a) Nominal 110mm dia. pipes	m	18	1,237	520	22,266	9,360	quotation
SR 2-642	b) Nominal 50mm dia. pipes	m	3	309	129	927	387	quotation
SR 2-643	c) Nominal 40mm dia.pipes	m	2	281	118	562	236	quotation
	<p>Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order.</p>							
SR 2-644	a) 110mm x 50mm swept junction	Nr	2	843	354	1,686	708	quotation
	<p>Furnish and install pipe ancillaries and connect to perfect working order</p>							
Total of page BOQ - 421 to SR 2 Bill Summary						25,441	10,691	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-645	150mm x 150mm PVC trapped floor gully 50mm sealed depth as per detail drawing	Nr	1	1,125	472	1,125	472	quotation
	<u>B - Sewerage Disposal System</u>							
	Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of							
SR 2-646	a) Nominal 110mm dia. pipes	m	18	1,237	520	22,266	9,360	quotation
	Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.							
SR 2-647	a) 110mm dia. Plain Y Junction	Nr	2	1,350	567	2,700	1,134	quotation
SR 2-648	b) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-649	c) 110mm dia. Plain Y junction with back door	Nr	1	1,687	709	1,687	709	quotation
SR 2-650	d) 110mm dia. 90 deg. Long radius inspection bend	Nr	1	956	401	956	401	quotation
SR 2-651	e) 110mm x 50mm reducing socket	Nr	1	843	354	843	354	quotation
SR 2-652	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-653	Construct septic tank for 10 persons as per standard detail drawing.	Nr	1	16,875	7,094	16,875	7,094	quotation
SR 2-654	Construct soakage pit for 10 persons as per standard detail drawing	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-655	Test and commission waste water and Sewerage Disposal System	Item	Sum	10,125	4,256	10,125	4,256	quotation
Total of page BOQ - 422 to SR 2 Bill Summary						91,449	38,440	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Architectural Equipment</u>							
SR 2-656	Supply all small power and lighting complete	Item	Sum	95,625	40,202	95,625	40,202	quotation
SR 2-657	Supply all telephone complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2-658	Supply all yard lighting complete	Item	Sum	36,000	15,135	36,000	15,135	quotation
SR 2-659	Supply all lightning protection complete	Item	Sum	28,125	11,824	28,125	11,824	quotation
SR 2-660	Install all small power and lighting complete	Item	Sum	33,750	14,189	33,750	14,189	quotation
SR 2-661	Install all telephone complete	Item	Sum	56,250	23,648	56,250	23,648	quotation
SR 2-662	Install all yard lighting complete	Item	Sum	6,750	2,837	6,750	2,837	quotation
SR 2-663	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
	P-3 KMC-R2 Pump Station as depicted in drawing No.30-C-17							
	<u>Concrete Works</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-664	a) 50mm thick screed	m ²	53	257	108	13,621	5,724	quotation
SR 2-665	b) Concrete filling on RCC slab above ground floor level.	m ³	8	5,152	2,166	41,216	17,328	quotation
Total of page BOQ - 423 to SR 2 Bill Summary						356,337	149,805	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-666	Furnish, place, compact and cure cement concrete grade 25 below ground floor level in: a) Columns bases and stems	m ³	3	6,093	2,561	18,279	7,683	quotation
SR 2-667	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in: a) Columns	m ³	4	6,282	2,641	25,128	10,564	quotation
SR 2-668	b) Slabs & lintels	m ³	18	6,356	2,672	114,408	48,096	quotation
SR 2-669	c) Portal frames and roof beams	m ³	3	6,750	2,837	20,250	8,511	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
SR 2-670	a) Column bases and stems	m ²	11	450	189	4,950	2,079	quotation
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
SR 2-671	a) Columns	m ²	43	506	212	21,758	9,116	quotation
SR 2-672	b) Slabs and Lintels	m ²	16	506	212	8,096	3,392	quotation
SR 2-673	c) Portal frames & roof beams	m ²	33	562	236	18,546	7,788	quotation
Total of page BOQ - 424 to SR 2 Bill Summary						231,415	97,229	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Reinforcement</u>							
SR 2-674	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	139	49	20	6,811	2,780	quotation
SR 2-675	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed tor steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	2,793	50	21	139,650	58,653	quotation
	<u>Manhole/Steps</u>							
	Construction Of RCC Manhole as per detail drawing							
SR 2-676	a) MH-10 (600mm x 600mm)	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-677	Construction of RCC power floated steps 500mm wide as per detail drawing. Rate shall include for R/F & form work etc.	m	3	1,687	709	5,061	2,127	quotation
	<u>Masonry Work</u>							
SR 2-678	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	110	834	350	91,740	38,500	quotation
SR 2-679	Half brick (115mm thick) walls in cement and sand 1:5 above ground floor level	m ²	17	517	217	8,789	3,689	quotation
	<u>Water Roofing</u>							
SR 2-680	Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm	m ²	46	39	16	1,794	736	quotation
Total of page BOQ - 425 to SR 2 Bill Summary						259,470	108,849	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p><u>Structural Metal Work</u></p> <p>Rate shall include for treating with two coats of anticorrosive paint where necessary.</p> <p>Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.</p> <p>Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.</p> <p>Fabricating and erecting framed structures.</p>							
SR 2-681	Galvernized "C" channel purlin of size 125 x 50 x 6mm thick fixed to portal frame as per detail drawings.	m	102	686	288	69,972	29,376	quotation
SR 2-682	Hoist rail as per detail drawing.	m	4	5,062	2,128	20,248	8,512	quotation
	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.</p>							
Total of page BOQ - 426 to SR 2 Bill Summary						90,220	37,888	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>A- Aluminium Doors</u>							
SR 2-683	Door type D1 size 900mm x 2900mm with Aluminium framed 20 guage colour bonded Aluminium sheet with 5mm thick plywood backing and single sash door.	Nr	1	20,534	8,632	20,534	8,632	quotation
SR 2-684	Door type D2 size 900mm x 2100mm aluminium framed 3mm thick PVC coated plywood sheet on both sides and 5mm thick clear float glass single sash door	Nr	1	14,870	6,251	14,870	6,251	quotation
SR 2-685	Door type D3 size 900mm x 2100mm aluminium framed 5mm thick PVC coated plywood sheet on both sides single sash door.	Nr	2	14,870	6,251	29,740	12,502	quotation
SR 2-686	Door type D4 size 2000mm x 2900mm steel framed 20 gauge colour bonded Zn/Al sheet with 5mm thick plywood backing double sash door with aluminium louver above.	Nr	1	45,634	19,185	45,634	19,185	quotation
	<u>B- Aluminium Windows</u>							
SR 2-687	Window type W1 size 600mm x 1400mm alluminium framed 5mm thick clear float glass sigle sash windows with alluminium louvers panels above.	Nr	7	5,943	2,498	41,601	17,486	quotation
	<u>Wood Work</u>							
SR 2-688	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, to and approved make and colour.	m	38	405	170	15,390	6,460	quotation
	<u>Roof Covering</u>							
Total of page BOQ - 427 to SR 2 Bill Summary						167,769	70,516	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-689	Supply & lay 2 layers of half round clay tile on corrugated asbestos sheets roof fixed to steel frame work as per detail drawing. Rate shall include for "J"bolts, nuts, sealing washers etc.	m ²	89	1,755	737	156,195	65,593	quotation
SR 2-690	Furnish and fix ridge/hip tile including mortar. Rate shall include for laying 300mm wide tar sheet.	m	48	405	170	19,440	8,160	quotation
SR 2-691	Furnish and lay double sided sisilation foil over a BRC mesh as per detail drawing	m ²	89	241	101	21,449	8,989	quotation
<u>Roof Plumbing</u>								
SR 2-692	Furnish and install 50mm x 70mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	16	3,937	1,655	62,992	26,480	quotation
SR 2-693	Furnish and install 470mm girth Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	38	2,812	1,182	106,856	44,916	quotation
<u>Q - Plumbing/Sanitary Installations</u>								
<u>A- Cold Water Supply System</u>								
Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.								
Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.								
SR 2-694	Nominal 20mm dia.pipes	m	4	168	70	672	280	quotation
Total of page BOQ - 428 to SR 2 Bill Summary						367,604	154,418	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-695	Nominal 25mm dia.pipes	m	5	253	106	1,265	530	quotation
	Furnish and install pipe fixtures and fittings and connect to perfect working order							
SR 2-696	a) Chromium plated 20mm dia brass angle valve	Nr	3	1,068	449	3,204	1,347	quotation
SR 2-697	b) Chromium plated 25mm dia. brass stop valve	Nr	1	1,518	638	1,518	638	quotation
	<u>B- Sanitary Installations</u>							
	Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.							
SR 2-698	a) Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap all complete to working order	Nr	1	16,875	7,094	16,875	7,094	quotation
SR 2-699	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" traps, connector etc all complete to working order	Nr	1	20,250	8,513	20,250	8,513	quotation
SR 2-700	c) Chromium plated brass hand spray	Nr	1	1,687	709	1,687	709	quotation
SR 2-701	d) 20mm dia. Chromium plated brass bib tap.	Nr	1	843	354	843	354	quotation
SR 2-702	e) 300mm long Flexible hose "fixnol" or approved equivalent for 20mm pipes.	Nr	3	1,068	449	3,204	1,347	quotation
SR 2-703	f) Chromium plated toilet paper holder	Nr	1	2,812	1,182	2,812	1,182	quotation
Total of page BOQ - 429 to SR 2 Bill Summary						51,658	21,714	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-704	g) Chromium plated brass soap holder	Nr	1	1,125	472	1,125	472	quotation
SR 2-705	h) Bevilled edge frameless mirror 400mmx600mm	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-706	i) Chromium plated towel rail 600mm long	Nr	1	1,687	709	1,687	709	quotation
SR 2-707	Test and Commission Water Supply System	Item	Sum	10,125	4,256	10,125	4,256	quotation
	<u>Wall/Floor/ Ceiling Finishes</u>							
SR 2-708	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	21	483	203	10,143	4,263	quotation
SR 2-709	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mmx300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	16	3,442	1,447	55,072	23,152	quotation
SR 2-710	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mmx200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	3	3,110	1,307	9,330	3,921	quotation
SR 2-711	Furnish and fix glazed ceramic wall tiles of size 200mm x 200mm over a 16mm thick bed of cement and sand 1:3 and fill in joints with grout of matching colour.	m ²	7	1,210	508	8,470	3,556	quotation
Total of page BOQ - 430 to SR 2 Bill Summary						98,764	41,511	

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BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-712	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with neat cement float & applied with two coats of epoxy paint.	m ²	24	387	162	9,288	3,888	quotation
SR 2-713	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat (Magna or equivalent to architect's approval)	m ²	137	508	213	69,596	29,181	quotation
SR 2-714	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough.	m ²	113	205	86	23,165	9,718	quotation
SR 2-715	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement.	m ²	13	302	126	3,926	1,638	quotation
SR 2-716	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	19	344	144	6,536	2,736	quotation
SR 2-717	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	38	1,149	483	43,662	18,354	quotation
SR 2-718	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and purlins as per detail drawing	m ²	40	1,089	457	43,560	18,280	quotation
SR 2-719	Forming 16mm thick "V" groove as per detail drawing.	m	45	28	11	1,260	495	quotation
Total of page BOQ - 431 to SR 2 Bill Summary						200,993	84,290	

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BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Painting</u>							
SR 2-720	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	137	180	75	24,660	10,275	quotation
SR 2-721	Prepare underside of asbestos free fibre cement sheet flat ceiling painted with two coats of emulsion paint an approved make and colour	m ²	38	191	80	7,258	3,040	quotation
SR 2-722	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour.	m ²	113	204	85	23,052	9,605	quotation
SR 2-723	Prepare underside of asbestos free fibre cement board sloping ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour.	m ²	40	204	85	8,160	3,400	quotation
	<u>Water Drainage</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	<u>A - Waste Water Disposal System</u>							
	Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
Total of page BOQ - 432 to SR 2 Bill Summary						63,130	26,320	

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Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-724	a) Nominal 110mm dia. pipes	m	2	1,237	520	2,474	1,040	quotation
SR 2-725	b) Nominal 50mm dia. pipes	m	2	309	129	618	258	quotation
SR 2-726	c) Nominal 40mm dia.pipes	m	1	281	118	281	118	quotation
	Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order.							
SR 2-727	a) 110mm x 50mm swept junction	Nr	1	843	354	843	354	quotation
SR 2-728	b) 50mm x40mm reducing socket	Nr	2	506	212	1,012	424	quotation
SR 2-729	c) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-730	d) 100mm dia. Media plain "Y" junction	Nr	2	1,350	567	2,700	1,134	quotation
	Furnish and install pipe ancillaries and connect to perfect working order							
SR 2-731	150mm x 150mm PVC trapped floor gulley 50mm sealed depth as per detail drawing	Nr	1	1,125	472	1,125	472	quotation
	<u>B - Sewerage Disposal System</u>							
	Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of Quantities.							
SR 2-732	a) Nominal 110mm dia. pipes	m	5	1,237	520	6,185	2,600	quotation
Total of page BOQ - 433 to SR 2 Bill Summary						16,362	6,872	

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Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.							
SR 2-733	a) 110mm dia. Plain Y Junction	Nr	1	1,350	567	1,350	567	quotation
SR 2-734	b) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-735	c) 110mm dia. Plain Y junction with back door	Nr	1	1,687	709	1,687	709	quotation
SR 2-736	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing.	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-737	Construct septic tank for 10 persons as per standard detail drawing.	Nr	1	16,875	7,094	16,875	7,094	quotation
SR 2-738	Construct soakage pit for 10 persons as per standard detail drawing	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-739	Test and commission waste water and Sewerage Disposal System	Item	Sum	25,312	10,641	25,312	10,641	quotation
	<u>Architectural Equipment</u>							
SR 2-740	Supply all small power and lighting complete	Item	Sum	95,625	40,202	95,625	40,202	quotation
SR 2-741	Supply all telephone complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2-742	Supply all yard lighting complete	Item	Sum	40,500	17,027	40,500	17,027	quotation
SR 2-743	Supply all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
Total of page BOQ - 434 to SR 2 Bill Summary						261,221	109,818	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-744	Install all small power and lighting complete	Item	Sum	33,750	14,189	33,750	14,189	quotation
SR 2-745	Install all telephone complete	Item	Sum	56,250	23,648	56,250	23,648	quotation
SR 2-746	Install all yard lighting complete	Item	Sum	6,750	2,837	6,750	2,837	quotation
SR 2-747	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
	P-4 Heerassagala Low Pump Station as depicted in drawing No.30-C-19							
	<u>Concrete Works</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-748	a) 50mm thick screed	m ²	63	257	108	16,191	6,804	quotation
	Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:							
SR 2-749	a) Slab	m ³	12	6,093	2,561	73,116	30,732	quotation
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
SR 2-750	a) Columns, walls and stair case	m ³	52	6,282	2,641	326,664	137,332	quotation
SR 2-751	b) Slabs beams & lintels	m ³	25	6,356	2,672	158,900	66,800	quotation
SR 2-752	c) Portal frames and roof beams	m ³	3	6,750	2,837	20,250	8,511	quotation
Total of page BOQ - 435 to SR 2 Bill Summary						714,371	300,312	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:							
SR 2-753	a) Slab	m ²	5	450	189	2,250	945	quotation
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
SR 2-754	a) Columns, walls and stair case	m ²	289	506	212	146,234	61,268	quotation
SR 2-755	b) Slabs beams and Lintels	m ²	83	506	212	41,998	17,596	quotation
SR 2-756	c) Portal frames & roof beams	m ²	27	562	236	15,174	6,372	quotation
	<u>Reinforcement</u>							
SR 2-757	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	216	49	20	10,584	4,320	quotation
SR 2-758	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed tor steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	10,588	50	21	529,400	222,348	quotation
	<u>Manhole/Steps</u>							
	Construction Of RCC Manhole as per detail drawing							
Total of page BOQ - 436 to SR 2 Bill Summary						745,640	312,849	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-759	a) MH-10 (600mm x 600mm)	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-760	Construction of RCC power floated steps 500mm wide as per detail drawing. Rate shall include for R/F & form work etc. <u>Masonry Work</u>	m	3	1,687	709	5,061	2,127	quotation
SR 2-761	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	91	834	350	75,894	31,850	quotation
SR 2-762	Hard brick (112.5mm thick) walls in cement and sand 1:5 above ground floor level <u>Water Roofing</u>	m ²	34	517	217	17,578	7,378	quotation
SR 2-763	Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm <u>Structural Metal Work</u> Rate shall include for treating with two coats of anticorrosive paint where necessary. Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing. Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc. Fabricating and erecting framed structures.	m ²	63	39	16	2,457	1,008	quotation
Total of page BOQ - 437 to SR 2 Bill Summary						106,615	44,727	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-764	Galvernized "C" channel purlin of size 125 x 50 x 6mm thick fixed to portal frame as per detail drawings.	m	90	590	248	53,100	22,320	quotation
SR 2-765	Hoist rail as per detail drawing.	m	5	5,062	2,128	25,310	10,640	quotation
	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.</p> <p><u>A- Aluminium Doors</u></p>							
SR 2-766	Door type D1 size 900mm x 2300mm Aluminium framed 20 guage colour bonded Zink Aluminium sheet with 5mm thick plywood backing single sash door.	Nr	1	16,285	6,846	16,285	6,846	quotation
SR 2-767	Door type D2 size 900mm x 2100mm aluminium framed 3mm thick PVC coated plywood sheet (both sides) and 5mm thick clear float glass single sash door	Nr	3	14,870	6,251	44,610	18,753	quotation
SR 2-768	Door type D3 size 800mm x 2100mm aluminium framed 5mm thick PVC coated plywood sheet both sides single sash door.	Nr	1	13,217	5,556	13,217	5,556	quotation
SR 2-769	Door type D4 size 2000mm x 2300mm steel framed 20 gauge colour bonded Zink Aluminium sheet with 5mm thick louver door	Nr	1	36,192	15,215	36,192	15,215	quotation
Total of page BOQ - 438 to SR 2 Bill Summary						188,714	79,330	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>B- Aluminium Windows</u>							
SR 2-770	Window type W1 size 2000mm x 1400mm alluminium framed 5mm thick clear float glass three sashes windows with fixed alluminium louver panels below.	Nr	5	19,811	8,328	99,055	41,640	quotation
SR 2-771	Window type W2 size 900mm x 2300mm alluminium framed 5mm thick clear float glass single sash top hung window with fixed alluminium louvers panels below.	Nr	1	14,645	6,157	14,645	6,157	quotation
	<u>Wood Work</u>							
SR 2-772	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, to and approved make and colour.	m	37	405	170	14,985	6,290	quotation
	<u>Roof Covering</u>							
SR 2-773	Supply & lay 2 layers of half round clay tile on corrugated asbestos roofing sheets including timber frame work as per detail drawing. Rate shall include for "J"bolts, nuts, sealing washers etc.	m ²	76	1,755	737	133,380	56,012	quotation
SR 2-774	Furnish and fix ridge/hip tile including mortar. Rate shall include for laying 300mm wide tar sheet.	m	18	405	170	7,290	3,060	quotation
SR 2-775	Furnish and lay double sided sisilation foil over a BRC mesh as per detail drawing	m ²	76	241	101	18,316	7,676	quotation
Total of page BOQ - 439 to SR 2 Bill Summary						287,671	120,835	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Roof Plumbing</u>							
SR 2-776	Furnish and install 50mm x 70mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	32	3,937	1,655	125,984	52,960	quotation
SR 2-777	Furnish and install 470mm girth Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	35	2,812	1,182	98,420	41,370	quotation
	<u>Q - Plumbing/Sanitary Installations</u>							
	<u>A- Cold Water Supply System</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
SR 2-778	Nominal 20mm dia.pipes	m	5	168	70	840	350	quotation
SR 2-779	Nominal 25mm dia.pipes	m	2	253	106	506	212	quotation
	Furnish and install pipe fixtures and fittings and connect to perfect working order							
SR 2-780	a) Chromium plated 20mm dia brass angle valve	Nr	3	1,068	449	3,204	1,347	quotation
Total of page BOQ - 440 to SR 2 Bill Summary						228,954	96,239	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-781	b) Chromium plated 25mm dia. brass stop valve <u>B- Sanitary Installations</u> Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.	Nr	1	1,518	638	1,518	638	quotation
SR 2-782	a) Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap all complete to working order	Nr	1	16,875	7,094	16,875	7,094	quotation
SR 2-783	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" traps, connector etc all complete to working order	Nr	1	20,250	8,513	20,250	8,513	quotation
SR 2-784	c) Chromium plated brass hand spray	Nr	1	1,687	709	1,687	709	quotation
SR 2-785	d) 20mm dia. Chromium plated brass bib tap.	Nr	1	843	354	843	354	quotation
SR 2-786	e) 300mm long Flexible hose "fixnol" or approved equivalent for 20mm pipes.	Nr	3	1,068	449	3,204	1,347	quotation
SR 2-787	f) Chromium plated toilet paper holder	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-788	g) Chromium plated brass soap holder	Nr	1	1,125	472	1,125	472	quotation
SR 2-789	h) Bevilled edge frameless mirror 400mmx600mm	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-790	i) Chromium plated towel rail 600mm long	Nr	1	1,687	709	1,687	709	quotation
Total of page BOQ - 441 to SR 2 Bill Summary						52,813	22,200	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-791	Test and Commission Water Supply System	Item	Sum	10,125	4,256	10,125	4,256	quotation
	<u>Wall/Floor/ Ceiling Finishes</u>							
SR 2-792	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	45	483	203	21,735	9,135	quotation
SR 2-793	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mmx300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	28	3,442	1,447	96,376	40,516	quotation
SR 2-794	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mmx200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	3	3,110	1,307	9,330	3,921	quotation
SR 2-795	Furnish and fix glazed ceramic wall tiles of size 200mm x 200mm over a 16mm thick bed of cement and sand 1:3 and fill in joints with grout of matching colour.	m ²	8	1,210	508	9,680	4,064	quotation
SR 2-796	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with neat cement float & applied with two coats of epoxy paint.	m ²	42	387	162	16,254	6,804	quotation
SR 2-797	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat (Magna or equivalent to architect's approval)	m ²	266	508	213	135,128	56,658	quotation
SR 2-798	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough.	m ²	186	205	86	38,130	15,996	quotation
Total of page BOQ - 442 to SR 2 Bill Summary						336,758	141,350	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-799	Plaster sides and soffits of slabs and beams with 5mm thick skim coat after grooving and levelling any visible joints (Magna or equivalent to architect's approval).	m ²	84	362	152	30,408	12,768	quotation
SR 2-800	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement.	m ²	11	302	126	3,322	1,386	quotation
SR 2-801	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	21	344	144	7,224	3,024	quotation
SR 2-802	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	41	1,149	483	47,109	19,803	quotation
SR 2-803	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and purlins as per detail drawing	m ²	35	1,089	457	38,115	15,995	quotation
SR 2-804	Forming 16mm thick "V" groove as per detail drawing.	m	31	28	11	868	341	quotation
	Painting							
SR 2-805	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	351	180	75	63,180	26,325	quotation
SR 2-806	Prepare underside of asbestos free fibre cement sheet flat ceiling painted with two coats of emulsion paint an approved make and colour	m ²	41	191	80	7,831	3,280	quotation
Total of page BOQ - 443 to SR 2 Bill Summary						198,057	82,922	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-807	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour.	m ²	186	204	85	37,944	15,810	quotation
SR 2-808	Prepare underside of asbestos free fibre cement board sloping ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour.	m ²	35	204	85	7,140	2,975	quotation
	<u>Water Drainage</u> Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary. <u>A - Waste Water Disposal System</u> Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
SR 2-809	a) Nominal 110mm dia. pipes	m	1	1,237	520	1,237	520	quotation
SR 2-810	b) Nominal 50mm dia. pipes	m	1	309	129	309	129	quotation
SR 2-811	c) Nominal 40mm dia.pipes	m	2	281	118	562	236	quotation
	Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order.							
SR 2-812	a) 110mm x 50mm swept junction	Nr	1	843	354	843	354	quotation
SR 2-813	b) 50mm x40mm reducing socket	Nr	2	506	212	1,012	424	quotation
Total of page BOQ - 444 to SR 2 Bill Summary						49,047	20,448	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-814	c) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-815	d) 110mm dia. Media plain "Y" junction	Nr	2	1,350	567	2,700	1,134	quotation
	Furnish and install pipe ancillaries and connect to perfect working order							
SR 2-816	150mm x 150mm PVC trapped floor gully 50mm sealed depth as per detail drawing	Nr	1	1,125	472	1,125	472	quotation
	<u>B - Sewerage Disposal System</u>							
	Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of Quantities.							
SR 2-817	a) Nominal 110mm dia. pipes	m	4	1,237	520	4,948	2,080	quotation
	Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.							
SR 2-818	a) 110mm dia. Plain Y Junction	Nr	1	1,350	567	1,350	567	quotation
SR 2-819	b) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-820	c) 110mm dia. Plain Y junction with back door	Nr	1	1,687	709	1,687	709	quotation
SR 2-821	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing.	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-822	Construct septic tank for 10 persons as per standard detail drawing.	Nr	1	16,875	7,094	16,875	7,094	quotation
Total of page BOQ - 445 to SR 2 Bill Summary						47,807	20,094	

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Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-823	Construct soakage pit for 10 persons as per standard detail drawing	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-824	Test and commission waste water and Sewerage Disposal System	Item	Sum	25,312	10,641	25,312	17,188	quotation
	P-5 Heerassagala Middle Pump Station as depicted in drawing No.30-C-20							
	<u>Concrete Works</u>							
	Furnish, place, compact and cure cement concrete grade 15 laid within forms in:							
SR 2-825	a) Concrete filling on RCC slab above ground floor level.	m ³	5	5,152	2,166	25,760	10,830	quotation
	Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:							
SR 2-826	a) Columns & Walls	m ³	8	6,282	2,641	50,256	21,128	quotation
SR 2-827	b) Beams, slabs & lintels	m ³	17	6,356	2,672	108,052	45,424	quotation
SR 2-828	c) Portal frames and roof beams	m ³	2	6,750	2,837	13,500	5,674	quotation
	<u>Formwork</u>							
	Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:							
SR 2-829	a) Columns & Walls	m ²	73	506	212	36,938	15,476	quotation
SR 2-830	b) Beams, slabs & lintels	m ²	18	506	212	9,108	3,816	quotation
Total of page BOQ - 446 to SR 2 Bill Summary						285,800	126,630	

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Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-831	c) Portal frames and roof beams	m ²	27	562	236	15,174	6,372	quotation
	<u>Reinforcement</u>							
SR 2-832	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	214	49	20	10,486	4,280	quotation
SR 2-833	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed tor steel 460N/mm ² including binding wire, cover and spacer blocks complete	kg	3,510	50	21	175,500	73,710	quotation
	<u>Miscellaneous</u>							
	Forming undercounter vanity basin top of the sizes specified hereinunder as per detail drawing. Rate shall include for concrete, reinforcement, formwork and granite finish.							
SR 2-834	a) Vanity counter of size 2000 x 725mm	Nr	1	5,040	2,118	5,040	2,118	quotation
	Construction of RCC Manhole as per detail drawing							
SR 2-835	a) MH-10 (600mm x 600mm)	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-836	Construction of RCC power floated steps 500mm wide as per detail drawing. Rate shall include for R/F & form work etc.	m	4	2,812	1,182	11,248	4,728	quotation
	<u>Masonry Work</u>							
SR 2-837	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	66	834	350	55,044	23,100	quotation
Total of page BOQ - 447 to SR 2 Bill Summary						278,117	116,672	

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BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-838	<p><u>Water Roofing</u></p> <p>Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm</p> <p><u>Structural Metal Work</u></p> <p>Rate shall include for treating with two coats of anticorrosive paint where necessary.</p> <p>Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.</p> <p>Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.</p> <p>Fabricating and erecting framed structures.</p>	m ²	36	39	16	1,404	576	quotation
SR 2-839	Galvanized "C" channel purlin of size 174 x 63 x 6mm thick fixed to portal frame as per detail drawings.	m	99	1,350	567	133,650	56,133	quotation
SR 2-840	Hoist rail as per detail drawing.	m	9	5,062	2,128	45,558	19,152	quotation
Total of page BOQ - 448 to SR 2 Bill Summary						180,612	75,861	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.</p> <p><u>A- Aluminium Doors</u></p>							
SR 2-841	Door type D1 size 900mm x 2700mm Aluminium framed 20 guage colour bonded Aluminium sheet with 5mm thick plywood backing and 5mm thick clear, float, glass double sash door.	Nr	1	19,118	8,037	19,118	8,037	quotation
SR 2-842	Door type D2 size 2000mm x 2700mm steel framed 20 gauge colour bonded aluminium sheet double sash door with aluminium louvers above.	Nr	1	42,486	17,862	42,486	17,862	quotation
SR 2-843	Door type D3 size 900mm x 2100mm steel framed 20 gauge colour bonded aluminium sheet single sash door.	Nr	1	14,870	6,251	14,870	6,251	quotation
SR 2-844	Door type D4 size 800mm x 2100mm powder coated aluminium framed 5mm thick PVC coated plywood sheet on both sides, single sash door.	Nr	1	13,217	5,556	13,217	5,556	quotation
	<p><u>B- Aluminium Windows</u></p>							
SR 2-845	Window type W1 size 600mm x 1200mm alluminium framed 5mm thick clear float glass sigle sash windows with alluminium louvers above.	Nr	2	5,094	2,141	10,188	4,282	quotation
Total of page BOQ - 449 to SR 2 Bill Summary						99,879	41,988	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-846	Window type W2 size 2000mm x 1800mm alluminium framed 5mm thick clear float glass single sash windows with alluminium louvers above. Wood Work	Nr	1	25,471	10,708	25,471	10,708	quotation
SR 2-847	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, to and approved make and colour. Roof Covering	m	37	405	170	14,985	6,290	quotation
SR 2-848	Supply & lay 2 layers of half round clay tile on corrugated asbestos roofing sheets including timber frame work as per detail drawing. Rate shall include for "J"bolts, nuts, sealing washers etc.	m ²	86	1,755	737	150,930	63,382	quotation
SR 2-849	Furnish and fix ridge/hip tile including mortar. Rate shall include for laying 300mm wide tar sheet.	m	25	405	170	10,125	4,250	quotation
SR 2-850	Furnish and lay double sided sisilation foil over a BRC mesh as per detail drawing Roof Plumbing	m ²	86	241	101	20,726	8,686	quotation
SR 2-851	Furnish and install 50mm x 70mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends, shoes etc.	m	17	3,937	1,655	66,929	28,135	quotation
SR 2-852	Furnish and install 470mm girth Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	36	2,812	1,182	101,232	42,552	quotation
Total of page BOQ - 450 to SR 2 Bill Summary						390,398	164,003	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Q - Plumbing/Sanitary Installations</u>							
	<u>A- Cold Water Supply System</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
SR 2-853	Nominal 20mm dia.pipes	m	5	168	70	840	350	quotation
SR 2-854	Nominal 25mm dia.pipes	m	5	253	106	1,265	530	quotation
	Furnish and install pipe fixtures and fittings and connect to perfect working order							
SR 2-855	a) Chromium plated 20mm dia brass angle valve	Nr	3	1,068	449	3,204	1,347	quotation
SR 2-856	b) Chromium plated 25mm dia. brass stop valve	Nr	1	1,518	638	1,518	638	quotation
	<u>B- Sanitary Installations</u>							
	Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.							
Total of page BOQ - 451 to SR 2 Bill Summary						6,827	2,865	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-857	a) Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap all complete to working order	Nr	1	16,875	7,094	16,875	7,094	quotation
SR 2-858	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" traps, connector etc all complete to working order	Nr	1	20,250	8,513	20,250	8,513	quotation
SR 2-859	c) Chromium plated brass hand spray	Nr	1	1,687	709	1,687	709	quotation
SR 2-860	d) 20mm dia. Chromium plated brass bib tap.	Nr	1	843	354	843	354	quotation
SR 2-861	e) 300mm long Flexible hose "fixnol" or approved equivalent for 20mm pipes.	Nr	2	1,068	449	2,136	898	quotation
SR 2-862	f) Chromium plated toilet paper holder	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-863	g) Chromium plated brass soap holder	Nr	1	1,125	472	1,125	472	quotation
SR 2-864	h) Bevelled edge frameless mirror 400mmx600mm	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-865	i) Chromium plated towel rail 600mm long	Nr	1	1,687	709	1,687	709	quotation
SR 2-866	Test and Commission Water Supply System	Item	Sum	10,125	4,256	10,125	4,256	quotation
	<u>Wall/Floor/ Ceiling Finishes</u>							
Total of page BOQ - 452 to SR 2 Bill Summary						60,352	25,369	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-867	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	23	483	203	11,109	4,669	quotation
SR 2-868	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mmx300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	12	3,442	1,447	41,304	17,364	quotation
SR 2-869	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mmx200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	3	3,110	1,307	9,330	3,921	quotation
SR 2-870	Furnish and fix glazed ceramic wall tiles of size 200mm x 200mm over a 16mm thick bed of cement and sand 1:3 and fill in joints with grout of matching colour.	m ²	7	1,210	508	8,470	3,556	quotation
SR 2-871	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with neat cement float & applied with two coats of epoxy paint.	m ²	26	387	162	10,062	4,212	quotation
SR 2-872	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat (Magna or equivalent to architect's approval)	m ²	240	508	213	121,920	51,120	quotation
SR 2-873	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough.	m ²	122	205	86	25,010	10,492	quotation
SR 2-874	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement.	m ²	13	302	126	3,926	1,638	quotation
Total of page BOQ - 453 to SR 2 Bill Summary						231,131	96,972	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-875	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	14	344	144	4,816	2,016	quotation
SR 2-876	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	37	1,149	483	42,513	17,871	quotation
SR 2-877	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and purlins as per detail drawing	m ²	31	1,089	457	33,759	14,167	quotation
SR 2-878	Forming 16mm thick "V" groove as per detail drawing.	m	27	28	11	756	297	quotation
	<u>Painting</u>							
SR 2-879	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	240	180	75	43,200	18,000	quotation
SR 2-880	Prepare underside of asbestos free fibre cement sheet flat ceiling painted with two coats of emulsion paint an approved make and colour	m ²	37	191	80	7,067	2,960	quotation
Total of page BOQ - 454 to SR 2 Bill Summary						132,111	55,311	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-881	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour.	m ²	122	204	85	24,888	10,370	quotation
SR 2-882	Prepare underside of asbestos free fibre cement board sloping ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour.	m ²	31	204	85	6,324	2,635	quotation
	<u>Water Drainage</u> Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	<u>A - Waste Water Disposal System</u> Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
SR 2-883	a) Nominal 110mm dia. Pipes	m	2	1,237	520	2,474	1,040	quotation
SR 2-884	b) Nominal 50mm dia. pipes	m	4	309	129	1,236	516	quotation
SR 2-885	c) Nominal 40mm dia.pipes	m	2	281	118	562	236	quotation
	Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order.							
SR 2-886	a) 110mm x 50mm swept junction	Nr	1	843	354	843	354	quotation
Total of page BOQ - 455 to SR 2 Bill Summary						36,327	15,151	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-887	b) 50mm x40mm reducing socket	Nr	2	506	212	1,012	424	quotation
SR 2-888	c) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-889	d) 110mm dia. Media plain "Y" junction	Nr	2	1,350	567	2,700	1,134	quotation
	Furnish and install pipe ancillaries and connect to perfect working order							
SR 2-890	150mm x 150mm PVC trapped floor gully 50mm sealed depth as per detail drawing	Nr	1	1,125	472	1,125	472	quotation
	<u>B - Sewerage Disposal System</u>							
	Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of Quantities.							
SR 2-891	a) Nominal 110mm dia. pipes	m	4	1,237	520	4,948	2,080	quotation
	Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.							
SR 2-892	a) 110mm dia. Plain Y Junction	Nr	1	1,350	567	1,350	567	quotation
SR 2-893	b) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-894	c) 110mm dia. Plain Y junction with back door	Nr	1	1,687	709	1,687	709	quotation
Total of page BOQ - 456 to SR 2 Bill Summary						15,070	6,330	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-895	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing	Nr	3	8,437	3,547	25,311	10,641	quotation
SR 2-896	Construct septic tank for 10 persons as per standard detail drawing.	Nr	1	16,875	7,094	16,875	7,094	quotation
SR 2-897	Construct soakage pit for 10 persons as per standard detail drawing	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-898	Test and commission waste water and Sewerage Disposal System	Item	Sum	25,312	10,641	25,312	10,641	quotation
P-6 Ampitiya Pump Station as depicted in drawing No.30-C-23								
<u>Concrete Works</u>								
Furnish, place, compact and cure cement concrete grade 15 laid within forms in:								
SR 2-899	a) 75mm thick screed	m ²	86	387	162	33,282	13,932	quotation
Furnish, place, compact and cure cement concrete grade 25 below ground floor level in:								
SR 2-900	a) Columns bases and stems	m ³	3	6,093	2,561	18,279	7,683	quotation
Furnish, place, compact and cure cement concrete grade 25 above ground floor level in:								
SR 2-901	a) Columns, walls and stair case	m ³	70	6,282	2,641	439,740	184,870	quotation
SR 2-902	b) Slabs beams & lintels	m ³	27	6,356	2,672	171,612	72,144	quotation
Total of page BOQ - 457 to SR 2 Bill Summary						747,285	314,099	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-903	c) Portal frames and roof beams Formwork Furnish, fabricate, erect and strike formwork to concrete below ground floor level to:	m ³	4	6,750	2,837	27,000	11,348	quotation
SR 2-904	a) Column bases and stems Furnish, fabricate, erect and strike formwork to concrete above ground floor level to:	m ²	10	450	189	4,500	1,890	quotation
SR 2-905	a) Columns, walls and stair case	m ²	279	506	212	141,174	59,148	quotation
SR 2-906	b) Slabs beams & lintels	m ²	153	506	212	77,418	32,436	quotation
SR 2-907	c) Portal frames and roof beams Reinforcement	m ²	18	562	236	10,116	4,248	quotation
SR 2-908	Furnish, fabricate, place and tie mild steel reinforcing rounds 250N/mm ² including binding wire, cover and spacer blocks complete	Kg	371	49	20	18,179	7,420	quotation
SR 2-909	Furnish, fabricate, place and tie medium grade ribbed or deformed steel/Lanka ribbed tor steel 460N/mm ² including binding wire, cover and spacer blocks complete Miscellaneous	kg	6,345	50	21	317,250	133,245	quotation
Total of page BOQ - 458 to SR 2 Bill Summary						595,637	249,735	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-910	Construction Of RCC Manhole as per detail drawing a) MH-10 (600mm x 600mm)	Nr	1	5,625	2,364	5,625	2,364	quotation
SR 2-911	Construction of RCC power floated steps 500mm wide as per detail drawing. Rate shall include for R/F & form work etc. Forming undercounter vanity basin top of the sizes specified hereinunder as per detail drawing. Rate shall include for concrete, reinforcement, formwork and granite finish.	m	3	1,687	709	5,061	2,127	quotation
SR 2-912	a) Vanity counter of size 1900 x 600mm	Nr	1	4,837	2,033	4,837	2,033	quotation
<u>Masonry Work</u>								
SR 2-913	Random rubble masonry in cement and sand 1:5 above using 150mm to 225mm size broken stone in foundations.	m ³	4	2,559	1,075	10,236	4,300	quotation
SR 2-914	One brick (225mm thick) walls in cement and sand 1:5 above ground floor level	m ²	203	834	350	169,302	71,050	quotation
SR 2-915	Half brick (115mm thick) walls in cement and sand 1:5 above ground floor level	m ²	23	517	217	11,891	4,991	quotation
<u>Water Roofing</u>								
SR 2-916	Provide vapour barrier comprising 1000g poly-ethylene membrane on top of compacted and prepared fill under floors. All joints shall be lapped at least 150mm	m ²	54	39	16	2,106	864	quotation
<u>Structural Metal Work</u>								
Total of page BOQ - 459 to SR 2 Bill Summary						209,058	87,729	

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BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-917	<p>Rate shall include for treating with two coats of anticorrosive paint where necessary.</p> <p>Rate shall include for all fabrication work, including cutting, drilling, bolting, riveting, welding, grinding delivering, unloading, hoisting, erecting and fixing.</p> <p>Rate shall include for all plates, cleats, rag bolts, reverts, nuts and bolts, washers etc.</p> <p>Fabricating and erecting framed structures.</p> <p>Galvanized "C" channel purlin of size 150 x 50 x 6mm thick fixed to portal frame as per detail drawings.</p>	m	126	686	288	86,436	36,288	quotation
SR 2-918	<p>Hoist rail as per detail drawing.</p>	m	11	5,062	2,128	55,682	23,408	quotation
SR 2-919	<p><u>Metal Work</u></p> <p>Rate shall include for all necessary fixing, fittings, iron mongery of approved quality as per specifications and ironmongery schedule and drawings</p> <p>All aluminium sections to be powder coated and glazing to be 5mm thick clear float glass. Sashes to be 5mm thick PVC coated plywood panels or gauge 20 colour bonded aluminium sheets as specified.</p> <p><u>A- Aluminium Doors</u></p> <p>Door type D1 size 900mm x 2100mm Aluminium framed 20 gauge colour bonded Aluminium sheet with 5mm thick plywood backing single sash door</p>	Nr	1	14,870	6,251	14,870	6,251	quotation
Total of page BOQ - 460 to SR 2 Bill Summary						156,988	65,947	

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BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-920	Door type D2 size 900mm x 2100mm aluminium framed 3mm thick PVC coated plywood sheet (both sides) and 5mm thick clear float glass single sash door	Nr	2	14,870	6,251	29,740	12,502	quotation
SR 2-921	Door type D3 size 800mm x 2100mm aluminium framed 5mm thick PVC coated plywood sheet both sides single sash door.	Nr	2	14,870	6,251	29,740	12,502	quotation
SR 2-922	Door type D4 size 2000mm x 3800mm steel framed 20 gauge colour bonded Zn/Al sheet with 5mm thick louver above.	Nr	4	45,634	19,185	182,536	76,740	quotation
<u>B- Aluminium Windows</u>								
SR 2-923	Window type W1 size 600mm x 1400mm alluminium framed 5mm thick clear float glass three sash windows with fixed alluminium louvers panels below.	Nr	4	5,943	2,498	23,772	9,992	quotation
SR 2-924	Window type W2 size 900mm x 1500mm alluminium framed 5mm thick clear float glass single sash fixed window.	Nr	5	11,461	4,818	57,305	24,090	quotation
SR 2-925	Window type W3 size 900mm x 900mm alluminium framed 5mm thick clear float glass single sash top hung window with fixed aluminium louver panels below.	Nr	2	5,730	2,409	11,460	4,818	quotation
Total of page BOQ - 461 to SR 2 Bill Summary						334,553	140,644	

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BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-926	Partition type P1 size 4000mm x 2850mm alluminium framed partition with 5mm thick PVC coated plywood sheet (both side) and 5mm thick clear float glass with door (900mm wide door).	Nr	1	32,042	13,471	32,042	13,471	quotation
	<u>Wood Work</u>							
SR 2-927	Furnish, fabricate and install 25mm x 300mm hardwood valance board. Rate shall include for apply one coat of Aluminium sealer and two coats of enamel paint, to and approved make and colour.	m	51	405	170	20,655	8,670	quotation
	<u>Roof Covering</u>							
SR 2-928	Supply & lay 2 layers of half round clay tile on corrugated asbestos roofing sheets including timber frame work as per detail drawing. Rate shall include for "J"bolts, nuts, sealing washers etc.	m ²	98	1,755	737	171,990	72,226	quotation
SR 2-929	Furnish and fix ridge/hip tile including mortar. Rate shall include for laying 300mm wide tar sheet.	m	10	405	170	4,050	1,700	quotation
SR 2-930	Furnish and lay double sided sisilation foil over a BRC mesh as per detail drawing	m ²	98	241	101	23,618	9,898	quotation
	<u>Roof Plumbing</u>							
SR 2-931	Furnish and install 50mm x 70mm Zn/Aluminium down pipes. Rate to include all necessary accessories such as brackets, joints, offsets, down spout heads, bends,	m	25	3,937	1,655	98,425	41,375	quotation
SR 2-932	Furnish and install 470mm girth Zn/Aluminium gutter complete with brackets, end caps, running heads and fixing clips etc.	m	45	2,812	1,182	126,540	53,190	quotation
	<u>Q - Plumbing/Sanitary Installations</u>							
Total of page BOQ - 462 to SR 2 Bill Summary						477,320	200,530	

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BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>A- Cold Water Supply System</u>							
	Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary.							
	Furnish, lay and joint UPVC pipes type T "1000". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.							
SR 2-933	Nominal 20mm dia.pipes	m	6	168	70	1,008	420	quotation
SR 2-934	Nominal 25mm dia.pipes	m	7	253	106	1,771	742	quotation
	Furnish and install pipe fixtures and fittings and connect to perfect working order							
SR 2-935	a) Chromium plated 20mm dia brass angle valve	Nr	3	1,068	449	3,204	1,347	quotation
SR 2-936	b) Chromium plated 25mm dia. brass stop valve	Nr	1	1,518	638	1,518	638	quotation
	<u>B- Sanitary Installations</u>							
	Furnish, deliver and install sanitary fixtures, fittings and accessories as per schedule and detailed hereunder and connect to perfect working order.							
Total of page BOQ - 463 to SR 2 Bill Summary						7,501	3,147	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-937	a) Under counter vanity wash basin with chromium plated brass pillar tap, waste plugs, chain waste and bottle trap all complete to working order	Nr	1	16,875	7,094	16,875	7,094	quotation
SR 2-938	b) Closed couple low level washdown water closet complete with 9 litre capacity flushing cistern, pedestal seat and cover, "S" traps, connector etc all complete to working order	Nr	1	20,250	8,513	20,250	8,513	quotation
SR 2-939	c) Chromium plated brass hand spray	Nr	1	1,687	709	1,687	709	quotation
SR 2-940	d) 20mm dia. Chromium plated brass bib tap.	Nr	1	843	354	843	354	quotation
SR 2-941	e) 300mm long Flexible hose "fixnol" or approved equivalent for 20mm pipes.	Nr	3	1,068	449	3,204	1,347	quotation
SR 2-942	f) Chromium plated toilet paper holder	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-943	g) Chromium plated brass soap holder	Nr	1	1,125	472	1,125	472	quotation
SR 2-944	h) Bevelled edge frameless mirror 400mmx600mm	Nr	1	2,812	1,182	2,812	1,182	quotation
SR 2-945	i) Chromium plated towel rail 600mm long	Nr	1	1,687	709	1,687	709	quotation
SR 2-946	Test and Commission Water Supply System	Item	Sum	10,125	4,256	10,125	4,256	quotation
	<u>Wall/Floor/ Ceiling Finishes</u>							
Total of page BOQ - 464 to SR 2 Bill Summary						61,420	25,818	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-947	Power floated smooth concrete floor finished with 5mm thick heavy duty, chemical resistant self leveling epoxy screed.	m ²	42	483	203	20,286	8,526	quotation
SR 2-948	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 300mmx300mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	61	3,442	1,447	209,962	88,267	quotation
SR 2-949	Furnish and fix homogeneous floor tiles, nonslip matt finish and to size 200mmx200mm over a 20mm thick bed of cement and sand 1:3 and fill in joints with laticrete grout to match the colour of the tiles.	m ²	3	3,110	1,307	9,330	3,921	quotation
SR 2-950	Furnish and fix glazed ceramic wall tiles of size 200mm x 200mm over a 16mm thick bed of cement and sand 1:3 and fill in joints with grout of matching colour.	m ²	8	1,210	508	9,680	4,064	quotation
SR 2-951	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished smooth with neat cement float & applied with two coats of epoxy paint.	m ²	39	387	162	15,093	6,318	quotation
SR 2-952	Plaster 16mm thick in cement and sand 1:5 to internal faces of walls and columns and finished with 2-3mm thick skim coat (Magna or equivalent to architect's approval)	m ²	245	508	213	124,460	52,185	quotation
SR 2-953	Plaster 16mm thick to external faces of walls, beams, columns and portal frames in cement, lime and sand 1:1:5 and finished semi rough.	m ²	242	205	86	49,610	20,812	quotation
SR 2-954	Plaster sides and soffits of slabs and beams with 5mm thick skim coat after grooving and levelling any visible joints (Magna or equivalent to architect's approval).	m ²	93	362	152	33,666	14,136	quotation
Total of page BOQ - 465 to SR 2 Bill Summary						472,087	198,229	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-955	Plaster 20mm thick in cement and sand 1:3 to plinth and finished smooth with a floating of grey cement.	m ²	17	302	126	5,134	2,142	quotation
SR 2-956	Provide skirting in 300 x 300 mm homogeneous floor tiles non slip matt finish 100mm high to walls over 16mm thick bedding of cement and sand 1:3 and fill in joints with grout of matching colour	m	68	344	144	23,392	9,792	quotation
SR 2-957	Furnish and fix 6mm thick Asbestos free fibre cement board flat ceiling fixed to suspended G.I. frame work as per detail drawing	m ²	53	1,149	483	60,897	25,599	quotation
SR 2-958	Furnish and fix 6mm thick Asbestos free fibre cement board sloping eave ceiling fixed to steel frame work and steel purlins as per detail drawing	m ²	48	1,089	457	52,272	21,936	quotation
SR 2-959	Forming 16mm thick "V" groove as per detail drawing.	m	45	28	11	1,260	495	quotation
	Painting							
SR 2-960	Prepare internal walls, columns, beams and slab surfaces, painted with one coat of an approved primer and two coats of emulsion paint an approved make and colour	m ²	339	180	75	61,020	25,425	quotation
SR 2-961	Prepare underside of asbestos free fibre cement sheet flat ceiling painted with two coats of emulsion paint an approved make and colour	m ²	53	191	80	10,123	4,240	quotation
SR 2-962	Prepare external faces of walls and columns painted with one coat of an approved primer and two coats of weathershield emulsion paint an approved make and colour.	m ²	242	204	85	49,368	20,570	quotation
Total of page BOQ - 466 to SR 2 Bill Summary						263,466	110,199	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 2-963	Prepare underside of asbestos free fibre cement board sloping ceiling at eaves, painted with two coats of weathershield emulsion paint an approved make and colour. <u>Water Drainage</u> Rate shall include for excavate trenches to lay pipes including necessary earthwork support, back filling, compacting, concrete beds, surrounds and the like where necessary. <u>A - Waste Water Disposal System</u> Furnish, lay and joint UPVC pipes type T "600". Rate to include all accessories and fittings except such items are listed seperately in the bill of quantities.	m ²	48	204	85	9,792	4,080	quotation
SR 2-964	a) Nominal 110mm dia. pipes	m	11	1,237	520	13,607	5,720	quotation
SR 2-965	b) Nominal 40mm dia. pipes	m	6	281	118	1,686	708	quotation
	Furnish and install UPVC type T "600" pipe fixtures and fittings and connect to perfect working order.							
SR 2-966	a) 110mm x 50mm swept junction	Nr	1	843	354	843	354	quotation
SR 2-967	b) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-968	c) 110mm dia. Media plain "Y" junction	Nr	2	1,350	567	2,700	1,134	quotation
Total of page BOQ - 467 to SR 2 Bill Summary						29,752	12,468	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Furnish and install pipe ancillaries and connect to perfect working order							
SR 2-969	150mm x 150mm PVC trapped floor gully 50mm sealed depth as per detail drawing	Nr	2	1,125	472	2,250	944	quotation
	<u>B - Sewerage Disposal System</u>							
	Furnish, lay and joint UPVC pipes type T "600"; Rate to include all accessories and fittings except such items are listed separately in the Bill of Quantities.							
SR 2-970	a) Nominal 110mm dia. pipes	m	12	1,237	520	14,844	6,240	quotation
	Furnish and install UPVC type T "600" fittings and fixtures connect to perfect working order.							
SR 2-971	a) 110mm dia. Plain Y Junction	Nr	1	1,350	567	1,350	567	quotation
SR 2-972	b) 110mm dia. short bend 87.5 ⁰	Nr	2	562	236	1,124	472	quotation
SR 2-973	c) 110mm dia. Plain Y junction with back door	Nr	1	1,687	709	1,687	709	quotation
SR 2-974	Construct Inspection Chamber 450mm x 450mm in cement concrete as per Standard Detail Drawing.	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-975	Construct septic tank for 10 persons as per standard detail drawing.	Nr	1	16,875	7,094	16,875	7,094	quotation
SR 2-976	Construct soakage pit for 10 persons as per standard detail drawing	Nr	2	8,437	3,547	16,874	7,094	quotation
SR 2-977	Test and commission waste water and Sewerage Disposal System	Item	Sum	25,312	10,641	25,312	17,188	quotation
Total of page BOQ - 468 to SR 2 Bill Summary						25,312	47,402	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 2: Construction of Service Reservoir

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Architectural Equipment</u>							
SR 2-978	Supply all small power and lighting complete	Item	Sum	123,750	52,027	123,750	52,027	quotation
SR 2-979	Supply all telephone complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2-980	Supply all yard lighting complete	Item	Sum	36,000	15,135	36,000	15,135	quotation
SR 2-981	Supply all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
SR 2-982	Install all small power and lighting complete	Item	Sum	54,000	22,702	54,000	22,702	quotation
SR 2-983	Install all telephone complete	Item	Sum	56,250	23,648	56,250	23,648	quotation
SR 2-984	Install all yard lighting complete	Item	Sum	9,000	3,783	9,000	3,783	quotation
SR 2-985	Install all lightning protection complete	Item	Sum	22,500	9,459	22,500	9,459	quotation
Total of page BOQ - 469 to SR 2 Bill Summary						346,500	145,672	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	Supply and Delivery at site all DI pipes and fittings including rubber rings, lubricant, gaskets, bolts & nuts, Denso primer, paste, protection tape and all other associated material required for complete installation									
	DI pipes shall be of T-type. All Flanges shall be of PN 10.									
	Kurugoda as depicted in drawing No.30-C-01									
SR 3 - 1	Flanged Bellmouth, dia 300 mm	Nr	2	4,887	17,761	4,856	9,774	35,522	9,712	quotation
SR 3 - 2	Flanged Bellmouth, dia 350 mm	Nr	2	6,074	22,072	6,035	12,148	44,144	12,070	quotation
SR 3 - 3	Double Flanged Piece, dia 150, L=500mm	Nr	1	2,308	8,390	2,294	2,308	8,390	2,294	quotation
SR 3 - 4	Double Flanged Piece, dia 150, L=890mm	Nr	1	4,109	14,934	4,083	4,109	14,934	4,083	quotation
SR 3 - 5	Double Flanged Piece, dia 150, L=1,060mm	Nr	1	4,894	17,787	4,863	4,894	17,787	4,863	quotation
SR 3 - 6	Double Flanged Piece, dia 150, L=1,900mm	Nr	2	8,774	31,883	8,717	17,548	63,766	17,434	quotation
SR 3 - 7	Double Flanged Piece, dia 150, L=2,200mm	Nr	1	10,159	36,917	10,094	10,159	36,917	10,094	quotation
SR 3 - 8	Double Flanged Piece, dia 150, L=2,640mm	Nr	1	12,191	44,300	12,112	12,191	44,300	12,112	quotation
SR 3 - 9	Double Flanged Piece, dia 150, L=5,000mm	Nr	1	23,089	83,902	22,940	23,089	83,902	22,940	quotation
SR 3- 10	Double Flanged Piece, dia 200, L=700mm	Nr	1	4,546	16,519	4,516	4,546	16,519	4,516	quotation
SR 3- 11	Double Flanged Piece, dia 200, L=850mm	Nr	1	5,520	20,059	5,484	5,520	20,059	5,484	quotation
SR 3- 12	Double Flanged Piece, dia 200, L=980mm	Nr	1	6,364	23,127	6,323	6,364	23,127	6,323	quotation
SR 3- 13	Double Flanged Piece, dia 250, L=840mm	Nr	1	7,305	26,545	7,258	7,305	26,545	7,258	quotation
SR 3- 14	Double Flanged Piece, dia 300, L=1,650mm	Nr	1	18,676	67,865	18,556	18,676	67,865	18,556	quotation
SR 3- 15	Double Flanged Piece, dia 350, L=850mm	Nr	1	11,594	42,133	11,520	11,594	42,133	11,520	quotation
SR 3- 16	Double Flanged Piece, dia 350, L=1,575mm	Nr	1	21,484	78,070	21,346	21,484	78,070	21,346	quotation
SR 3- 17	Double Flanged Piece, dia 350, L=2,680mm	Nr	1	36,558	132,844	36,322	36,558	132,844	36,322	quotation
Total of page BOQ - 470 to SR 3 Bill Summary							208,267	756,824	206,927	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3- 18	Double Flanged Piece, dia 350, L=4,680mm	Nr	2	63,841	231,982	63,429	127,682	463,964	126,858	quotation
SR 3- 19	Double Flanged Piece, dia 350, L=5,000mm	Nr	1	68,206	247,844	67,766	68,206	247,844	67,766	quotation
SR 3- 20	Double Flanged Piece with Puddle, dia 150, L=600mm	Nr	2	2,915	10,595	2,896	5,830	21,190	5,792	quotation
SR 3- 21	Double Flanged Piece with Puddle, dia 150, L=700mm	Nr	2	3,401	12,360	3,379	6,802	24,720	6,758	quotation
SR 3- 22	Double Flanged Piece with Puddle, dia 250, L=850mm	Nr	1	7,773	28,247	7,723	7,773	28,247	7,723	quotation
SR 3- 23	Double Flanged Piece with Puddle, dia 300, L=1,000mm	Nr	2	11,703	42,527	11,627	23,406	85,054	23,254	quotation
SR 3- 24	Double Flanged Piece with Puddle, dia 350, L=1,240mm	Nr	2	17,728	64,420	17,614	35,456	128,840	35,228	quotation
SR 3- 25	Flanged Spigot Piece with Puddle, dia 350, L=830mm	Nr	2	11,250	40,882	11,178	22,500	81,764	22,356	quotation
SR 3- 26	Flanged Spigot Piece with Puddle, dia 350, L=1485mm	Nr	2	20,129	73,145	19,999	40,258	146,290	39,998	quotation
SR 3- 27	Double Flanged 90 degree Bend, dia 150 mm	Nr	6	3,736	13,577	3,712	22,416	81,462	22,272	quotation
SR 3- 28	Double Flanged 90 degree Bend, dia 300 mm	Nr	1	11,797	42,869	11,721	11,797	42,869	11,721	quotation
SR 3- 29	Double Flanged 90 degree Bend, dia 350 mm	Nr	3	15,168	55,119	15,070	45,504	165,357	45,210	quotation
SR 3- 30	Double Flanged 90 degree Duckfoot Bend, dia 150 mm	Nr	1	4,110	14,935	4,083	4,110	14,935	4,083	quotation
SR 3- 31	Double Flanged 90 degree Duckfoot Bend, dia 350 mm	Nr	2	16,685	60,631	16,578	33,370	121,262	33,156	quotation
SR 3- 32	Plain Ends Piece, dia 350, L=1,150mm	Nr	1	13,579	49,346	13,492	13,579	49,346	13,492	quotation
SR 3- 33	All Flanged 150 x 100 Tee	Nr	2	5,301	19,266	5,267	10,602	38,532	10,534	quotation
SR 3- 34	All Flanged 150 x 150 Tee	Nr	1	5,958	21,653	5,920	5,958	21,653	5,920	quotation
SR 3- 35	All Flanged 200 x 200 Tee	Nr	1	8,687	31,569	8,631	8,687	31,569	8,631	quotation
SR 3- 36	All Flanged 300 x 300 Tee	Nr	1	19,251	69,954	19,127	19,251	69,954	19,127	quotation
SR 3- 37	All Flanged 350 x 350 Tee	Nr	3	23,836	86,616	23,683	71,508	259,848	71,049	quotation
SR 3- 38	Double Flanged 200 x 150 Taper	Nr	1	4,071	14,793	4,044	4,071	14,793	4,044	quotation
SR 3- 39	Dobule Flanged 250 x 200 Taper	Nr	1	5,540	20,131	5,504	5,540	20,131	5,504	quotation
SR 3- 40	Dobule Flanged 300 x 200 Taper	Nr	1	8,744	31,775	8,688	8,744	31,775	8,688	quotation
SR 3- 41	Double Flanged 350 x 200 Taper	Nr	1	10,290	37,392	10,223	10,290	37,392	10,223	quotation
Total of page BOQ - 471 to SR 3 Bill Summary							613,340	2,228,791	609,387	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3- 42	Flange Adapter, dia 150 mm	Nr	6	3,203	11,640	3,182	19,218	69,840	19,092	quotation
SR 3- 43	Flange Adapter, dia 200 mm	Nr	3	4,223	15,348	4,196	12,669	46,044	12,588	quotation
SR 3- 44	Flange Adapter, dia 300 mm	Nr	3	7,389	26,851	7,341	22,167	80,553	22,023	quotation
SR 3- 45	Flange Adapter, dia 350 mm	Nr	6	9,668	35,132	9,606	58,008	210,792	57,636	quotation
SR 3- 46	Collar, dia 350 mm	Nr	1	13,073	47,507	12,989	13,073	47,507	12,989	quotation
	Akurana as depicted in drawing No.30-C-02									
SR 3- 47	Straight Pipe, dia 200, L=6,000mm	m	6	1,377	5,004	1,368	8,262	30,024	8,208	quotation
SR 3- 48	Double Flanged Piece, dia 150, L=750mm	Nr	1	3,463	12,585	3,441	3,463	12,585	3,441	quotation
SR 3- 49	Double Flanged Piece with Puddle, dia 200, L=800mm	Nr	2	5,443	19,782	5,408	10,886	39,564	10,816	quotation
SR 3- 50	Flanged Spigot Piece, dia 200, L=920mm	Nr	1	5,640	20,496	5,604	5,640	20,496	5,604	quotation
SR 3- 51	Flanged Spigot Piece, dia 200, L=2,550mm	Nr	2	15,634	56,810	15,533	31,268	113,620	31,066	quotation
SR 3- 52	Flanged Spigot Piece with Puddle, dia 200, L=790mm	Nr	1	5,088	18,491	5,055	5,088	18,491	5,055	quotation
SR 3- 53	Flanged Spigot Piece with Puddle, dia 200, L=1,000mm	Nr	1	6,441	23,407	6,400	6,441	23,407	6,400	quotation
SR 3- 54	Double Socket 11.25 degree Bend, dia 200 mm	Nr	1	4,136	15,030	4,109	4,136	15,030	4,109	quotation
SR 3- 55	Double Socket 22.5 degree Bend, dia 200 mm	Nr	1	4,445	16,153	4,416	4,445	16,153	4,416	quotation
SR 3- 56	Double Socket 45 degree Bend, dia 200 mm	Nr	2	4,943	17,965	4,912	9,886	35,930	9,824	quotation
SR 3- 57	Double Flanged 45 degree Bend, dia 200 mm	Nr	2	4,989	18,130	4,957	9,978	36,260	9,914	quotation
SR 3- 58	Double Flanged 200 x 150 Taprer	Nr	1	4,071	14,793	4,044	4,071	14,793	4,044	quotation
SR 3- 59	All Flanged 200 x 200 Tee	Nr	1	8,687	31,569	8,631	8,687	31,569	8,631	quotation
SR 3- 60	Flange Adapter, dia 150 mm	Nr	1	3,203	11,640	3,182	3,203	11,640	3,182	quotation
SR 3- 61	Flange Adapter, dia 200 mm	Nr	2	4,223	15,348	4,196	8,446	30,696	8,392	quotation
SR 3- 62	Connection Adaptor (PVC/DI), dia 200 mm	Nr	1	8,133	29,555	8,081	8,133	29,555	8,081	quotation
SR 3- 63	Collar, dia 200 mm	Nr	2	5,878	21,362	5,840	11,756	42,724	11,680	quotation
	Thelambugahawatta as depicted in drawing No.30-C-03									
SR 3- 64	Socket Plain End Piece, dia 200, L=500mm	Nr	2	171	625	170	342	1,250	340	quotation
Total of page BOQ - 472 to SR 3 Bill Summary							269,266	978,523	267,531	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3- 65	Double Flanged Piece, dia 200, L=600mm	Nr	2	3,896	14,159	3,871	7,792	28,318	7,742	quotation
SR 3- 66	Double Flanged Piece, dia 200, L=3.855mm	Nr	1	25,036	90,975	24,874	25,036	90,975	24,874	quotation
SR 3- 67	Double Flanged Piece, dia 250, L=750mm	Nr	1	6,522	23,701	6,480	6,522	23,701	6,480	quotation
SR 3- 68	Double Flanged Piece, dia 250, L=1,100mm	Nr	1	9,566	34,762	9,504	9,566	34,762	9,504	quotation
SR 3- 69	Double Flanged Piece, dia 250, L=1,200mm	Nr	1	10,436	37,922	10,368	10,436	37,922	10,368	quotation
SR 3- 70	Double Flanged Piece, dia 250, L=1,380mm	Nr	1	12,001	43,610	11,924	12,001	43,610	11,924	quotation
SR 3- 71	Double Flanged Piece, dia 250, L=2,050mm	Nr	1	17,828	64,784	17,713	17,828	64,784	17,713	quotation
SR 3- 72	Double Flanged Piece, dia 250, L=2,600mm	Nr	1	22,611	82,165	22,466	22,611	82,165	22,466	quotation
SR 3- 73	Double Flanged Piece, dia 250, L=3,070mm	Nr	1	26,699	97,018	26,527	26,699	97,018	26,527	quotation
SR 3- 74	Double Flanged Piece, dia 250, L=3,400mm	Nr	1	29,569	107,446	29,378	29,569	107,446	29,378	quotation
SR 3- 75	Double Flanged Piece, dia 250, L=3,460mm	Nr	1	30,090	109,342	29,896	30,090	109,342	29,896	quotation
SR 3- 76	Double Flanged Piece, dia 250, L=3,620mm	Nr	1	31,482	114,399	31,279	31,482	114,399	31,279	quotation
SR 3- 77	Double Flanged Piece, dia 250, L=4,600mm	Nr	1	40,005	145,369	39,747	40,005	145,369	39,747	quotation
SR 3- 78	Double Flanged Piece, dia 250, L=4,915mm	Nr	1	42,744	155,323	42,469	42,744	155,323	42,469	quotation
SR 3- 79	Double Flanged Piece, dia 250, L=5,000mm	Nr	1	43,484	158,009	43,203	43,484	158,009	43,203	quotation
SR 3- 80	Double Flanged 45 degree Bend, dia 200 mm	Nr	1	4,989	18,130	4,957	4,989	18,130	4,957	quotation
SR 3- 81	Double Flanged 90 degree Duckfoot Bend, dia 250 mm	Nr	4	9,471	34,418	9,410	37,884	137,672	37,640	quotation
SR 3- 82	All Flanged 200 x 200 Tee	Nr	1	8,687	31,569	8,631	8,687	31,569	8,631	quotation
SR 3- 83	All Flanged 250 x 250 Tee	Nr	2	13,988	50,830	13,898	27,976	101,660	27,796	quotation
SR 3- 84	Double Flanged 200 x 150 Taper	Nr	2	4,071	14,793	4,044	8,142	29,586	8,088	quotation
SR 3- 85	Double Flanged 250 x 150 Taper	Nr	1	6,632	24,102	6,590	6,632	24,102	6,590	quotation
SR 3- 86	Double Flanged 250 x 200 Taper	Nr	2	5,540	20,131	5,504	11,080	40,262	11,008	quotation
SR 3- 87	Double Flanged Piece with Puddle, dia 250, L=765mm	Nr	1	6,996	25,422	6,951	6,996	25,422	6,951	quotation
SR 3- 88	Double Flanged Piece with Puddle, dia 250, L=1,100mm	Nr	2	10,059	36,555	9,995	20,118	73,110	19,990	quotation
SR 3- 89	Double Flanged Piece with Puddle, dia 250, L=1,220mm	Nr	1	11,157	40,543	11,085	11,157	40,543	11,085	quotation
SR 3- 90	Double Flanged Piece with Puddle, dia 250, L=1,250mm	Nr	2	11,431	41,540	11,358	22,862	83,080	22,716	quotation
Total of page BOQ - 473 to SR 3 Bill Summary							522,388	1,898,279	519,022	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3- 91	Double Flanged Piece with Puddle, dia 250, L=1,530mm	Nr	1	13,992	50,845	13,902	13,992	50,845	13,902	quotation
SR 3- 92	Flanged Spigot Piece with Puddle, dia 250, L=850mm	Nr	1	7,337	26,661	7,289	7,337	26,661	7,289	quotation
SR 3- 93	Flanged Bellmouth, dia 250, L=185mm	Nr	2	3,641	13,234	3,618	7,282	26,468	7,236	quotation
SR 3- 94	Flange Adapter, dia 150 mm	Nr	1	3,203	11,640	3,182	3,203	11,640	3,182	quotation
SR 3- 95	Flange Adapter, dia 200 mm	Nr	3	4,223	15,348	4,196	12,669	46,044	12,588	quotation
SR 3- 96	Flange Adapter, dia 250 mm	Nr	1	5,637	20,484	5,600	5,637	20,484	5,600	quotation
	Kahawatta as depicted in drawing No.30-C-04									
SR 3- 97	Plain Ends Piece, dia 300, L=1,000mm	Nr	1	9,548	34,695	9,486	9,548	34,695	9,486	quotation
SR 3- 98	Double Flanged Piece, dia 200, L=1,100mm	Nr	1	7,143	25,959	7,097	7,143	25,959	7,097	quotation
SR 3- 99	Double Flanged Piece, dia 200, L=1,560mm	Nr	1	10,131	36,815	10,066	10,131	36,815	10,066	quotation
SR 3- 100	Double Flanged Piece, dia 300, L=1,500mm	Nr	1	16,675	60,593	16,567	16,675	60,593	16,567	quotation
SR 3- 101	Double Flanged Piece, dia 300, L=1,755mm	Nr	1	19,509	70,894	19,384	19,509	70,894	19,384	quotation
SR 3- 102	Double Flanged Piece, dia 300, L=2,340mm	Nr	1	26,013	94,526	25,845	26,013	94,526	25,845	quotation
SR 3- 103	Double Flanged Piece, dia 300, L=2,420mm	Nr	1	26,902	97,758	26,729	26,902	97,758	26,729	quotation
SR 3- 104	Double Flanged Piece, dia 300, L=3,800mm	Nr	1	42,244	153,504	41,971	42,244	153,504	41,971	quotation
SR 3- 105	Double Flanged Piece, dia 300, L=5,000mm	Nr	2	55,584	201,979	55,226	111,168	403,958	110,452	quotation
SR 3- 106	Double Flanged Piece, dia 400, L=1,190mm	Nr	1	19,750	71,769	19,623	19,750	71,769	19,623	quotation
SR 3- 107	Double Flanged Piece, dia 400, L=1,350mm	Nr	1	22,406	81,419	22,262	22,406	81,419	22,262	quotation
SR 3- 108	Double Flanged Piece, dia 400, L=1,500mm	Nr	2	24,896	90,466	24,735	49,792	180,932	49,470	quotation
SR 3- 109	Double Flanged Piece, dia 500, L=1,500mm	Nr	1	34,585	125,675	34,362	34,585	125,675	34,362	quotation
SR 3- 110	Double Flanged Piece, dia 500, L=1,840mm	Nr	1	42,425	154,161	42,151	42,425	154,161	42,151	quotation
SR 3- 111	Double Flanged Piece, dia 500, L=2,050mm	Nr	1	47,267	171,756	46,962	47,267	171,756	46,962	quotation
SR 3- 112	Double Flanged Piece, dia 500, L=2,090mm	Nr	1	48,189	175,107	47,878	48,189	175,107	47,878	quotation
SR 3- 113	Double Flanged Piece, dia 500, L=2,200mm	Nr	1	50,725	184,323	50,398	50,725	184,323	50,398	quotation
SR 3- 114	Double Flanged Piece, dia 500, L=2,360mm	Nr	1	54,414	197,729	54,064	54,414	197,729	54,064	quotation
Total of page BOQ - 474 to SR 3 Bill Summary							689,006	2,503,715	684,564	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3- 115	Double Flanged Piece, dia 500, L=3,800mm	Nr	1	87,617	318,377	87,052	87,617	318,377	87,052	quotation
SR 3- 116	Double Flanged Piece, dia 500, L=5,000mm	Nr	4	115,285	418,917	114,542	461,140	1,675,668	458,168	quotation
SR 3- 117	Double Flanged Piece with Puddle, dia 300, L=745mm	Nr	2	8,719	31,683	8,662	17,438	63,366	17,324	quotation
SR 3- 118	Double Flanged Piece with Puddle, dia 300, L=1,400mm	Nr	1	16,385	59,539	16,279	16,385	59,539	16,279	quotation
SR 3- 119	Double Flanged Piece with Puddle, dia 500, L=1,100mm	Nr	1	26,653	96,852	26,481	26,653	96,852	26,481	quotation
SR 3- 120	Double Flanged Piece with Puddle, dia 500, L=1,250mm	Nr	1	30,288	110,059	30,092	30,288	110,059	30,092	quotation
SR 3- 121	Double Flanged Piece with Puddle, dia 500, L=1,400mm	Nr	1	33,922	123,266	33,704	33,922	123,266	33,704	quotation
SR 3- 122	Double Flanged Piece with Puddle, dia 500, L=1,825mm	Nr	1	44,220	160,686	43,935	44,220	160,686	43,935	quotation
SR 3- 123	Flanged Spigot Piece, dia 300, L=1000mm	Nr	2	1,734	6,303	1,723	3,468	12,606	3,446	quotation
SR 3- 124	Flanged Spigot Piece, dia 500, L=850mm	Nr	1	18,373	66,763	18,254	18,373	66,763	18,254	quotation
SR 3- 125	Flanged Spigot Piece, dia 500, L=1,000mm	Nr	1	21,615	78,545	21,476	21,615	78,545	21,476	quotation
SR 3- 126	Flanged Spigot Piece, dia 500, L=2000mm	Nr	1	43,231	157,090	42,952	43,231	157,090	42,952	quotation
SR 3- 127	Double Flanged 90 degree Bend, dia 300 mm	Nr	3	11,797	42,869	11,721	35,391	128,607	35,163	quotation
SR 3- 128	Double Flanged 90 degree Bend, dia 400 mm	Nr	1	20,040	72,822	19,911	20,040	72,822	19,911	quotation
SR 3- 129	Double Flanged 90 degree Duckfoot Bend, dia 300 mm	Nr	3	12,977	47,156	12,893	38,931	141,468	38,679	quotation
SR 3- 130	Double Flanged 90 degree Duckfoot Bend, dia 400 mm	Nr	1	22,044	80,104	21,902	22,044	80,104	21,902	quotation
SR 3- 131	Double Flanged 90 degree Duckfoot Bend, dia 500 mm	Nr	3	38,091	138,413	37,845	114,273	415,239	113,535	quotation
SR 3- 132	Flanged Bellmouth, dia 300, L=205mm	Nr	3	4,887	17,761	4,856	14,661	53,283	14,568	quotation
SR 3- 133	Flanged Bellmouth, dia 500, L=275mm	Nr	1	12,007	43,631	11,929	12,007	43,631	11,929	quotation
SR 3- 134	All Flanged 300 x 100 Tee with 13 mm cock	Nr	1	15,446	56,130	15,347	15,446	56,130	15,347	quotation
SR 3- 135	All Flanged 300 x 300 Tee	Nr	1	19,251	69,954	19,127	19,251	69,954	19,127	quotation
SR 3- 136	All Flanged 400 x 400 Tee	Nr	1	30,191	109,706	29,996	30,191	109,706	29,996	quotation
SR 3- 137	All Flanged 500 x 100 Tee with 13 mm cock	Nr	1	36,026	130,910	35,794	36,026	130,910	35,794	quotation
SR 3- 138	All Flanged 500 x 500 Tee	Nr	1	44,755	162,628	44,466	44,755	162,628	44,466	quotation
Total of page BOQ - 475 to SR 3 Bill Summary							1,207,366	4,387,299	1,199,580	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3- 139	Dobule Flanged 300 x 200 Taper	Nr	2	8,744	31,775	8,688	17,488	63,550	17,376	quotation
SR 3- 140	Double Flanged 500 x 300 Taper	Nr	1	18,878	68,600	18,757	18,878	68,600	18,757	quotation
SR 3- 141	Dobule Flanged 500 x 400 Taper	Nr	2	20,136	73,169	20,006	40,272	146,338	40,012	quotation
SR 3- 142	Double Flanged Flexible Expansion Joint, dia 300 mm	Nr	1	88,628	322,053	88,057	88,628	322,053	88,057	quotation
SR 3- 143	Double Flanged Flexible Expansion Joint, dia 500 mm	Nr	1	162,034	588,790	160,990	162,034	588,790	160,990	quotation
SR 3- 144	Flange Adapter, dia 200 mm	Nr	2	4,223	15,348	4,196	8,446	30,696	8,392	quotation
SR 3- 145	Flange Adapter, dia 300 mm	Nr	3	7,389	26,851	7,341	22,167	80,553	22,023	quotation
SR 3- 146	Flange Adapter, dia 350 mm	Nr	1	9,668	35,132	9,606	9,668	35,132	9,606	quotation
SR 3- 147	Flange Adapter, dia 400 mm	Nr	2	11,258	40,910	11,185	22,516	81,820	22,370	quotation
SR 3- 148	Flange Adapter, dia 500 mm	Nr	3	16,163	58,734	16,059	48,489	176,202	48,177	quotation
	Extra over for Overflow/Drainage pipe									
SR 3-149	Straight Pipe, dia 500, L=6,000mm	m	128	4,978	18,090	4,946	637,184	2,315,520	633,088	quotation
SR 3-150	Double Socket 45 degree Bend, dia 500 mm	Nr	1	22,799	82,847	22,652	22,799	82,847	22,652	quotation
SR 3-151	Double Socket 22.5 degree Bend, dia 500 mm	Nr	5	18,654	67,784	18,533	93,270	338,920	92,665	quotation
SR 3-152	Double Socket 11.25 degree Bend, dia 500 mm	Nr	7	16,388	59,552	16,283	114,716	416,864	113,981	quotation
SR 3-153	Connection Adaptor (DI/HP), dia 500 mm (PN10)	Nr	1	24,810	90,155	24,650	24,810	90,155	24,650	quotation
	Kahalla as depicted in drawing No.30-C-05									
SR 3-154	Straight Pipe, dia 200, L=6,000mm	m	42	1,377	5,004	1,368	57,834	210,168	57,456	quotation
SR 3-155	Straight Pipe, dia 300, L=6,000mm	m	12	2,319	8,427	2,304	27,828	101,124	27,648	quotation
SR 3-156	Double Flanged Piece, dia 150, length 1220 mm	Nr	1	5,633	20,472	5,597	5,633	20,472	5,597	quotation
SR 3-157	Double Flanged Piece, dia 200, length 410 mm	Nr	1	2,662	9,675	2,645	2,662	9,675	2,645	quotation
SR 3-158	Double Flanged Piece, dia 200, length 500 mm	Nr	2	3,247	11,799	3,226	6,494	23,598	6,452	quotation
SR 3-159	Double Flanged Piece, dia 200, length 600 mm	Nr	1	3,896	14,159	3,871	3,896	14,159	3,871	quotation
Total of page BOQ - 476 to SR 3 Bill Summary							1,435,712	5,217,236	1,426,465	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-160	Double Flanged Piece, dia 200, length 820 mm	Nr	1	5,325	19,351	5,291	5,325	19,351	5,291	quotation
SR 3-161	Double Flanged Piece, dia 200, length 880 mm	Nr	2	5,715	20,767	5,678	11,430	41,534	11,356	quotation
SR 3-162	Double Flanged Piece, dia 200, length 1190 mm	Nr	1	7,728	28,083	7,678	7,728	28,083	7,678	quotation
SR 3-163	Double Flanged Piece, dia 200, length 1290 mm	Nr	1	8,377	30,443	8,323	8,377	30,443	8,323	quotation
SR 3-164	Double Flanged Piece, dia 200, length 1500 mm	Nr	5	9,741	35,399	9,679	48,705	176,995	48,395	quotation
SR 3-165	Double Flanged Piece, dia 200, length 1640 mm	Nr	1	10,651	38,703	10,582	10,651	38,703	10,582	quotation
SR 3-166	Double Flanged Piece, dia 200, length 1740 mm	Nr	1	11,300	41,062	11,227	11,300	41,062	11,227	quotation
SR 3-167	Double Flanged Piece, dia 200, length 2030 mm	Nr	1	13,183	47,906	13,098	13,183	47,906	13,098	quotation
SR 3-168	Double Flanged Piece, dia 200, length 2870 mm	Nr	1	18,639	67,730	18,519	18,639	67,730	18,519	quotation
SR 3-169	Double Flanged Piece, dia 200, length 3050 mm	Nr	1	19,808	71,978	19,680	19,808	71,978	19,680	quotation
SR 3-170	Double Flanged Piece, dia 200, length 4250 mm	Nr	5	27,601	100,297	27,423	138,005	501,485	137,115	quotation
SR 3-171	Double Flanged Piece, dia 300, length 2410 mm	Nr	1	26,791	97,354	26,619	26,791	97,354	26,619	quotation
SR 3-172	Double Flanged Piece, dia 300, length 2550 mm	Nr	1	28,348	103,009	28,165	28,348	103,009	28,165	quotation
SR 3-173	Double Flanged Piece, dia 300, length 4250 mm	Nr	2	47,246	171,682	46,942	94,492	343,364	93,884	quotation
SR 3-174	Double Flanged Piece with Puddle, dia 200, length 1050 mm	Nr	2	7,145	25,964	7,099	14,290	51,928	14,198	quotation
SR 3-175	Double Flanged Piece with Puddle, dia 200, length 1150 mm	Nr	1	7,825	28,437	7,775	7,825	28,437	7,775	quotation
SR 3-176	Double Flanged Piece with Puddle, dia 200, length 1450 mm	Nr	1	9,867	35,855	9,803	9,867	35,855	9,803	quotation
SR 3-177	Double Flanged Piece with Puddle, dia 300, length 745 mm	Nr	1	8,719	31,683	8,662	8,719	31,683	8,662	quotation
SR 3-178	Double Flanged Piece with Puddle, dia 300, length 1150 mm	Nr	1	13,459	48,907	13,372	13,459	48,907	13,372	quotation
SR 3-179	Flanged Spigot Piece, dia 200, length 1000 mm	Nr	1	6,130	22,278	6,091	6,130	22,278	6,091	quotation
SR 3-180	Flanged Spigot Piece, dia 200, length 1150 mm	Nr	1	7,050	25,620	7,005	7,050	25,620	7,005	quotation
SR 3-181	Flanged Spigot Piece, dia 300, length 1000 mm	Nr	1	10,456	37,997	10,389	10,456	37,997	10,389	quotation
SR 3-182	Flanged Spigot Piece with Puddle, dia 200, length 850 mm	Nr	1	5,475	19,896	5,440	5,475	19,896	5,440	quotation
SR 3-183	Dobule Flanged 200 x 150 Taper	Nr	2	4,071	14,793	4,044	8,142	29,586	8,088	quotation
Total of page BOQ - 477 to SR 3 Bill Summary							534,195	1,941,184	530,755	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-184	Dobule Flanged 300 x 200 Taper	Nr	2	8,744	31,775	8,688	17,488	63,550	17,376	quotation
SR 3-185	Double Flanged 22.5 degree Bend, dia 300 mm	Nr	1	13,163	47,832	13,078	13,163	47,832	13,078	quotation
SR 3-186	Double Flanged 45 degree Bend, dia 200 mm	Nr	1	4,989	18,130	4,957	4,989	18,130	4,957	quotation
SR 3-187	Double Flanged 45 degree Bend, dia 300 mm	Nr	1	13,018	47,304	12,934	13,018	47,304	12,934	quotation
SR 3-188	Double Flanged 90 degree Bend, dia 200 mm	Nr	2	5,476	19,899	5,440	10,952	39,798	10,880	quotation
SR 3-189	Double Flanged 90 degree Duckfoot Bend, dia 200 mm	Nr	2	6,023	21,889	5,985	12,046	43,778	11,970	quotation
SR 3-190	Double Socket 45 degree Bend, dia 200 mm	Nr	2	4,943	17,965	4,912	9,886	35,930	9,824	quotation
SR 3-191	Orifice Plate, dia 200 mm	Nr	1	15,243	55,391	15,145	15,243	55,391	15,145	quotation
SR 3-192	Double Flanged Flexible Expansion Joint, dia 200 mm	Nr	2	64,528	234,480	64,112	129,056	468,960	128,224	quotation
SR 3-193	Double Flanged Flexible Expansion Joint, dia 300 mm	Nr	1	88,628	322,053	88,057	88,628	322,053	88,057	quotation
SR 3-194	Flanged Bellmouth, dia 200, length 170 mm	Nr	1	2,605	9,469	2,589	2,605	9,469	2,589	quotation
SR 3-195	Flanged Bellmouth, dia 300, length 205 mm	Nr	1	4,887	17,761	4,856	4,887	17,761	4,856	quotation
SR 3-196	All Flanged 200 x 200 Tee	Nr	3	8,687	31,569	8,631	26,061	94,707	25,893	quotation
SR 3-197	Flange Adapter, dia 150 mm	Nr	1	3,203	11,640	3,182	3,203	11,640	3,182	quotation
SR 3-198	Flange Adapter, dia 200 mm	Nr	4	4,223	15,348	4,196	16,892	61,392	16,784	quotation
SR 3-199	Flange Adapter, dia 300 mm	Nr	1	7,389	26,851	7,341	7,389	26,851	7,341	quotation
	Bangalawatta as depicted in drawing N0.30-C-07									
SR 3-200	Straight Pipe, dia 150, L=6,000mm	m	30	998	3,630	992	29,940	108,900	29,760	quotation
SR 3-201	Straight Pipe, dia 200, L=6,000mm	m	30	1,377	5,004	1,368	41,310	150,120	41,040	quotation
SR 3-202	Straight Pipe, dia 250, L=6,000mm	m	30	1,826	6,637	1,814	54,780	199,110	54,420	quotation
SR 3-203	Double Flanged 90 degree Bend, dia 100 mm	Nr	2	2,175	7,904	2,161	4,350	15,808	4,322	quotation
SR 3-204	Double Flanged 90 degree Bend, dia 150 mm	Nr	2	3,736	13,577	3,712	7,472	27,154	7,424	quotation
SR 3-205	Double Flanged 90 degree Bend, dia 200 mm	Nr	1	5,476	19,899	5,440	5,476	19,899	5,440	quotation
SR 3-206	Double Flanged 90 degree Bend, dia 250 mm	Nr	6	8,610	31,289	8,555	51,660	187,734	51,330	quotation
Total of page BOQ - 478 to SR 3 Bill Summary							570,494	2,073,271	566,826	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-207	Double Flanged 90 degree Duckfoot Bend, dia 250 mm	Nr	2	9,471	34,418	9,410	18,942	68,836	18,820	quotation
SR 3-208	Double Flanged Piece, dia 100, L=605mm	Nr	2	1,761	6,399	1,749	3,522	12,798	3,498	quotation
SR 3-209	Double Flanged Piece, dia 150, L=540mm	Nr	1	2,493	9,061	2,477	2,493	9,061	2,477	quotation
SR 3-210	Double Flanged Piece, dia 150, L=730mm	Nr	1	3,370	12,249	3,349	3,370	12,249	3,349	quotation
SR 3-211	Double Flanged Piece, dia 150, L=810mm	Nr	1	3,740	13,592	3,716	3,740	13,592	3,716	quotation
SR 3-212	Double Flanged Piece, dia 150, L=1,820mm	Nr	1	8,404	30,540	8,350	8,404	30,540	8,350	quotation
SR 3-213	Double Flanged Piece, dia 150, L=2,340mm	Nr	1	10,805	39,266	10,736	10,805	39,266	10,736	quotation
SR 3-214	Double Flanged Piece, dia 200, L=1,000mm	Nr	1	6,494	23,599	6,452	6,494	23,599	6,452	quotation
SR 3-215	Double Flanged Piece, dia 200, L=1,120mm	Nr	1	7,273	26,431	7,226	7,273	26,431	7,226	quotation
SR 3-216	Double Flanged Piece, dia 200, L=1,400mm	Nr	1	9,092	33,039	9,033	9,092	33,039	9,033	quotation
SR 3-217	Double Flanged Piece, dia 250, L=850mm	Nr	1	7,392	26,861	7,344	7,392	26,861	7,344	quotation
SR 3-218	Double Flanged Piece, dia 250, L=900mm	Nr	1	7,826	28,441	7,776	7,826	28,441	7,776	quotation
SR 3-219	Double Flanged Piece, dia 250, L=1,220mm	Nr	2	10,610	38,554	10,541	21,220	77,108	21,082	quotation
SR 3-220	Double Flanged Piece, dia 250, L=2,700mm	Nr	1	23,481	85,325	23,330	23,481	85,325	23,330	quotation
SR 3-221	Double Flanged Piece, dia 250, L=3,565mm	Nr	2	31,004	112,661	30,804	62,008	225,322	61,608	quotation
SR 3-222	Double Flanged Piece, dia 250, L=5,000mm	Nr	1	43,484	158,009	43,203	43,484	158,009	43,203	quotation
SR 3-223	Double Flanged Piece with Puddle, dia 150, L=600mm	Nr	4	2,915	10,595	2,896	11,660	42,380	11,584	quotation
SR 3-224	Double Flanged Piece with Puddle, dia 150, L=750mm	Nr	1	3,644	13,243	3,620	3,644	13,243	3,620	quotation
SR 3-225	Double Flanged Piece with Puddle, dia 150, L=810mm	Nr	1	3,936	14,303	3,910	3,936	14,303	3,910	quotation
SR 3-226	Double Flanged Piece with Puddle, dia 200, L=750mm	Nr	1	5,103	18,546	5,070	5,103	18,546	5,070	quotation
SR 3-227	Double Flanged Piece with Puddle, dia 250, L=750mm	Nr	2	6,859	24,924	6,814	13,718	49,848	13,628	quotation
SR 3-228	Double Flanged Piece with Puddle, dia 250, L=1,160mm	Nr	2	10,608	38,549	10,540	21,216	77,098	21,080	quotation
SR 3-229	Double Flanged Piece with Puddle, dia 250, L=1,280mm	Nr	2	11,706	42,537	11,630	23,412	85,074	23,260	quotation
SR 3-230	Double Socket 11.25 degree Bend, dia 200 mm	Nr	2	4,136	15,030	4,109	8,272	30,060	8,218	quotation
Total of page BOQ - 479 to SR 3 Bill Summary							330,507	1,201,029	328,370	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-231	Double Socket 11.25 degree Bend, dia 250 mm	Nr	2	5,412	19,666	5,377	10,824	39,332	10,754	quotation
SR 3-232	Double Socket 45 degree Bend, dia 150 mm	Nr	2	3,053	11,094	3,033	6,106	22,188	6,066	quotation
SR 3-233	Double Socket 45 degree Bend, dia 200 mm	Nr	2	4,943	17,965	4,912	9,886	35,930	9,824	quotation
SR 3-234	Double Socket 90 degree Bend, dia 150 mm	Nr	2	3,513	12,768	3,491	7,026	25,536	6,982	quotation
SR 3-235	Double Socket 90 degree Bend, dia 200 mm	Nr	2	5,749	20,893	5,712	11,498	41,786	11,424	quotation
SR 3-236	Double Socket 90 degree Bend, dia 250 mm	Nr	4	8,056	29,275	8,004	32,224	117,100	32,016	quotation
SR 3-237	Flanged Bellmouth, dia 100, L=135mm	Nr	2	1,109	4,031	1,102	2,218	8,062	2,204	quotation
SR 3-238	Flanged Bellmouth, dia 250, L=185mm	Nr	4	3,641	13,234	3,618	14,564	52,936	14,472	quotation
SR 3-239	Flanged Spigot Piece, dia 150, L=1,000mm	Nr	1	4,343	15,783	4,315	4,343	15,783	4,315	quotation
SR 3-240	Flanged Spigot Piece, dia 200, L=1,000mm	Nr	1	6,130	22,278	6,091	6,130	22,278	6,091	quotation
SR 3-241	Flanged Spigot Piece, dia 250, L=1,880mm	Nr	1	15,384	55,904	15,285	15,384	55,904	15,285	quotation
SR 3-242	Flanged Spigot Piece with Puddle, dia 150, L=800mm	Nr	1	3,667	13,328	3,644	3,667	13,328	3,644	quotation
SR 3-243	Flanged Spigot Piece with Puddle, dia 150, L=900mm	Nr	1	4,126	14,994	4,099	4,126	14,994	4,099	quotation
SR 3-244	Flanged Spigot Piece with Puddle, dia 200, L=900mm	Nr	2	5,797	21,066	5,759	11,594	42,132	11,518	quotation
SR 3-245	Flanged Spigot Piece with Puddle, dia 250, L=750mm	Nr	2	6,474	23,525	6,432	12,948	47,050	12,864	quotation
SR 3-246	All Flanged 150 x 100 Tee	Nr	2	5,301	19,266	5,267	10,602	38,532	10,534	quotation
SR 3-247	All Flanged 150 x 150 Tee	Nr	2	5,958	21,653	5,920	11,916	43,306	11,840	quotation
SR 3-248	All Flanged 200 x 200 Tee	Nr	1	8,687	31,569	8,631	8,687	31,569	8,631	quotation
SR 3-249	All Flanged 250 x 250 Tee	Nr	4	13,988	50,830	13,898	55,952	203,320	55,592	quotation
SR 3-250	All Socket 150 x 150 Tee	Nr	1	5,030	18,278	4,997	5,030	18,278	4,997	quotation
SR 3-251	Double Flanged 150 x 100 Taper	Nr	2	2,802	10,184	2,784	5,604	20,368	5,568	quotation
SR 3-252	Double Flanged 250 x 150 Taper	Nr	1	6,632	24,102	6,590	6,632	24,102	6,590	quotation
SR 3-253	Double Flanged 250 x 200 Taper	Nr	2	5,540	20,131	5,504	11,080	40,262	11,008	quotation
SR 3-254	Double Flanged Flexible Expansion Joint, dia 150 mm	Nr	1	50,557	183,712	50,231	50,557	183,712	50,231	quotation
Total of page BOQ - 480 to SR 3 Bill Summary							318,598	1,157,788	316,549	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-255	Double Flanged Flexible Expansion Joint, dia 200 mm	Nr	1	64,528	234,480	64,112	64,528	234,480	64,112	quotation
SR 3-256	Double Flanged Flexible Expansion Joint, dia 250 mm	Nr	1	76,794	279,050	76,299	76,794	279,050	76,299	quotation
SR 3-257	Flange Adapter, dia 125 mm	Nr	1	3,203	11,640	3,182	3,203	11,640	3,182	quotation
SR 3-258	Flange Adapter with Puddle, dia 150, L=800mm	Nr	1	3,523	12,804	3,500	3,523	12,804	3,500	quotation
SR 3-259	Flange Adapter, dia 150 mm	Nr	4	3,203	11,640	3,182	12,812	46,560	12,728	quotation
SR 3-260	Flange Adapter, dia 200 mm	Nr	3	4,223	15,348	4,196	12,669	46,044	12,588	quotation
SR 3-261	Flange Adapter, dia 250 mm	Nr	7	5,637	20,484	5,600	39,459	143,388	39,200	quotation
SR 3-262	Collar, dia 150 mm	Nr	3	4,715	17,136	4,685	14,145	51,408	14,055	quotation
SR 3-263	Collar, dia 200 mm	Nr	4	5,878	21,362	5,840	23,512	85,448	23,360	quotation
SR 3-264	Collar, dia 250 mm	Nr	2	7,621	27,694	7,572	15,242	55,388	15,144	quotation
	Pihilladeniya as depicted in drawing N0.30-C-08									
SR 3-265	Straight Pipe, dia 150, L=6,000mm	m	12	998	3,630	992	11,976	43,560	11,904	quotation
SR 3-266	Double Flanged Piece, dia 80, L=655mm	Nr	1	1,606	5,839	1,596	1,606	5,839	1,596	quotation
SR 3-267	Double Flanged Piece, dia 100, L=320mm	Nr	1	931	3,384	925	931	3,384	925	quotation
SR 3-268	Double Flanged Piece, dia 100, L=400mm	Nr	1	1,164	4,230	1,156	1,164	4,230	1,156	quotation
SR 3-269	Double Flanged Piece, dia 100, L=2,590mm	Nr	1	7,539	27,395	7,490	7,539	27,395	7,490	quotation
SR 3-270	Double Flanged Piece, dia 200, L=650mm	Nr	1	4,221	15,339	4,194	4,221	15,339	4,194	quotation
SR 3-271	Double Flanged Piece, dia 200, L=750mm	Nr	1	4,870	17,699	4,839	4,870	17,699	4,839	quotation
SR 3-272	Double Flanged Piece, dia 200, L=800mm	Nr	1	5,195	18,879	5,162	5,195	18,879	5,162	quotation
SR 3-273	Double Flanged Piece, dia 200, L=820mm	Nr	1	5,325	19,351	5,291	5,325	19,351	5,291	quotation
SR 3-274	Double Flanged Piece, dia 200, L=850mm	Nr	1	5,520	20,059	5,484	5,520	20,059	5,484	quotation
SR 3-275	Double Flanged Piece, dia 200, L=2,320mm	Nr	1	15,067	54,750	14,970	15,067	54,750	14,970	quotation
SR 3-276	Double Flanged Piece, dia 200, L=3,100mm	Nr	1	20,133	73,158	20,003	20,133	73,158	20,003	quotation
SR 3-277	Double Flanged Piece with Puddle, dia 200, L=550mm	Nr	1	3,742	13,600	3,718	3,742	13,600	3,718	quotation
Total of page BOQ - 481 to SR 3 Bill Summary							353,176	1,283,453	350,900	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-278	Double Flanged Piece with Puddle, dia 200, L=700mm	Nr	1	4,763	17,309	4,732	4,763	17,309	4,732	quotation
SR 3-279	Double Flanged Piece with Puddle, dia 150, L=740mm	Nr	1	3,596	13,067	3,572	3,596	13,067	3,572	quotation
SR 3-280	Double Flanged Piece with Puddle, dia 200, L=930mm	Nr	1	6,328	22,997	6,287	6,328	22,997	6,287	quotation
SR 3-281	Double Flanged Piece with Puddle, dia 200, L=1,140mm	Nr	1	7,757	28,189	7,707	7,757	28,189	7,707	quotation
SR 3-282	Flange Spigot Piece with Puddle, dia 200, L=650mm	Nr	1	4,186	15,214	4,159	4,186	15,214	4,159	quotation
SR 3-283	Flange Spigot Piece, dia 150, L=640mm	Nr	1	2,779	10,101	2,761	2,779	10,101	2,761	quotation
SR 3-284	Flange Spigot Piece, dia 150, L=800mm	Nr	3	3,474	12,626	3,452	10,422	37,878	10,356	quotation
SR 3-285	Double Flanged 22.5 degree Bend, dia 150 mm	Nr	2	3,538	12,857	3,515	7,076	25,714	7,030	quotation
SR 3-286	Double Flanged 90 degree Bend, dia 80 mm	Nr	1	1,803	6,553	1,791	1,803	6,553	1,791	quotation
SR 3-287	Double Flanged 90 degree Bend, dia 150 mm	Nr	1	3,736	13,577	3,712	3,736	13,577	3,712	quotation
SR 3-288	Double Flanged 90 degree Bend, dia 200 mm	Nr	2	5,476	19,899	5,440	10,952	39,798	10,880	quotation
SR 3-289	Double Flanged 90 degree Duckfoot Bend, dia 200 mm	Nr	1	6,023	21,889	5,985	6,023	21,889	5,985	quotation
SR 3-290	Double Socket 22.5 degree Bend, dia 150 mm	Nr	2	2,838	10,315	2,820	5,676	20,630	5,640	quotation
SR 3-291	Double Socket 45 degree Bend, dia 150 mm	Nr	1	3,053	11,094	3,033	3,053	11,094	3,033	quotation
SR 3-292	Flanged Bellmouth, dia 80, L=130mm	Nr	1	951	3,459	945	951	3,459	945	quotation
SR 3-293	Flanged Bellmouth, dia 200, L=170mm	Nr	2	2,605	9,469	2,589	5,210	18,938	5,178	quotation
SR 3-294	All Flanged 150 x 150 Tee	Nr	1	5,958	21,653	5,920	5,958	21,653	5,920	quotation
SR 3-295	All Flanged 200 x 100 Tee	Nr	1	7,462	27,115	7,413	7,462	27,115	7,413	quotation
SR 3-296	All Flanged 200 x 200 Tee	Nr	3	8,687	31,569	8,631	26,061	94,707	25,893	quotation
SR 3-297	Double Flanged 150 x 80 Taper	Nr	1	2,949	10,716	2,930	2,949	10,716	2,930	quotation
SR 3-298	Double Flanged 150 x 100 Taper	Nr	1	2,802	10,184	2,784	2,802	10,184	2,784	quotation
SR 3-299	Double Flanged 200 x 100 Taper	Nr	2	4,634	16,842	4,605	9,268	33,684	9,210	quotation
SR 3-300	Double Flanged 200 x 150 Taper	Nr	1	4,071	14,793	4,044	4,071	14,793	4,044	quotation
SR 3-301	Flange Adapter, dia 100 mm	Nr	2	2,389	8,682	2,373	4,778	17,364	4,746	quotation
Total of page BOQ - 482 to SR 3 Bill Summary							147,660	536,623	146,708	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-302	Flange Adapter, dia 125 mm	Nr	1	3,203	11,640	3,182	3,203	11,640	3,182	quotation
SR 3-303	Flange Adapter, dia 200 mm	Nr	5	4,223	15,348	4,196	21,115	76,740	20,980	quotation
SR 3-304	Collar, dia 150 mm	Nr	3	4,715	17,136	4,685	14,145	51,408	14,055	quotation
	<u>Extra over for Overflow/Drainage pipe</u>									
SR 3-305	Straight Pipe, dia 200, L=6,000mm	m	51	1,377	5,004	1,368	70,227	255,204	69,768	quotation
SR 3-306	Double Socket 45 degree Bend, dia 200 mm	Nr	3	4,943	17,965	4,912	14,829	53,895	14,736	quotation
SR 3-307	Double Socket 22.5 degree Bend, dia 200 mm	Nr	4	4,445	16,153	4,416	17,780	64,612	17,664	quotation
SR 3-308	Double Socket 11.25 degree Bend, dia 200 mm	Nr	2	4,136	15,030	4,109	8,272	30,060	8,218	quotation
SR 3-309	Connection Adaptor (DI/HP), dia 200 mm (PN10)	Nr	1	8,133	29,555	8,081	8,133	29,555	8,081	quotation
SR 3-310	Connection Adaptor (Drawing No.30-C-12-01)	Nr	1	8,133	29,555	8,081	8,133	29,555	8,081	quotation
	Kurugamma as depicted in drawing No.30-C-09									
SR 3-311	Straight Pipe, dia 150, L=6,000mm	m	6	998	3,630	992	5,988	21,780	5,952	quotation
SR 3-312	Straight Pipe, dia 200, L=6,000mm	m	12	1,377	5,004	1,368	16,524	60,048	16,416	quotation
SR 3-313	Double Flanged Piece, dia 100, L=605mm	Nr	1	1,761	6,399	1,749	1,761	6,399	1,749	quotation
SR 3-314	Double Flanged Piece, dia 150, L=500mm	Nr	1	2,308	8,390	2,294	2,308	8,390	2,294	quotation
SR 3-315	Double Flanged Piece, dia 150, L=700mm	Nr	1	3,232	11,746	3,211	3,232	11,746	3,211	quotation
SR 3-316	Double Flanged Piece, dia 150, L=980mm	Nr	1	4,525	16,444	4,496	4,525	16,444	4,496	quotation
SR 3-317	Double Flanged Piece, dia 150, L=2,290mm	Nr	2	10,575	38,427	10,506	21,150	76,854	21,012	quotation
SR 3-318	Double Flanged Piece, dia 150, L=2,330mm	Nr	1	10,759	39,098	10,690	10,759	39,098	10,690	quotation
SR 3-319	Double Flanged Piece, dia 150, L=2,390mm	Nr	2	11,036	40,105	10,965	22,072	80,210	21,930	quotation
SR 3-320	Double Flanged Piece, dia 150, L=4,430mm	Nr	1	20,457	74,337	20,325	20,457	74,337	20,325	quotation
SR 3-321	Double Flanged Piece, dia 200, L=710mm	Nr	1	4,610	16,755	4,581	4,610	16,755	4,581	quotation
SR 3-322	Double Flanged Piece with Puddle, dia 150, L=600mm	Nr	3	2,915	10,595	2,896	8,745	31,785	8,688	quotation
SR 3-323	Double Flanged Piece with Puddle, dia 150, L=850mm	Nr	1	4,130	15,009	4,103	4,130	15,009	4,103	quotation
Total of page BOQ - 483 to SR 3 Bill Summary							292,098	1,061,524	290,212	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-324	Double Flanged Piece with Puddle, dia 150, L=1,070mm	Nr	1	5,199	18,894	5,166	5,199	18,894	5,166	quotation
SR 3-325	Double Flanged Piece with Puddle, dia 250, L=1,000mm	Nr	1	9,145	33,232	9,086	9,145	33,232	9,086	quotation
SR 3-326	Flanged Spigot Piece, dia 150, L=1,000mm	Nr	1	4,343	15,783	4,315	4,343	15,783	4,315	quotation
SR 3-327	Flanged Spigot Piece, dia 200, L=1,000mm	Nr	1	6,130	22,278	6,091	6,130	22,278	6,091	quotation
SR 3-328	Flanged Spigot Piece with Puddle, dia 150, L=600mm	Nr	1	2,750	9,996	2,733	2,750	9,996	2,733	quotation
SR 3-329	Double Flanged 90 degree Bend, dia 100 mm	Nr	1	2,175	7,904	2,161	2,175	7,904	2,161	quotation
SR 3-330	Double Flanged 90 degree Bend, dia 150 mm	Nr	2	3,736	13,577	3,712	7,472	27,154	7,424	quotation
SR 3-331	Double Flanged 90 degree Duckfoot Bend, dia 150 mm	Nr	2	4,110	14,935	4,083	8,220	29,870	8,166	quotation
SR 3-332	Flanged Bellmouth, dia 100, L=135mm	Nr	1	1,109	4,031	1,102	1,109	4,031	1,102	quotation
SR 3-333	Flanged Bellmouth, dia 150, L=150mm	Nr	1	1,832	6,659	1,820	1,832	6,659	1,820	quotation
SR 3-334	Flanged Bellmouth, dia 250, L=185mm	Nr	1	3,641	13,234	3,618	3,641	13,234	3,618	quotation
SR 3-335	All Flanged 150 x 150 Tee	Nr	1	5,958	21,653	5,920	5,958	21,653	5,920	quotation
SR 3-336	All Flanged 200 x 100 Tee	Nr	1	7,462	27,115	7,413	7,462	27,115	7,413	quotation
SR 3-337	All Flanged 200 x 150 Tee	Nr	1	8,051	29,256	7,999	8,051	29,256	7,999	quotation
SR 3-338	Double Flanged 150 x 100 Taper	Nr	1	2,802	10,184	2,784	2,802	10,184	2,784	quotation
SR 3-339	Double Flanged 250 x 150 Taper	Nr	2	6,632	24,102	6,590	13,264	48,204	13,180	quotation
SR 3-340	Flange Adapter, dia 150 mm	Nr	6	3,203	11,640	3,182	19,218	69,840	19,092	quotation
SR 3-341	Flange Adapter, dia 200 mm	Nr	1	4,223	15,348	4,196	4,223	15,348	4,196	quotation
SR 3-342	Collar, dia 150 mm	Nr	1	4,715	17,136	4,685	4,715	17,136	4,685	quotation
SR 3-343	Collar, dia 200 mm	Nr	2	5,878	21,362	5,840	11,756	42,724	11,680	quotation
	Extra over for Overflow/Drainage pipe									
SR 3-344	Straight Pipe, dia 150, L=6,000mm	m	50	998	3,630	992	49,900	181,500	49,600	quotation
SR 3-345	Collar, dia 150 mm	Nr	3	4,715	17,136	4,685	14,145	51,408	14,055	quotation
	Kondadeniya as depicted in drawing No.30-C-10									
Total of page BOQ - 484 to SR 3 Bill Summary							193,510	703,403	192,286	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-346	Straight Pipe, dia 200, L=6,000mm	m	24	1,377	5,004	1,368	33,048	120,096	32,832	quotation
SR 3-347	Straight Pipe, dia 250, L=6,000mm	m	12	1,826	6,637	1,814	21,912	79,644	21,768	quotation
SR 3-348	Double Flanged Piece, dia 200, L=520mm	Nr	2	3,376	12,271	3,355	6,752	24,542	6,710	quotation
SR 3-349	Double Flanged Piece, dia 200, L=600mm	Nr	2	3,896	14,159	3,871	7,792	28,318	7,742	quotation
SR 3-350	Double Flanged Piece, dia 200, L=970mm	Nr	1	6,299	22,891	6,258	6,299	22,891	6,258	quotation
SR 3-351	Double Flanged Piece, dia 200, L=1,000mm	Nr	1	6,494	23,599	6,452	6,494	23,599	6,452	quotation
SR 3-352	Double Flanged Piece, dia 200, L=1,200mm	Nr	1	7,793	28,319	7,743	7,793	28,319	7,743	quotation
SR 3-353	Double Flanged Piece, dia 200, L=1,710mm	Nr	1	11,105	40,355	11,034	11,105	40,355	11,034	quotation
SR 3-354	Double Flanged Piece, dia 200, L=2,140mm	Nr	1	13,898	50,502	13,808	13,898	50,502	13,808	quotation
SR 3-355	Double Flanged Piece, dia 200, L=4,090mm	Nr	1	26,562	96,521	26,391	26,562	96,521	26,391	quotation
SR 3-356	Double Flanged Piece, dia 200, L=4,320mm	Nr	1	28,056	101,949	27,875	28,056	101,949	27,875	quotation
SR 3-357	Double Flanged Piece with Puddle, dia 200, L=550mm	Nr	1	3,742	13,600	3,718	3,742	13,600	3,718	quotation
SR 3-358	Double Flanged Piece with Puddle, dia 200, L=600mm	Nr	1	4,082	14,836	4,056	4,082	14,836	4,056	quotation
SR 3-359	Double Flanged Piece with Puddle, dia 200, L=900mm	Nr	1	6,124	22,255	6,085	6,124	22,255	6,085	quotation
SR 3-360	Double Flanged Piece with Puddle, dia 200, L=1,140mm	Nr	1	7,757	28,189	7,707	7,757	28,189	7,707	quotation
SR 3-361	Double Flanged Piece with Puddle, dia 250, L=800mm	Nr	1	7,316	26,585	7,269	7,316	26,585	7,269	quotation
SR 3-362	Flanged Socket, dia 200 mm	Nr	1	4,208	15,293	4,181	4,208	15,293	4,181	quotation
SR 3-363	Flanged Spigot Piece with Puddle, dia 200, L=980mm	Nr	1	6,312	22,939	6,272	6,312	22,939	6,272	quotation
SR 3-364	Flanged Spigot Piece, dia 200, L=650mm	Nr	1	3,984	14,480	3,959	3,984	14,480	3,959	quotation
SR 3-365	Flanged Spigot Piece, dia 200, L=1,100mm	Nr	1	6,744	24,506	6,700	6,744	24,506	6,700	quotation
SR 3-366	Flanged Spigot Piece, dia 200, L=1,280mm	Nr	1	7,847	28,516	7,797	7,847	28,516	7,797	quotation
SR 3-367	Flanged Spigot Piece, dia 250, L=1,000mm	Nr	1	8,183	29,736	8,130	8,183	29,736	8,130	quotation
SR 3-368	Double Flanged 45 degree Bend, dia 200 mm	Nr	1	4,989	18,130	4,957	4,989	18,130	4,957	quotation
SR 3-369	Double Flanged 90 degree Bend, dia 200 mm	Nr	4	5,476	19,899	5,440	21,904	79,596	21,760	quotation
Total of page BOQ - 485 to SR 3 Bill Summary							262,903	955,397	261,204	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-370	Double Flanged 90 degree Duckfoot Bend, dia 200 mm	Nr	2	6,023	21,889	5,985	12,046	43,778	11,970	quotation
SR 3-371	Double Socket 45 degree Bend, dia 200 mm	Nr	2	4,943	17,965	4,912	9,886	35,930	9,824	quotation
SR 3-372	Double Socket 45 degree Bend, dia 250 mm	Nr	1	6,600	23,986	6,558	6,600	23,986	6,558	quotation
SR 3-373	Double Socket 90 degree Bend, dia 200 mm	Nr	2	5,749	20,893	5,712	11,498	41,786	11,424	quotation
SR 3-374	Flanged Bellmouth, dia 200, L=170mm	Nr	1	2,605	9,469	2,589	2,605	9,469	2,589	quotation
SR 3-375	Flanged Bellmouth, dia 250, L=185mm	Nr	1	3,641	13,234	3,618	3,641	13,234	3,618	quotation
SR 3-376	All Flanged 200 x 100 Tee	Nr	1	7,462	27,115	7,413	7,462	27,115	7,413	quotation
SR 3-377	All Flanged 200 x 200 Tee	Nr	2	8,687	31,569	8,631	17,374	63,138	17,262	quotation
SR 3-378	Double Flanged 250 x 200 Taper	Nr	2	5,540	20,131	5,504	11,080	40,262	11,008	quotation
SR 3-379	Double Flanged Flexible Expansion Joint, dia 250 mm	Nr	1	76,794	279,050	76,299	76,794	279,050	76,299	quotation
SR 3-380	Flange Adapter, dia 200 mm	Nr	7	4,223	15,348	4,196	29,561	107,436	29,372	quotation
SR 3-381	Collar, dia 200 mm	Nr	6	5,878	21,362	5,840	35,268	128,172	35,040	quotation
	Gohagoda as depicted in drawing No.30-C-13									
SR 3-382	Straight Pipe, dia 150, L=6,000mm	m	18	998	3,630	992	17,964	65,340	17,856	quotation
SR 3-383	Straight Pipe, dia 300, L=6,000mm	m	6	2,319	8,427	2,304	13,914	50,562	13,824	quotation
SR 3-384	Double Flanged Piece, dia 80, L=350mm	Nr	1	643	2,340	639	643	2,340	639	quotation
SR 3-385	Double Flanged Piece, dia 80, L=655mm	Nr	1	1,205	4,379	1,197	1,205	4,379	1,197	quotation
SR 3-386	Double Flanged Piece, dia 150, L=530mm	Nr	1	2,447	8,893	2,431	2,447	8,893	2,431	quotation
SR 3-387	Double Flanged Piece, dia 150, L=700mm	Nr	3	3,232	11,746	3,211	9,696	35,238	9,633	quotation
SR 3-388	Double Flanged Piece, dia 150, L=1,080mm	Nr	1	4,987	18,123	4,955	4,987	18,123	4,955	quotation
SR 3-389	Double Flanged Piece, dia 150, L=1,900mm	Nr	1	8,774	31,883	8,717	8,774	31,883	8,717	quotation
SR 3-390	Double Flanged Piece, dia 150, L=1,960mm	Nr	1	9,051	32,889	8,992	9,051	32,889	8,992	quotation
SR 3-391	Double Flanged Piece, dia 150, L=2,290mm	Nr	1	10,575	38,427	10,506	10,575	38,427	10,506	quotation
SR 3-392	Double Flanged Piece, dia 150, L=2,330mm	Nr	1	10,759	39,098	10,690	10,759	39,098	10,690	quotation
Total of page BOQ - 486 to SR 3 Bill Summary							313,830	1,140,528	311,817	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-393	Double Flanged Piece, dia 150, L=2,480mm	Nr	1	11,452	41,615	11,378	11,452	41,615	11,378	quotation
SR 3-394	Double Flanged Piece, dia 150, L=2,580mm	Nr	1	11,914	43,293	11,837	11,914	43,293	11,837	quotation
SR 3-395	Double Flanged Piece, dia 150, L=3,160mm	Nr	1	14,592	53,026	14,498	14,592	53,026	14,498	quotation
SR 3-396	Double Flanged Piece, dia 150, L=4,430mm	Nr	1	20,457	74,337	20,325	20,457	74,337	20,325	quotation
SR 3-397	Double Flanged Piece, dia 300, L=1,800mm	Nr	1	20,010	72,712	19,881	20,010	72,712	19,881	quotation
SR 3-398	Double Flanged Piece, dia 300, L=2,500mm	Nr	1	27,792	100,989	27,613	27,792	100,989	27,613	quotation
SR 3-399	Double Flanged Piece with Puddle, dia 150, L=600mm	Nr	3	2,915	10,595	2,896	8,745	31,785	8,688	quotation
SR 3-400	Double Flanged Piece with Puddle, dia 150, L=740mm	Nr	1	3,596	13,067	3,572	3,596	13,067	3,572	quotation
SR 3-401	Double Flanged Piece with Puddle, dia 150, L=800mm	Nr	1	3,887	14,126	3,862	3,887	14,126	3,862	quotation
SR 3-402	Double Flanged Piece with Puddle, dia 150, L=910mm	Nr	1	4,422	16,069	4,393	4,422	16,069	4,393	quotation
SR 3-403	Double Flanged Piece with Puddle, dia 150, L=1,120mm	Nr	1	5,442	19,777	5,407	5,442	19,777	5,407	quotation
SR 3-404	Double Flanged Piece with Puddle, dia 300, L=800mm	Nr	1	9,362	34,022	9,302	9,362	34,022	9,302	quotation
SR 3-405	Flanged Spigot Piece, dia 150, L=650mm	Nr	1	2,822	10,258	2,804	2,822	10,258	2,804	quotation
SR 3-406	Flanged Spigot Piece, dia 150, L=800mm	Nr	1	3,474	12,626	3,452	3,474	12,626	3,452	quotation
SR 3-407	Flanged Spigot Piece, dia 150, L=1,000mm	Nr	2	4,343	15,783	4,315	8,686	31,566	8,630	quotation
SR 3-408	Flanged Spigot Piece, dia 300, L=1,000mm	Nr	1	10,456	37,997	10,389	10,456	37,997	10,389	quotation
SR 3-409	Double Flanged 150 x 80 Taper	Nr	2	2,949	10,716	2,930	5,898	21,432	5,860	quotation
SR 3-410	Double Flanged 150 x 100 Taper	Nr	2	2,802	10,184	2,784	5,604	20,368	5,568	quotation
SR 3-411	Double Flanged 300 x 150 Taper	Nr	2	8,164	29,668	8,112	16,328	59,336	16,224	quotation
SR 3-412	Double Socket 200 x 150 Taper	Nr	1	3,851	13,995	3,826	3,851	13,995	3,826	quotation
SR 3-413	Double Flanged 90 degree Bend, dia 80 mm	Nr	1	1,803	6,553	1,791	1,803	6,553	1,791	quotation
SR 3-414	Double Flanged 90 degree Bend, dia 150 mm	Nr	7	3,736	13,577	3,712	26,152	95,039	25,984	quotation
SR 3-415	Double Flanged 90 degree Bend, dia 300 mm	Nr	2	11,797	42,869	11,721	23,594	85,738	23,442	quotation
SR 3-416	Double Flanged 90 degree Duckfoot Bend, dia 150 mm	Nr	4	4,110	14,935	4,083	16,440	59,740	16,332	quotation
Total of page BOQ - 487 to SR 3 Bill Summary							266,779	969,466	265,058	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-417	Double Flanged 90 degree Duckfoot Bend, dia 300 mm	Nr	1	12,977	47,156	12,893	12,977	47,156	12,893	quotation
SR 3-418	Dobule Socket 90 degree Bend, dia 150 mm	Nr	3	3,513	12,768	3,491	10,539	38,304	10,473	quotation
SR 3-419	Flanged Bellmouth, dia 80, L=130mm	Nr	1	951	3,459	945	951	3,459	945	quotation
SR 3-420	Flanged Bellmouth, dia 150, L=150mm	Nr	1	1,832	6,659	1,820	1,832	6,659	1,820	quotation
SR 3-421	Flanged Bellmouth, dia 300, L=205mm	Nr	1	4,887	17,761	4,856	4,887	17,761	4,856	quotation
SR 3-422	All Flanged 150 x 100 Tee	Nr	1	5,301	19,266	5,267	5,301	19,266	5,267	quotation
SR 3-423	All Flanged 150 x 150 Tee	Nr	4	5,958	21,653	5,920	23,832	86,612	23,680	quotation
SR 3-424	Double Flanged Flexible Expansion Joint, dia 150 mm	Nr	1	50,557	183,712	50,231	50,557	183,712	50,231	quotation
SR 3-425	Flange Adapter, dia 80 mm	Nr	1	2,107	7,658	2,093	2,107	7,658	2,093	quotation
SR 3-426	Flange Adapter, dia 125 mm	Nr	1	3,203	11,640	3,182	3,203	11,640	3,182	quotation
SR 3-427	Flange Adapter, dia 150 mm	Nr	7	3,203	11,640	3,182	22,421	81,480	22,274	quotation
SR 3-428	Flange Adapter (F/PE) with Puddle, dia 150 mm	Nr	1	3,523	12,804	3,500	3,523	12,804	3,500	quotation
SR 3-429	Collar, dia 150 mm	Nr	5	4,715	17,136	4,685	23,575	85,680	23,425	quotation
SR 3-430	Collar, dia 300 mm	Nr	2	10,378	37,711	10,311	20,756	75,422	20,622	quotation
	Asgiriya as depicted in drawing No.30-C-15									
SR 3-431	Straight Pipe, dia 200, L=6,000mm	m	42	1,377	5,004	1,368	57,834	210,168	57,456	quotation
SR 3-432	Straight Pipe, dia 500, L=6,000mm	m	36	4,978	18,090	4,946	179,208	651,240	178,056	quotation
SR 3-433	Flanged Bellmouth, dia 350, L=220mm	Nr	2	6,074	22,072	6,035	12,148	44,144	12,070	quotation
SR 3-434	Flanged Bellmouth, dia 500, L=275mm	Nr	2	12,007	43,631	11,929	24,014	87,262	23,858	quotation
SR 3-435	Flanged Bellmouth, dia 600, L=310mm	Nr	2	17,660	64,173	17,546	35,320	128,346	35,092	quotation
SR 3-436	Double Flanged Piece, dia 350, L=1,220mm	Nr	2	16,642	60,474	16,535	33,284	120,948	33,070	quotation
SR 3-437	Double Flanged Piece, dia 450, L=1,415mm	Nr	1	28,050	101,929	27,870	28,050	101,929	27,870	quotation
SR 3-438	Double Flanged Piece, dia 450, L=1,500mm	Nr	1	29,735	108,052	29,544	29,735	108,052	29,544	quotation
SR 3-439	Double Flanged Piece, dia 450, L=2,585mm	Nr	1	51,244	186,210	50,914	51,244	186,210	50,914	quotation
Total of page BOQ - 488 to SR 3 Bill Summary							637,298	2,315,912	633,191	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-440	Double Flanged Piece, dia 500, L=550mm	Nr	2	12,681	46,080	12,599	25,362	92,160	25,198	quotation
SR 3-441	Double Flanged Piece, dia 500, L=700mm	Nr	2	16,139	58,648	16,035	32,278	117,296	32,070	quotation
SR 3-442	Double Flanged Piece, dia 500, L=1,100mm	Nr	2	25,362	92,161	25,199	50,724	184,322	50,398	quotation
SR 3-443	Double Flanged Piece, dia 500, L=1,200mm	Nr	2	27,668	100,540	27,490	55,336	201,080	54,980	quotation
SR 3-444	Double Flanged Piece, dia 500, L=1,440mm	Nr	1	33,202	120,648	32,988	33,202	120,648	32,988	quotation
SR 3-445	Double Flanged Piece, dia 500, L=1,500mm	Nr	1	34,585	125,675	34,362	34,585	125,675	34,362	quotation
SR 3-446	Double Flanged Piece, dia 500, L=1,540mm	Nr	1	35,507	129,026	35,279	35,507	129,026	35,279	quotation
SR 3-447	Double Flanged Piece, dia 500, L=2,200mm	Nr	2	50,725	184,323	50,398	101,450	368,646	100,796	quotation
SR 3-448	Double Flanged Piece, dia 500, L=2,515mm	Nr	1	57,988	210,715	57,614	57,988	210,715	57,614	quotation
SR 3-449	Double Flanged Piece, dia 500, L=3,115mm	Nr	2	71,822	260,985	71,360	143,644	521,970	142,720	quotation
SR 3-450	Double Flanged Piece, dia 500, L=5,075mm	Nr	2	117,015	425,201	116,260	234,030	850,402	232,520	quotation
SR 3-451	Double Flanged Piece, dia 600, L=1,340mm	Nr	1	41,343	150,231	41,077	41,343	150,231	41,077	quotation
SR 3-452	Double Flanged Piece, dia 600, L=1,500mm	Nr	1	46,280	168,169	45,981	46,280	168,169	45,981	quotation
SR 3-453	Double Flanged Piece, dia 600, L=1,540mm	Nr	1	47,514	172,654	47,208	47,514	172,654	47,208	quotation
SR 3-454	Double Flanged Piece with Puddle, dia 500, L=850mm	Nr	4	20,595	74,840	20,463	82,380	299,360	81,852	quotation
SR 3-455	Double Flanged Piece with Puddle, dia 600, L=850mm	Nr	2	27,574	100,199	27,397	55,148	200,398	54,794	quotation
SR 3-456	Flange Spigot Piece with Puddle, dia 500, L=1,040mm	Nr	2	17,898	65,040	17,783	35,796	130,080	35,566	quotation
SR 3-457	Flanged Socket, dia 500, L=170mm	Nr	2	15,563	56,552	15,462	31,126	113,104	30,924	quotation
SR 3-458	Flanged Spigot Piece, dia 200, L=1,000mm	Nr	1	6,130	22,278	6,091	6,130	22,278	6,091	quotation
SR 3-459	Double Flanged 45 degree Bend, dia 500 mm	Nr	2	26,538	96,432	26,367	53,076	192,864	52,734	quotation
SR 3-460	Double Socket 90 degree Bend, dia 250 mm	Nr	1	8,056	29,275	8,004	8,056	29,275	8,004	quotation
SR 3-461	Double Flanged 90 degree Bend, dia 500 mm	Nr	5	31,742	115,344	31,538	158,710	576,720	157,690	quotation
SR 3-462	Double Socket 90 degree Bend, dia 500 mm	Nr	1	30,418	110,531	30,222	30,418	110,531	30,222	quotation
Total of page BOQ - 489 to SR 3 Bill Summary							1,400,083	5,087,604	1,391,068	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-463	Double Flanged 90 degree Bend, dia 600 mm	Nr	2	48,249	175,324	47,938	96,498	350,648	95,876	quotation
SR 3-464	Double Flanged 90 degree Duckfoot Bend, dia 500 mm	Nr	4	34,916	126,878	34,691	139,664	507,512	138,764	quotation
SR 3-465	Double Flanged 90 degree Duckfoot Bend, dia 600 mm	Nr	1	53,073	192,856	52,731	53,073	192,856	52,731	quotation
SR 3-466	All Flanged 450 x 450 Tee	Nr	1	37,846	137,524	37,602	37,846	137,524	37,602	quotation
SR 3-467	All Flanged 500 x 500 Tee	Nr	4	44,755	162,628	44,466	179,020	650,512	177,864	quotation
SR 3-468	All Flanged 600 x 600 Tee	Nr	1	64,264	233,519	63,850	64,264	233,519	63,850	quotation
SR 3-469	Double Flanged 450 x 250 Taper	Nr	1	13,189	47,928	13,104	13,189	47,928	13,104	quotation
SR 3-470	Double Flanged 500 x 350 Taper	Nr	2	19,360	70,350	19,235	38,720	140,700	38,470	quotation
SR 3-471	Double Flanged 500 x 450 Taper	Nr	1	16,513	60,006	16,407	16,513	60,006	16,407	quotation
SR 3-472	Double Flanged 600 x 450 Taper	Nr	1	27,803	101,031	27,624	27,803	101,031	27,624	quotation
SR 3-473	Double Flanged Flexible Expansion Joint, dia 200 mm	Nr	1	64,528	234,480	64,112	64,528	234,480	64,112	quotation
SR 3-474	Double Flanged Flexible Expansion Joint, dia 500 mm	Nr	1	162,034	588,790	160,990	162,034	588,790	160,990	quotation
SR 3-475	Double Flanged Flexible Expansion Joint, dia 600 mm	Nr	1	198,980	723,040	197,697	198,980	723,040	197,697	quotation
SR 3-476	Flange Adapter, dia 450 mm	Nr	2	13,362	48,557	13,276	26,724	97,114	26,552	quotation
SR 3-477	Flange Adapter, dia 500 mm	Nr	11	16,163	58,734	16,059	177,793	646,074	176,649	quotation
SR 3-478	Flange Adapter, dia 600 mm	Nr	2	21,255	77,238	21,118	42,510	154,476	42,236	quotation
SR 3-479	Collar, dia 200 mm	Nr	3	5,878	21,362	5,840	17,634	64,086	17,520	quotation
	Bahirawakanda as depicted in drawing No.30-C-16									
SR 3-480	Straight Pipe, dia 250, L=6,000mm	m	18	1,826	6,637	1,814	32,868	119,466	32,652	quotation
SR 3-481	Flanged Bellmouth, dia 250, L=185mm	Nr	2	3,641	13,234	3,618	7,282	26,468	7,236	quotation
SR 3-482	Double Flanged Piece, dia 150, L=500mm	Nr	2	2,308	8,390	2,294	4,616	16,780	4,588	quotation
SR 3-483	Double Flanged Piece, dia 150, L=2,710mm	Nr	1	12,514	45,475	12,434	12,514	45,475	12,434	quotation
SR 3-484	Double Flanged Piece, dia 250, L=700mm	Nr	5	6,087	22,121	6,048	30,435	110,605	30,240	quotation
Total of page BOQ - 490 to SR 3 Bill Summary							1,444,508	5,249,090	1,435,198	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-485	Double Flanged Piece, dia 250, L=850mm	Nr	5	7,392	26,861	7,344	36,960	134,305	36,720	quotation
SR 3-486	Double Flanged Piece, dia 250, L=2,000mm	Nr	1	17,393	63,203	17,281	17,393	63,203	17,281	quotation
SR 3-487	Double Flanged Piece, dia 250, L=3,500mm	Nr	1	30,438	110,606	30,242	30,438	110,606	30,242	quotation
SR 3-488	Double Flanged Piece, dia 250, L=4,000mm	Nr	2	34,787	126,407	34,562	69,574	252,814	69,124	quotation
SR 3-489	Double Flanged Piece, dia 250, L=4,670mm	Nr	1	40,614	147,581	40,352	40,614	147,581	40,352	quotation
SR 3-490	Double Flanged Piece, dia 250, L=5,000mm	Nr	12	43,484	158,009	43,203	521,808	1,896,108	518,436	quotation
SR 3-491	Flanged Spigot Piece with Puddle, dia 250, L=800mm	Nr	1	6,905	25,093	6,861	6,905	25,093	6,861	quotation
SR 3-492	Double Flanged Piece with Puddle, dia 250, L=715mm	Nr	1	6,539	23,761	6,496	6,539	23,761	6,496	quotation
SR 3-493	Double Flanged Piece with Puddle, dia 250, L=1,000mm	Nr	2	9,145	33,232	9,086	18,290	66,464	18,172	quotation
SR 3-494	Double Flanged Piece with Puddle, dia 250, L=3,715mm	Nr	1	33,975	123,458	33,756	33,975	123,458	33,756	quotation
SR 3-495	Flanged Spigot Piece, dia 250, L=1,000mm	Nr	4	8,183	29,736	8,130	32,732	118,944	32,520	quotation
SR 3-496	Flanged Spigot Piece, dia 250, L=1,500mm	Nr	1	12,274	44,604	12,195	12,274	44,604	12,195	quotation
SR 3-497	Double Flanged 45 degree Bend, dia 150 mm	Nr	6	3,517	12,783	3,495	21,102	76,698	20,970	quotation
SR 3-498	Double Flanged 45 degree Bend, dia 250 mm	Nr	2	9,430	34,269	9,370	18,860	68,538	18,740	quotation
SR 3-499	Double Flanged 90 degree Bend, dia 250 mm	Nr	6	8,610	31,289	8,555	51,660	187,734	51,330	quotation
SR 3-500	Double Socket 45 degree Bend, dia 250 mm	Nr	1	6,600	23,986	6,558	6,600	23,986	6,558	quotation
SR 3-501	Double Flanged 90 degree Duckfoot Bend, dia 250 mm	Nr	8	9,472	34,421	9,411	75,776	275,368	75,288	quotation
SR 3-502	All Flanged 150 x 150 Tee	Nr	3	5,958	21,653	5,920	17,874	64,959	17,760	quotation
SR 3-503	All Flanged 250 x 250 Tee	Nr	3	13,988	50,830	13,898	41,964	152,490	41,694	quotation
SR 3-504	Double Flanged 250 x 150 Taper	Nr	5	6,632	24,102	6,590	33,160	120,510	32,950	quotation
SR 3-505	Double Flanged Flexible Expansion Joint, dia 250 mm	Nr	5	76,794	279,050	76,299	383,970	1,395,250	381,495	quotation
SR 3-506	Flange Adapter, dia 150 mm	Nr	3	3,203	11,640	3,182	9,609	34,920	9,546	quotation
SR 3-507	Flange Adapter, dia 250 mm	Nr	13	5,637	20,484	5,600	73,281	266,292	72,800	quotation
SR 3-508	Collar, dia 250 mm	Nr	3	7,621	27,694	7,572	22,863	83,082	22,716	quotation
Total of page BOQ - 491 to SR 3 Bill Summary							1,584,221	5,756,768	1,574,002	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-509	Plug, dia 250 mm Uplands as depicted in drawing No.30-C-17	Nr	2	2,871	10,435	2,853	5,742	20,870	5,706	quotation
SR 3-510	Straight Pipe, dia 400, L=6,000mm	m	6	3,576	12,996	3,553	21,456	77,976	21,318	quotation
SR 3-511	Double Flanged Piece, dia 200, L=1,290mm	Nr	2	8,377	30,443	8,323	16,754	60,886	16,646	quotation
SR 3-512	Double Flanged Piece, dia 300, L=500mm	Nr	1	5,558	20,197	5,522	5,558	20,197	5,522	quotation
SR 3-513	Double Flanged Piece, dia 300, L=1,500mm	Nr	1	16,675	60,593	16,567	16,675	60,593	16,567	quotation
SR 3-514	Double Flanged Piece, dia 350, L=550mm	Nr	1	7,502	27,262	7,454	7,502	27,262	7,454	quotation
SR 3-515	Double Flanged Piece, dia 350, L=1,750mm	Nr	1	23,872	86,745	23,718	23,872	86,745	23,718	quotation
SR 3-516	Double Flanged Piece, dia 400, L=600mm	Nr	2	9,958	36,186	9,894	19,916	72,372	19,788	quotation
SR 3-517	Double Flanged Piece, dia 400, L=1200mm	Nr	2	19,916	72,372	19,788	39,832	144,744	39,576	quotation
SR 3-518	Double Flanged Piece, dia 400, L=1,440mm	Nr	1	23,900	86,847	23,746	23,900	86,847	23,746	quotation
SR 3-519	Double Flanged Piece, dia 400, L=1,800mm	Nr	1	29,875	108,559	29,682	29,875	108,559	29,682	quotation
SR 3-520	Double Flanged Piece, dia 400, L=1,870mm	Nr	2	31,037	112,781	30,837	62,074	225,562	61,674	quotation
SR 3-521	Double Flanged Piece, dia 400, L=2,210mm	Nr	1	36,680	133,286	36,443	36,680	133,286	36,443	quotation
SR 3-522	Double Flanged Piece, dia 400, L=2,450mm	Nr	1	40,663	147,761	40,401	40,663	147,761	40,401	quotation
SR 3-523	Double Flanged Piece, dia 400, L=2,990mm	Nr	1	49,626	180,329	49,306	49,626	180,329	49,306	quotation
SR 3-524	Double Flanged Piece, dia 400, L=4,320mm	Nr	1	71,701	260,542	71,238	71,701	260,542	71,238	quotation
SR 3-525	Double Flanged Piece, dia 400, L=5,000mm	Nr	2	82,987	301,553	82,452	165,974	603,106	164,904	quotation
SR 3-526	Double Flanged Piece, dia 500, L=1,650mm	Nr	1	38,044	138,242	37,798	38,044	138,242	37,798	quotation
SR 3-527	Double Flanged Piece, dia 500, L=2,530mm	Nr	1	58,334	211,972	57,958	58,334	211,972	57,958	quotation
SR 3-528	Double Flanged Piece, dia 500, L=5,000mm	Nr	1	115,285	418,917	114,542	115,285	418,917	114,542	quotation
SR 3-529	Double Flanged Piece with Puddle, dia 400, L=1,200mm	Nr	3	20,910	75,984	20,775	62,730	227,952	62,325	quotation
SR 3-530	Double Flanged Piece with Puddle, dia 400, L=1,510mm	Nr	2	26,312	95,614	26,143	52,624	191,228	52,286	quotation
SR 3-531	Double Flanged Piece with Puddle, dia 500, L=1100mm	Nr	1	26,653	96,852	26,481	26,653	96,852	26,481	quotation
Total of page BOQ - 492 to SR 3 Bill Summary							991,470	3,602,800	985,079	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-532	Double Flanged Piece with Puddle, dia 500, L=1,450mm	Nr	1	35,134	127,669	34,908	35,134	127,669	34,908	quotation
SR 3-533	Flanged Spigot Piece, dia 400, L=1,000mm	Nr	1	15,595	56,668	15,494	15,595	56,668	15,494	quotation
SR 3-534	Flanged Spigot Piece, dia 400, L=1,600mm	Nr	1	24,952	90,670	24,791	24,952	90,670	24,791	quotation
SR 3-535	Flanged Spigot Piece, dia 500, L=1,000mm	Nr	1	21,615	78,545	21,476	21,615	78,545	21,476	quotation
SR 3-536	Flanged Spigot Piece with Puddle, dia 400, L=950mm	Nr	1	15,602	56,694	15,501	15,602	56,694	15,501	quotation
SR 3-537	Flanged Spigot Piece with Puddle, dia 400, L=1,000mm	Nr	1	16,423	59,678	16,317	16,423	59,678	16,317	quotation
SR 3-538	Double Flanged 90 degree Bend, dia 400 mm	Nr	8	20,040	72,822	19,911	160,320	582,576	159,288	quotation
SR 3-539	Double Flanged 90 degree Bend, dia 500 mm	Nr	4	31,742	115,344	31,538	126,968	461,376	126,152	quotation
SR 3-540	Double Flanged 90 degree Duckfoot Bend, dia 400 mm	Nr	3	22,044	80,104	21,902	66,132	240,312	65,706	quotation
SR 3-541	Double Socket 90 degree Bend, dia 400 mm	Nr	1	19,891	72,281	19,763	19,891	72,281	19,763	quotation
SR 3-542	Flanged Bellmouth, dia 200, L=170mm	Nr	2	2,605	9,469	2,589	5,210	18,938	5,178	quotation
SR 3-543	Flanged Bellmouth, dia 400, L=240mm	Nr	2	7,925	28,798	7,874	15,850	57,596	15,748	quotation
SR 3-544	Flanged Bellmouth, dia 500, L=275mm	Nr	2	12,007	43,631	11,929	24,014	87,262	23,858	quotation
SR 3-545	All Flanged 400 x 400 Tee	Nr	3	30,191	109,706	29,996	90,573	329,118	89,988	quotation
SR 3-546	All Flanged 500 x 500 Tee	Nr	1	44,755	162,628	44,466	44,755	162,628	44,466	quotation
SR 3-547	Double Flanged 400 x 200 Taper	Nr	2	12,502	45,429	12,421	25,004	90,858	24,842	quotation
SR 3-548	Double Flanged 400 x 300 Taper	Nr	2	13,861	50,369	13,772	27,722	100,738	27,544	quotation
SR 3-549	Double Flanged 500 x 350 Taper	Nr	2	19,360	70,350	19,235	38,720	140,700	38,470	quotation
SR 3-550	Double Flanged Flexible Expansion Joint, dia 400 mm	Nr	1	120,186	436,725	119,411	120,186	436,725	119,411	quotation
SR 3-551	Flange Adapter, dia 300 mm	Nr	1	7,389	26,851	7,341	7,389	26,851	7,341	quotation
SR 3-552	Flange Adapter, dia 350 mm	Nr	1	9,668	35,132	9,606	9,668	35,132	9,606	quotation
SR 3-553	Flange Adapter, dia 400 mm	Nr	10	11,258	40,910	11,185	112,580	409,100	111,850	quotation
SR 3-554	Flange Adapter, dia 500 mm	Nr	2	16,163	58,734	16,059	32,326	117,468	32,118	quotation
SR 3-555	Collar, dia 400 mm	Nr	2	15,806	57,437	15,704	31,612	114,874	31,408	quotation
Total of page BOQ - 493 to SR 3 Bill Summary							1,088,241	3,954,457	1,081,224	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-556	Collar, dia 500 mm Dangolla as depicted in drawing No.30-C-17	Nr	3	21,037	76,443	20,901	63,111	229,329	62,703	quotation
SR 3-557	Straight Pipe, dia 200, L=6,000mm	m	42	1,377	5,004	1,368	57,834	210,168	57,456	quotation
SR 3-558	Straight Pipe, dia 250, L=6,000mm	m	18	1,826	6,637	1,814	32,868	119,466	32,652	quotation
SR 3-559	Double Flanged Piece, dia 200, L=500mm	Nr	2	3,247	11,799	3,226	6,494	23,598	6,452	quotation
SR 3-560	Double Flanged Piece, dia 200, L=490mm	Nr	1	3,182	11,563	3,161	3,182	11,563	3,161	quotation
SR 3-561	Double Flanged Piece, dia 200, L=770mm	Nr	1	5,000	18,171	4,968	5,000	18,171	4,968	quotation
SR 3-562	Double Flanged Piece, dia 200, L=1,190mm	Nr	1	7,728	28,083	7,678	7,728	28,083	7,678	quotation
SR 3-563	Double Flanged Piece, dia 200, L=2,740mm	Nr	1	17,794	64,662	17,680	17,794	64,662	17,680	quotation
SR 3-564	Double Flanged Piece, dia 200, L=3,020mm	Nr	1	19,613	71,270	19,487	19,613	71,270	19,487	quotation
SR 3-565	Double Flanged Piece, dia 200, L=3,780mm	Nr	3	24,549	89,205	24,390	73,647	267,615	73,170	quotation
SR 3-566	Double Flanged Piece, dia 200, L=4,570mm	Nr	2	29,679	107,849	29,488	59,358	215,698	58,976	quotation
SR 3-567	Double Flanged Piece, dia 250, L=870mm	Nr	2	7,566	27,493	7,517	15,132	54,986	15,034	quotation
SR 3-568	Double Flanged Piece with Puddle, dia 200, L=600mm	Nr	4	4,082	14,836	4,056	16,328	59,344	16,224	quotation
SR 3-569	Double Flanged Piece with Puddle, dia 200, L=950mm	Nr	1	6,464	23,491	6,423	6,464	23,491	6,423	quotation
SR 3-570	Double Flanged Piece with Puddle, dia 200, L=1,060mm	Nr	1	7,213	26,211	7,166	7,213	26,211	7,166	quotation
SR 3-571	Double Flanged Piece with Puddle, dia 200, L=1,120mm	Nr	1	7,621	27,695	7,572	7,621	27,695	7,572	quotation
SR 3-572	Double Flanged Piece with Puddle, dia 200, L=1,150mm	Nr	1	7,825	28,437	7,775	7,825	28,437	7,775	quotation
SR 3-573	Double Flanged Piece with Puddle, dia 250, L=950mm	Nr	2	8,688	31,570	8,632	17,376	63,140	17,264	quotation
SR 3-574	Flanged Spigot Piece, dia 200, L=1,050mm	Nr	1	6,437	23,392	6,395	6,437	23,392	6,395	quotation
SR 3-575	Flanged Spigot Piece, dia 250, L=1,050mm	Nr	1	8,592	31,223	8,537	8,592	31,223	8,537	quotation
SR 3-576	Flanged Spigot Piece with Puddle, dia 200, L=550mm	Nr	2	3,542	12,874	3,520	7,084	25,748	7,040	quotation
SR 3-577	Double Flanged 90 degree Bend, dia 200 mm	Nr	3	5,476	19,899	5,440	16,428	59,697	16,320	quotation
SR 3-578	Double Socket 90 degree Bend, dia 200 mm	Nr	2	5,749	20,893	5,712	11,498	41,786	11,424	quotation
Total of page BOQ - 494 to SR 3 Bill Summary							474,627	1,724,773	471,557	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks	
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs		
SR 3-579	Double Socket 90 degree Bend, dia 250 mm	Nr	1	8,056	29,275	8,004	8,056	29,275	8,004	quotation	
SR 3-580	Double Flanged 90 degree Duckfoot Bend, dia 200 mm	Nr	4	6,023	21,889	5,985	24,092	87,556	23,940	quotation	
SR 3-581	Flanged Bellmouth, dia 200, L=170mm	Nr	2	2,605	9,469	2,589	5,210	18,938	5,178	quotation	
SR 3-582	Flanged Bellmouth, dia 250, L=185mm	Nr	2	3,641	13,234	3,618	7,282	26,468	7,236	quotation	
SR 3-583	All Flanged 200 x 100 Tee	Nr	2	7,462	27,115	7,413	14,924	54,230	14,826	quotation	
SR 3-584	All Flanged 200 x 200 Tee	Nr	4	8,687	31,569	8,631	34,748	126,276	34,524	quotation	
SR 3-585	All Flanged 250 x 250 Tee	Nr	1	13,988	50,830	13,898	13,988	50,830	13,898	quotation	
SR 3-586	Double Flanged 250 x 200 Taper	Nr	2	5,566	20,226	5,530	11,132	40,452	11,060	quotation	
SR 3-587	Double Flanged Flexible Expansion Sigle Joint, dia 200 mm	Nr	3	64,528	234,480	64,112	193,584	703,440	192,336	quotation	
SR 3-588	Double Flanged Flexible Expansion Sigle Joint, dia 250 mm	Nr	1	76,794	279,050	76,299	76,794	279,050	76,299	quotation	
SR 3-589	Flange Adapter, dia 200 mm	Nr	5	4,223	15,348	4,196	21,115	76,740	20,980	quotation	
SR 3-590	Flange Adapter, dia 250 mm	Nr	1	5,637	20,484	5,600	5,637	20,484	5,600	quotation	
SR 3-591	Plug, dia 200 mm	Nr	1	1,975	7,178	1,962	1,975	7,178	1,962	quotation	
SR 3-592	Plug, dia 250 mm	Nr	1	2,871	10,435	2,853	2,871	10,435	2,853	quotation	
SR 3-593	Collar, dia 200 mm	Nr	6	5,878	21,362	5,840	35,268	128,172	35,040	quotation	
SR 3-594	Collar, dia 250 mm	Nr	2	7,621	27,694	7,572	15,242	55,388	15,144	quotation	
	Heerassagala Low as depicted in drawing No.30-C-20										
SR 3-595	Socket Plain End Piece, dia 350, L=930mm	Nr	1	461	1,677	458	461	1,677	458	quotation	
SR 3-596	Double Flanged Piece, dia 150, L=830mm	Nr	1	3,832	13,927	3,808	3,832	13,927	3,808	quotation	
SR 3-597	Double Flanged Piece, dia 200, L=500mm	Nr	1	3,247	11,799	3,226	3,247	11,799	3,226	quotation	
SR 3-598	Double Flanged Piece, dia 200, L=600mm	Nr	1	3,896	14,159	3,871	3,896	14,159	3,871	quotation	
SR 3-599	Double Flanged Piece, dia 200, L=1,500mm	Nr	1	9,741	35,399	9,679	9,741	35,399	9,679	quotation	
Total of page BOQ - 495 to SR 3 Bill Summary							493,095	1,791,873	489,922		

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-600	Double Flanged Piece, dia 350, L=1,000mm	Nr	1	13,641	49,568	13,553	13,641	49,568	13,553	quotation
SR 3-601	Double Flanged Piece, dia 350, L=1,100mm	Nr	1	15,005	54,525	14,908	15,005	54,525	14,908	quotation
SR 3-602	Double Flanged Piece, dia 350, L=1,840mm	Nr	1	25,099	91,206	24,938	25,099	91,206	24,938	quotation
SR 3-603	Double Flanged Piece, dia 350, L=2,175mm	Nr	1	29,669	107,812	29,478	29,669	107,812	29,478	quotation
SR 3-604	Double Flanged Piece, dia 350, L=2,475mm	Nr	1	33,762	122,682	33,544	33,762	122,682	33,544	quotation
SR 3-605	Double Flanged Piece, dia 350, L=2,700mm	Nr	1	36,831	133,835	36,593	36,831	133,835	36,593	quotation
SR 3-606	Double Flanged Piece, dia 350, L=3,080mm	Nr	1	42,015	152,672	41,744	42,015	152,672	41,744	quotation
SR 3-607	Double Flanged Piece with Puddle, dia 150, L=1,010mm	Nr	1	4,907	17,834	4,876	4,907	17,834	4,876	quotation
SR 3-608	Double Flanged Piece with Puddle, dia 250, L=800mm	Nr	1	7,316	26,585	7,269	7,316	26,585	7,269	quotation
SR 3-609	Double Flanged Piece with Puddle, dia 250, L=980mm	Nr	1	8,962	32,567	8,904	8,962	32,567	8,904	quotation
SR 3-610	Double Flanged Piece with Puddle, dia 350, L=550mm	Nr	1	7,863	28,573	7,812	7,863	28,573	7,812	quotation
SR 3-611	Double Flanged Piece with Puddle, dia 350, L=800mm	Nr	2	11,437	41,561	11,363	22,874	83,122	22,726	quotation
SR 3-612	Double Flanged Piece with Puddle, dia 350, L=1,185mm	Nr	1	16,941	61,562	16,832	16,941	61,562	16,832	quotation
SR 3-613	Flanged Spigot Piece with Puddle, dia 350, L=800mm	Nr	1	10,843	39,404	10,774	10,843	39,404	10,774	quotation
SR 3-614	Flanged Spigot Piece, dia 250, L=1,000mm	Nr	2	8,183	29,736	8,130	16,366	59,472	16,260	quotation
SR 3-615	Flanged Spigot Piece, dia 350, L=1,000mm	Nr	2	12,864	46,747	12,781	25,728	93,494	25,562	quotation
SR 3-616	Flanged Spigot Piece, dia 350, L=1,660mm	Nr	1	21,355	77,601	21,218	21,355	77,601	21,218	quotation
SR 3-617	Double Flanged 22.5 degree Bend, dia 250 mm	Nr	1	9,523	34,607	9,462	9,523	34,607	9,462	quotation
SR 3-618	Double Flanged 22.5 degree Bend, dia 350 mm	Nr	2	13,403	48,705	13,317	26,806	97,410	26,634	quotation
SR 3-619	Double Flanged 90 degree Bend, dia 150 mm	Nr	2	3,736	13,577	3,712	7,472	27,154	7,424	quotation
SR 3-620	Double Flanged 90 degree Bend, dia 250 mm	Nr	1	8,610	31,289	8,555	8,610	31,289	8,555	quotation
SR 3-621	Double Flanged 90 degree Bend, dia 350 mm	Nr	3	15,168	55,119	15,070	45,504	165,357	45,210	quotation
SR 3-622	Double Flanged 90 degree Duckfoot Bend, dia 350 mm	Nr	1	16,685	60,631	16,578	16,685	60,631	16,578	quotation
SR 3-623	Flanged Bellmouth, dia 150, L=150mm	Nr	1	1,832	6,659	1,820	1,832	6,659	1,820	quotation
Total of page BOQ - 496 to SR 3 Bill Summary							455,609	1,655,621	452,674	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-624	Flanged Bellmouth, dia 250, L=185mm	Nr	1	3,641	13,234	3,618	3,641	13,234	3,618	quotation
SR 3-625	Flanged Bellmouth, dia 350, L=220mm	Nr	1	6,074	22,072	6,035	6,074	22,072	6,035	quotation
SR 3-626	All Flanged 150 x 100 Tee	Nr	1	5,301	19,266	5,267	5,301	19,266	5,267	quotation
SR 3-627	All Flanged 200 x 200 Tee	Nr	1	8,687	31,569	8,631	8,687	31,569	8,631	quotation
SR 3-628	All Flanged 350 x 200 Tee	Nr	1	20,284	73,710	20,154	20,284	73,710	20,154	quotation
SR 3-629	All Flanged 350 x 350 Tee	Nr	1	23,836	86,616	23,683	23,836	86,616	23,683	quotation
SR 3-630	Double Flanged 200 x 150 Taper	Nr	1	4,071	14,793	4,044	4,071	14,793	4,044	quotation
SR 3-631	Double Flanged 250 x 200 Taper	Nr	2	5,540	20,131	5,504	11,080	40,262	11,008	quotation
SR 3-632	Double Flanged 350 x 200 Taper	Nr	1	10,290	37,392	10,223	10,290	37,392	10,223	quotation
SR 3-633	Flange Adapter, dia 150 mm	Nr	2	3,203	11,640	3,182	6,406	23,280	6,364	quotation
SR 3-634	Flange Adapter, dia 200 mm	Nr	2	4,223	15,348	4,196	8,446	30,696	8,392	quotation
SR 3-635	Flange Adapter, dia 350 mm	Nr	4	9,668	35,132	9,606	38,672	140,528	38,424	quotation
SR 3-636	Collar, dia 250 mm	Nr	1	7,621	27,694	7,572	7,621	27,694	7,572	quotation
SR 3-637	Collar, dia 350 mm	Nr	1	13,073	47,507	12,989	13,073	47,507	12,989	quotation
	Heerassagala Middle as depicted in drawing No.30-C-21									
SR 3-638	Straight Pipe, dia 200, L=6,000mm	m	42	1,377	5,004	1,368	57,834	210,168	57,456	quotation
SR 3-639	Double Flanged Piece, dia 200, L=560mm	Nr	1	3,636	13,215	3,613	3,636	13,215	3,613	quotation
SR 3-640	Double Flanged Piece, dia 200, L=660mm	Nr	2	4,286	15,575	4,258	8,572	31,150	8,516	quotation
SR 3-641	Double Flanged Piece, dia 200, L=750mm	Nr	1	4,870	17,699	4,839	4,870	17,699	4,839	quotation
SR 3-642	Double Flanged Piece, dia 200, L=800mm	Nr	1	5,195	18,879	5,162	5,195	18,879	5,162	quotation
SR 3-643	Double Flanged Piece, dia 200, L=950mm	Nr	2	6,169	22,419	6,129	12,338	44,838	12,258	quotation
SR 3-644	Double Flanged Piece, dia 200, L=1,000mm	Nr	1	6,494	23,599	6,452	6,494	23,599	6,452	quotation
SR 3-645	Double Flanged Piece, dia 200, L=1,440mm	Nr	1	9,352	33,983	9,291	9,352	33,983	9,291	quotation
Total of page BOQ - 497 to SR 3 Bill Summary							275,773	1,002,150	273,991	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-646	Double Flanged Piece, dia 200, L=1,580mm	Nr	1	10,261	37,287	10,195	10,261	37,287	10,195	quotation
SR 3-647	Double Flanged Piece, dia 200, L=4,570mm	Nr	2	29,679	107,849	29,488	59,358	215,698	58,976	quotation
SR 3-648	Double Flanged Piece, dia 250, L=1,100mm	Nr	2	9,566	34,762	9,504	19,132	69,524	19,008	quotation
SR 3-649	Double Flanged Piece with Puddle, dia 200, L=550mm	Nr	1	3,742	13,600	3,718	3,742	13,600	3,718	quotation
SR 3-650	Double Flanged Piece with Puddle, dia 200, L=640mm	Nr	1	4,355	15,825	4,326	4,355	15,825	4,326	quotation
SR 3-651	Double Flanged Piece with Puddle, dia 200, L=650mm	Nr	1	4,423	16,073	4,394	4,423	16,073	4,394	quotation
SR 3-652	Double Flanged Piece with Puddle, dia 200, L=700mm	Nr	3	4,763	17,309	4,732	14,289	51,927	14,196	quotation
SR 3-653	Double Flanged Piece with Puddle, dia 250, L=720mm	Nr	2	6,584	23,927	6,542	13,168	47,854	13,084	quotation
SR 3-654	Double Flanged Piece with Puddle, dia 200, L=980mm	Nr	1	6,668	24,233	6,625	6,668	24,233	6,625	quotation
SR 3-655	Flanged Spigot Piece, dia 200, L=600mm	Nr	1	3,678	13,367	3,654	3,678	13,367	3,654	quotation
SR 3-656	Flanged Spigot Piece, dia 200, L=950mm	Nr	1	5,824	21,164	5,786	5,824	21,164	5,786	quotation
SR 3-657	Flanged Spigot Piece, dia 200, L=1,000mm	Nr	1	6,130	22,278	6,091	6,130	22,278	6,091	quotation
SR 3-658	Flanged Spigot Piece, dia 200, L=1,830mm	Nr	1	11,219	40,769	11,147	11,219	40,769	11,147	quotation
SR 3-659	Flanged Spigot Piece with Puddle, dia 200, L=500mm	Nr	2	3,220	11,703	3,199	6,440	23,406	6,398	quotation
SR 3-660	Double Flanged 22.5 degree Bend, dia 200 mm	Nr	1	5,044	18,332	5,012	5,044	18,332	5,012	quotation
SR 3-661	Double Flanged 45 degree Bend, dia 250 mm	Nr	2	9,430	34,269	9,370	18,860	68,538	18,740	quotation
SR 3-662	Double Flanged 90 degree Bend, dia 200 mm	Nr	2	5,476	19,899	5,440	10,952	39,798	10,880	quotation
SR 3-663	Double Flanged 90 degree Bend, dia 250 mm	Nr	3	8,610	31,289	8,555	25,830	93,867	25,665	quotation
SR 3-664	Double Flanged 90 degree Duckfoot Bend, dia 200 mm	Nr	3	6,571	23,879	6,529	19,713	71,637	19,587	quotation
SR 3-665	Double Socket 22.5 degree Bend, dia 200 mm	Nr	1	4,445	16,153	4,416	4,445	16,153	4,416	quotation
SR 3-666	Double Socket 90 degree Bend, dia 200 mm	Nr	2	5,749	20,893	5,712	11,498	41,786	11,424	quotation
SR 3-667	Flanged Bellmouth, dia 200, L=170mm	Nr	2	2,605	9,469	2,589	5,210	18,938	5,178	quotation
SR 3-668	Flanged Bellmouth, dia 250, L=185mm	Nr	2	3,641	13,234	3,618	7,282	26,468	7,236	quotation
Total of page BOQ - 498 to SR 3 Bill Summary							277,521	1,008,522	275,736	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-669	All Flanged 200 x 150 Tee	Nr	1	8,051	29,256	7,999	8,051	29,256	7,999	quotation
SR 3-670	All Flanged 200 x 200 Tee	Nr	4	8,687	31,569	8,631	34,748	126,276	34,524	quotation
SR 3-671	All Flanged 250 x 250 Tee	Nr	1	13,988	50,830	13,898	13,988	50,830	13,898	quotation
SR 3-672	Dobule Flanged 250 x 200 Taper	Nr	2	5,540	20,131	5,504	11,080	40,262	11,008	quotation
SR 3-673	Double Flanged Flexible Expansion Joint, dia 200 mm	Nr	2	64,528	234,480	64,112	129,056	468,960	128,224	quotation
SR 3-674	Double Flanged Flexible Expansion Joint, dia 250 mm	Nr	1	76,794	279,050	76,299	76,794	279,050	76,299	quotation
SR 3-675	Flange Adapter, dia 200 mm	Nr	7	4,223	15,348	4,196	29,561	107,436	29,372	quotation
SR 3-676	Flange Adapter, dia 250 mm	Nr	4	5,637	20,484	5,600	22,548	81,936	22,400	quotation
SR 3-677	Collar, dia 200 mm	Nr	3	5,878	21,362	5,840	17,634	64,086	17,520	quotation
	Heerassagala Upper as depicted in drawing No.30-C-22									
SR 3-678	Straight Pipe, dia 150, L=6,000mm	m	12	998	3,630	992	11,976	43,560	11,904	quotation
SR 3-679	Straight Pipe, dia 200, L=6,000mm	m	6	1,377	5,004	1,368	8,262	30,024	8,208	quotation
SR 3-680	Double Flanged Piece, dia 80, L=655mm	Nr	1	1,205	4,379	1,197	1,205	4,379	1,197	quotation
SR 3-681	Double Flanged Piece, dia 100, L=300mm	Nr	1	873	3,173	867	873	3,173	867	quotation
SR 3-682	Double Flanged Piece, dia 150, L=700mm	Nr	1	3,232	11,746	3,211	3,232	11,746	3,211	quotation
SR 3-683	Double Flanged Piece, dia 150, L=2,220mm	Nr	1	10,251	37,252	10,185	10,251	37,252	10,185	quotation
SR 3-684	Double Flanged Piece, dia 150, L=2,290mm	Nr	1	10,575	38,427	10,506	10,575	38,427	10,506	quotation
SR 3-685	Double Flanged Piece, dia 150, L=2,620mm	Nr	1	12,099	43,965	12,021	12,099	43,965	12,021	quotation
SR 3-686	Double Flanged Piece, dia 150, L=3,980mm	Nr	1	18,379	66,786	18,261	18,379	66,786	18,261	quotation
SR 3-687	Double Flanged Piece, dia 150, L=4,430mm	Nr	1	20,457	74,337	20,325	20,457	74,337	20,325	quotation
SR 3-688	Double Flanged Piece with Puddle, dia 150, L=600mm	Nr	1	2,915	10,595	2,896	2,915	10,595	2,896	quotation
SR 3-689	Double Flanged Piece with Puddle, dia 150, L=800mm	Nr	1	3,887	14,126	3,862	3,887	14,126	3,862	quotation
SR 3-690	Double Flanged Piece with Puddle, dia 150, L=1,120mm	Nr	1	5,442	19,777	5,407	5,442	19,777	5,407	quotation
Total of page BOQ - 499 to SR 3 Bill Summary							453,013	1,646,239	450,094	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-691	Double Flanged Piece with Puddle, dia 200, L=800mm	Nr	1	5,443	19,782	5,408	5,443	19,782	5,408	quotation
SR 3-692	Flanged Spigot Piece, dia 150, L=650mm	Nr	1	2,822	10,258	2,804	2,822	10,258	2,804	quotation
SR 3-693	Flanged Spigot Piece, dia 150, L=800mm	Nr	1	3,474	12,626	3,452	3,474	12,626	3,452	quotation
SR 3-694	Flanged Spigot Piece, dia 200, L=1,000mm	Nr	1	6,130	22,278	6,091	6,130	22,278	6,091	quotation
SR 3-695	Flanged Spigot Piece with Puddle, dia 150, L=1,050mm	Nr	1	4,814	17,494	4,783	4,814	17,494	4,783	quotation
SR 3-696	Double Flanged 45 degree Bend, dia 150 mm	Nr	1	3,517	12,783	3,495	3,517	12,783	3,495	quotation
SR 3-697	Double Flanged 45 degree Bend, dia 200 mm	Nr	1	4,989	18,130	4,957	4,989	18,130	4,957	quotation
SR 3-698	Double Flanged 90 degree Bend, dia 80 mm	Nr	1	1,803	6,553	1,791	1,803	6,553	1,791	quotation
SR 3-699	Double Flanged 90 degree Bend, dia 150 mm	Nr	4	3,736	13,577	3,712	14,944	54,308	14,848	quotation
SR 3-700	Double Flanged 90 degree Duckfoot Bend, dia 150 mm	Nr	2	4,110	14,935	4,083	8,220	29,870	8,166	quotation
SR 3-701	Double Socket 22.5 degree Bend, dia 150 mm	Nr	2	2,838	10,315	2,820	5,676	20,630	5,640	quotation
SR 3-702	Double Socket 22.5 degree Bend, dia 200 mm	Nr	1	4,445	16,153	4,416	4,445	16,153	4,416	quotation
SR 3-703	Flanged Bellmouth, dia 80, L=130mm	Nr	1	951	3,459	945	951	3,459	945	quotation
SR 3-704	Flanged Bellmouth, dia 150, L=150mm	Nr	1	1,832	6,659	1,820	1,832	6,659	1,820	quotation
SR 3-705	Flanged Bellmouth, dia 200, L=170mm	Nr	1	2,605	9,469	2,589	2,605	9,469	2,589	quotation
SR 3-706	All Flanged 150 x 100 Tee	Nr	1	5,301	19,266	5,267	5,301	19,266	5,267	quotation
SR 3-707	All Flanged 150 x 150 Tee	Nr	2	5,958	21,653	5,920	11,916	43,306	11,840	quotation
SR 3-708	All Flanged 200 x 150 Tee	Nr	1	8,051	29,256	7,999	8,051	29,256	7,999	quotation
SR 3-709	Double Flanged 150 x 80 Taper	Nr	1	2,949	10,716	2,930	2,949	10,716	2,930	quotation
SR 3-710	Dobule Flanged 200 x 100 Taper	Nr	2	4,634	16,842	4,605	9,268	33,684	9,210	quotation
SR 3-711	Flange Adapter, dia 100 mm	Nr	1	2,389	8,682	2,373	2,389	8,682	2,373	quotation
SR 3-712	Flange Adapter, dia 150 mm	Nr	5	3,203	11,640	3,182	16,015	58,200	15,910	quotation
SR 3-713	Collar, dia 150 mm	Nr	4	4,715	17,136	4,685	18,860	68,544	18,740	quotation
Total of page BOQ - 500 to SR 3 Bill Summary							146,414	532,106	145,474	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-714	Collar, dia 200 mm Hantana Place as depicted in drawing No.30-C-23	Nr	2	5,878	21,362	5,840	11,756	42,724	11,680	quotation
SR 3-715	Straight Pipe, dia 200, L=6,000mm	m	18	1,377	5,004	1,368	24,786	90,072	24,624	quotation
SR 3-716	Double Flanged Piece, dia 100, L=605mm	Nr	1	1,761	6,399	1,749	1,761	6,399	1,749	quotation
SR 3-717	Double Flanged Piece, dia 200, L=700mm	Nr	1	4,546	16,519	4,516	4,546	16,519	4,516	quotation
SR 3-718	Double Flanged Piece, dia 200, L=780mm	Nr	3	5,065	18,407	5,032	15,195	55,221	15,096	quotation
SR 3-719	Double Flanged Piece, dia 200, L=1,190mm	Nr	1	7,728	28,083	7,678	7,728	28,083	7,678	quotation
SR 3-720	Double Flanged Piece, dia 200, L=2,110mm	Nr	1	13,703	49,794	13,614	13,703	49,794	13,614	quotation
SR 3-721	Double Flanged Piece, dia 200, L=2,190mm	Nr	1	14,222	51,682	14,131	14,222	51,682	14,131	quotation
SR 3-722	Double Flanged Piece, dia 200, L=2,290mm	Nr	1	14,872	54,042	14,776	14,872	54,042	14,776	quotation
SR 3-723	Double Flanged Piece, dia 200, L=2,390mm	Nr	1	15,521	56,402	15,421	15,521	56,402	15,421	quotation
SR 3-724	Double Flanged Piece, dia 200, L=4,320mm	Nr	1	28,056	101,949	27,875	28,056	101,949	27,875	quotation
SR 3-725	Double Flanged Piece with Puddle, dia 200, L=550mm	Nr	1	3,742	13,600	3,718	3,742	13,600	3,718	quotation
SR 3-726	Double Flanged Piece with Puddle, dia 200, L=600mm	Nr	1	4,082	14,836	4,056	4,082	14,836	4,056	quotation
SR 3-727	Double Flanged Piece with Puddle, dia 200, L=905mm	Nr	2	6,158	22,378	6,118	12,316	44,756	12,236	quotation
SR 3-728	Double Flanged Piece with Puddle, dia 200, L=1,115mm	Nr	1	7,587	27,571	7,538	7,587	27,571	7,538	quotation
SR 3-729	Flange Spigot Piece with Puddle, dia 200, L=625mm	Nr	1	4,025	14,629	3,999	4,025	14,629	3,999	quotation
SR 3-730	Flanged Spigot Piece with Puddle, dia 200, L=775mm	Nr	1	4,992	18,140	4,959	4,992	18,140	4,959	quotation
SR 3-731	Flanged Spigot Piece, dia 200, L=1,000mm	Nr	1	6,130	22,278	6,091	6,130	22,278	6,091	quotation
SR 3-732	Flanged Spigot Piece, dia 200, L=1,350mm	Nr	1	8,276	30,075	8,223	8,276	30,075	8,223	quotation
SR 3-733	Double Flanged 90 degree Bend, dia 100 mm	Nr	1	2,175	7,904	2,161	2,175	7,904	2,161	quotation
SR 3-734	Double Flanged 90 degree Bend, dia 200 mm	Nr	6	5,476	19,899	5,440	32,856	119,394	32,640	quotation
SR 3-735	Double Flanged 90 degree Duckfoot Bend, dia 200 mm	Nr	2	6,023	21,889	5,985	12,046	43,778	11,970	quotation
Total of page BOQ - 501 to SR 3 Bill Summary							250,373	909,848	248,751	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-736	Dobule Socket 45 degree Bend, dia 200 mm	Nr	3	4,943	17,965	4,912	14,829	53,895	14,736	quotation
SR 3-737	Double Socket 90 degree Bend, dia 200 mm	Nr	3	5,749	20,893	5,712	17,247	62,679	17,136	quotation
SR 3-738	Flanged Bellmouth, dia 100, L=135mm	Nr	1	1,109	4,031	1,102	1,109	4,031	1,102	quotation
SR 3-739	Flanged Bellmouth, dia 200, L=170mm	Nr	3	2,605	9,469	2,589	7,815	28,407	7,767	quotation
SR 3-740	All Flanged 200 x 100 Tee	Nr	2	7,462	27,115	7,413	14,924	54,230	14,826	quotation
SR 3-741	All Flanged 200 x 200 Tee	Nr	5	8,687	31,569	8,631	43,435	157,845	43,155	quotation
SR 3-742	Double Flanged 200 x 100 Taper	Nr	1	4,634	16,842	4,605	4,634	16,842	4,605	quotation
SR 3-743	Flange Adapter, dia 125 mm	Nr	2	3,203	11,640	3,182	6,406	23,280	6,364	quotation
SR 3-744	Flange Adapter, dia 200 mm	Nr	6	4,223	15,348	4,196	25,338	92,088	25,176	quotation
SR 3-745	Blank Flange, dia 200 mm	Nr	1	2,011	7,309	1,998	2,011	7,309	1,998	quotation
SR 3-746	Collar, dia 200 mm	Nr	7	5,878	21,362	5,840	41,146	149,534	40,880	quotation
	Ampitiya as depicted in drawing No.30-C-24									
SR 3-747	Straight Pipe, dia 150, L=6,000mm	m	73	998	3,630	992	72,854	264,990	72,416	quotation
SR 3-748	Straight Pipe, dia 200, L=6,000mm	m	58	1,377	5,004	1,368	79,866	290,232	79,344	quotation
SR 3-749	Straight Pipe, dia 250, L=6,000mm	m	7	1,826	6,637	1,814	12,782	46,459	12,698	quotation
SR 3-750	Straight Pipe, dia 300, L=6,000mm	m	24	2,319	8,427	2,304	55,656	202,248	55,296	quotation
SR 3-751	Double Flanged Piece, dia 150, L=1,850mm	Nr	1	8,543	31,044	8,488	8,543	31,044	8,488	quotation
SR 3-752	Double Flanged Piece, dia 250, L=400mm	Nr	1	3,478	12,640	3,456	3,478	12,640	3,456	quotation
SR 3-753	Double Flanged Piece, dia 250, L=2,090mm	Nr	1	18,176	66,048	18,059	18,176	66,048	18,059	quotation
SR 3-754	Double Flanged Piece, dia 300, L=1,250mm	Nr	1	13,895	50,494	13,806	13,895	50,494	13,806	quotation
SR 3-755	Double Flanged Piece with Puddle, dia 300, L=1,200mm	Nr	1	14,044	51,033	13,953	14,044	51,033	13,953	quotation
SR 3-756	Flanged Spigot Piece, dia 150, L=1,000mm	Nr	1	4,343	15,783	4,315	4,343	15,783	4,315	quotation
SR 3-757	Flanged Spigot Piece (PN 25), dia 150, L=1,000mm	Nr	1	4,440	16,136	4,412	4,440	16,136	4,412	quotation
SR 3-758	Flanged Spigot Piece, dia 150, L=700mm	Nr	1	3,040	11,048	3,020	3,040	11,048	3,020	quotation
Total of page BOQ - 502 to SR 3 Bill Summary							470,011	1,708,295	467,008	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-759	Flanged Spigot Piece, dia 200, L=500mm	Nr	1	3,065	11,139	3,045	3,065	11,139	3,045	quotation
SR 3-760	Flanged Spigot Piece, dia 250, L=800mm	Nr	1	6,546	23,789	6,504	6,546	23,789	6,504	quotation
SR 3-761	Flanged Spigot Piece, dia 250, L=1,000mm	Nr	1	8,183	29,736	8,130	8,183	29,736	8,130	quotation
SR 3-762	Flanged Spigot Piece, dia 300, L=1,000mm	Nr	1	10,456	37,997	10,389	10,456	37,997	10,389	quotation
SR 3-763	Double Flanged 11.25 degree Bend, dia 150 mm	Nr	1	3,517	12,780	3,494	3,517	12,780	3,494	quotation
SR 3-764	Double Flanged 11.25 degree Bend, dia 200 mm	Nr	1	5,010	18,206	4,977	5,010	18,206	4,977	quotation
SR 3-765	Double Flanged 22.5 degree Bend, dia 150 mm	Nr	1	3,538	12,857	3,515	3,538	12,857	3,515	quotation
SR 3-766	Double Flanged 90 degree Bend, dia 150 mm	Nr	1	3,736	13,577	3,712	3,736	13,577	3,712	quotation
SR 3-767	Double Flanged 90 degree Bend, dia 250 mm	Nr	2	8,610	31,289	8,555	17,220	62,578	17,110	quotation
SR 3-768	Double Flanged 90 degree Bend, dia 300 mm	Nr	1	11,797	42,869	11,721	11,797	42,869	11,721	quotation
SR 3-769	Double Flanged 90 degree Duckfoot Bend, dia 150 mm	Nr	1	4,110	14,935	4,083	4,110	14,935	4,083	quotation
SR 3-770	Double Flanged 90 degree Duckfoot Bend, dia 250 mm	Nr	2	9,471	34,418	9,410	18,942	68,836	18,820	quotation
SR 3-771	Double Flanged 90 degree Duckfoot Bend, dia 300 mm	Nr	1	12,977	47,156	12,893	12,977	47,156	12,893	quotation
SR 3-772	Double Socket 11.25 degree Bend, dia 150 mm	Nr	1	2,668	9,698	2,651	2,668	9,698	2,651	quotation
SR 3-773	Double Socket 11.25 degree Bend, dia 200 mm	Nr	1	4,136	15,030	4,109	4,136	15,030	4,109	quotation
SR 3-774	Double Socket 11.25 degree Bend, dia 250 mm	Nr	2	5,412	19,666	5,377	10,824	39,332	10,754	quotation
SR 3-775	Double Socket 11.25 degree Bend, dia 300 mm	Nr	1	6,974	25,342	6,929	6,974	25,342	6,929	quotation
SR 3-776	Double Socket 22.5 degree Bend, dia 150 mm	Nr	3	2,838	10,315	2,820	8,514	30,945	8,460	quotation
SR 3-777	Double Socket 22.5 degree Bend, dia 200 mm	Nr	2	4,445	16,153	4,416	8,890	32,306	8,832	quotation
SR 3-778	Double Socket 22.5 degree Bend, dia 250 mm	Nr	1	5,802	21,084	5,764	5,802	21,084	5,764	quotation
SR 3-779	Double Socket 22.5 degree Bend, dia 300 mm	Nr	1	7,596	27,603	7,547	7,596	27,603	7,547	quotation
SR 3-780	Double Socket 45 degree Bend, dia 150 mm	Nr	3	3,053	11,094	3,033	9,159	33,282	9,099	quotation
SR 3-781	Double Socket 45 degree Bend, dia 200 mm	Nr	2	4,943	17,965	4,912	9,886	35,930	9,824	quotation
Total of page BOQ - 503 to SR 3 Bill Summary							183,546	667,007	182,362	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-782	Double Socket 45 degree Bend, dia 250 mm	Nr	3	6,600	23,986	6,558	19,800	71,958	19,674	quotation
SR 3-783	Double Socket 45 degree Bend, dia 300 mm	Nr	1	8,760	31,835	8,704	8,760	31,835	8,704	quotation
SR 3-784	All Flanged 150 x 150 Tee	Nr	1	5,958	21,653	5,920	5,958	21,653	5,920	quotation
SR 3-785	All Socket 250 x 250 Tee	Nr	1	13,988	50,830	13,898	13,988	50,830	13,898	quotation
SR 3-786	Connection Adaptor (PVC/DI), dia 200 mm	Nr	1	8,133	29,555	8,081	8,133	29,555	8,081	quotation
SR 3-787	Restrained Gland/Joint, dia. 150mm (K-Type)	Nr	4	1,136	4,129	1,128	4,544	16,516	4,512	quotation
SR 3-788	Restrained Coupling/Joint, dia. 150mm (T-Type)	Nr	21	1,725	6,270	1,714	36,225	131,670	35,994	quotation
SR 3-789	Collar, dia 150 mm	Nr	5	4,715	17,136	4,685	23,575	85,680	23,425	quotation
SR 3-790	Collar, dia 200 mm	Nr	2	5,878	21,362	5,840	11,756	42,724	11,680	quotation
SR 3-791	Collar, dia 250 mm	Nr	4	7,621	27,694	7,572	30,484	110,776	30,288	quotation
SR 3-792	Collar, dia 300 mm	Nr	1	10,378	37,711	10,311	10,378	37,711	10,311	quotation
	Mullepihilla Low New as depicted in drawing No.30-C-26									
SR 3-793	Plain Ends Piece, dia 150, L=800mm	Nr	1	3,148	11,441	3,128	3,148	11,441	3,128	quotation
SR 3-794	Plain Ends Piece with Puddle, dia 150, L=700mm	Nr	1	2,964	10,773	2,945	2,964	10,773	2,945	quotation
SR 3-795	Double Flanged Piece, dia 80, L=655mm	Nr	1	1,205	4,379	1,197	1,205	4,379	1,197	quotation
SR 3-796	Double Flanged Piece, dia 100, L=570mm	Nr	1	1,659	6,029	1,648	1,659	6,029	1,648	quotation
SR 3-797	Double Flanged Piece, dia 150, L=450mm	Nr	1	2,078	7,551	2,064	2,078	7,551	2,064	quotation
SR 3-798	Double Flanged Piece, dia 150, L=600mm	Nr	1	2,770	10,068	2,752	2,770	10,068	2,752	quotation
SR 3-799	Double Flanged Piece, dia 150, L=1,040mm	Nr	1	4,802	17,451	4,771	4,802	17,451	4,771	quotation
SR 3-800	Double Flanged Piece, dia 150, L=1,110mm	Nr	1	5,125	18,626	5,092	5,125	18,626	5,092	quotation
SR 3-801	Double Flanged Piece, dia 150, L=3,500mm	Nr	1	16,162	58,731	16,058	16,162	58,731	16,058	quotation
SR 3-802	Double Flanged Piece, dia 150, L=4,430mm	Nr	1	20,457	74,337	20,325	20,457	74,337	20,325	quotation
SR 3-803	Double Flanged Piece with Puddle, dia 150, L=600mm	Nr	2	2,915	10,595	2,896	5,830	21,190	5,792	quotation
SR 3-804	Double Flanged Piece with Puddle, dia 150, L=800mm	Nr	1	3,887	14,126	3,862	3,887	14,126	3,862	quotation
Total of page BOQ - 504 to SR 3 Bill Summary							243,688	885,610	242,121	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-805	Double Flanged Piece with Puddle, dia 150, L=920mm	Nr	1	4,470	16,245	4,441	4,470	16,245	4,441	quotation
SR 3-806	Flanged Spigot Piece, dia 150, L=600mm	Nr	1	2,605	9,469	2,589	2,605	9,469	2,589	quotation
SR 3-807	Flanged Spigot Piece with Puddle, dia 150, L=780mm	Nr	1	3,576	12,995	3,553	3,576	12,995	3,553	quotation
SR 3-808	Flanged Spigot Piece with Puddle, dia 150, L=850mm	Nr	1	3,897	14,161	3,871	3,897	14,161	3,871	quotation
SR 3-809	Flanged Spigot Piece with Puddle, dia 150, L=2,000mm	Nr	1	9,170	33,322	9,111	9,170	33,322	9,111	quotation
SR 3-810	Double Flanged 90 degree Bend, dia 80 mm	Nr	1	1,803	6,553	1,791	1,803	6,553	1,791	quotation
SR 3-811	Double Flanged 90 degree Bend, dia 150 mm	Nr	2	3,736	13,577	3,712	7,472	27,154	7,424	quotation
SR 3-812	Double Flanged 90 degree Duckfoot Bend, dia 150 mm	Nr	2	4,110	14,935	4,083	8,220	29,870	8,166	quotation
SR 3-813	Flanged Bellmouth, dia 80, L=130mm	Nr	1	951	3,459	945	951	3,459	945	quotation
SR 3-814	Flanged Bellmouth, dia 150, L=150mm	Nr	2	1,832	6,659	1,820	3,664	13,318	3,640	quotation
SR 3-815	All Flanged 100 x 100 Tee	Nr	1	3,459	12,570	3,436	3,459	12,570	3,436	quotation
SR 3-816	All Flanged 150 x 100 Tee	Nr	2	5,301	19,266	5,267	10,602	38,532	10,534	quotation
SR 3-817	All Flanged 150 x 150 Tee	Nr	1	5,958	21,653	5,920	5,958	21,653	5,920	quotation
SR 3-818	Double Flanged 150 x 80 Taper	Nr	1	2,949	10,716	2,930	2,949	10,716	2,930	quotation
SR 3-819	Double Flanged 150 x 100 Taper	Nr	2	2,802	10,184	2,784	5,604	20,368	5,568	quotation
SR 3-820	Double Flanged Flexible Expansion Joint, dia 150 mm	Nr	2	50,557	183,712	50,231	101,114	367,424	100,462	quotation
SR 3-821	Flange Adapter, dia 150 mm	Nr	4	3,203	11,640	3,182	12,812	46,560	12,728	quotation
SR 3-822	Collar, dia 150 mm	Nr	3	4,715	17,136	4,685	14,145	51,408	14,055	quotation
	Elhena as depicted in drawing No.30-C-27									
SR 3-823	Straight Pipe, dia 200, L=6,000mm	m	12	1,377	5,004	1,368	16,524	60,048	16,416	quotation
SR 3-824	Straight Pipe, dia 250, L=6,000mm	m	6	1,826	6,637	1,814	10,956	39,822	10,884	quotation
SR 3-825	Double Flanged Piece, dia 80, L=655mm	Nr	2	1,205	4,379	1,197	2,410	8,758	2,394	quotation
SR 3-826	Double Flanged Piece, dia 200, L=600mm	Nr	2	3,896	14,159	3,871	7,792	28,318	7,742	quotation
Total of page BOQ - 505 to SR 3 Bill Summary							240,153	872,723	238,600	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-827	Double Flanged Piece, dia 200, L=700mm	Nr	2	4,546	16,519	4,516	9,092	33,038	9,032	quotation
SR 3-828	Double Flanged Piece, dia 200, L=1,290mm	Nr	2	8,377	30,443	8,323	16,754	60,886	16,646	quotation
SR 3-829	Double Flanged Piece, dia 200, L=2,680mm	Nr	2	17,405	63,246	17,293	34,810	126,492	34,586	quotation
SR 3-830	Double Flanged Piece, dia 200, L=3,640mm	Nr	2	23,639	85,901	23,487	47,278	171,802	46,974	quotation
SR 3-831	Double Flanged Piece, dia 200, L=4,270mm	Nr	2	27,731	100,769	27,552	55,462	201,538	55,104	quotation
SR 3-832	Double Flanged Piece, dia 250, L=550mm	Nr	1	4,783	17,381	4,752	4,783	17,381	4,752	quotation
SR 3-833	Double Flanged Piece, dia 250, L=600mm	Nr	2	5,218	18,961	5,184	10,436	37,922	10,368	quotation
SR 3-834	Double Flanged Piece, dia 250, L=4,200mm	Nr	2	36,526	132,728	36,291	73,052	265,456	72,582	quotation
SR 3-835	Double Flanged Piece with Puddle, dia 100, L=775mm	Nr	1	2,362	8,586	2,347	2,362	8,586	2,347	quotation
SR 3-836	Double Flanged Piece with Puddle, dia 200, L=600mm	Nr	2	4,082	14,836	4,056	8,164	29,672	8,112	quotation
SR 3-837	Double Flanged Piece with Puddle, dia 200, L=700mm	Nr	1	4,763	17,309	4,732	4,763	17,309	4,732	quotation
SR 3-838	Double Flanged Piece with Puddle, dia 200, L=740mm	Nr	1	5,035	18,298	5,003	5,035	18,298	5,003	quotation
SR 3-839	Double Flanged Piece with Puddle, dia 250, L=1,020mm	Nr	2	9,328	33,897	9,268	18,656	67,794	18,536	quotation
SR 3-840	Flanged Socket Piece, dia 200 mm	Nr	1	4,208	15,293	4,181	4,208	15,293	4,181	quotation
SR 3-841	Flanged Spigot Piece, dia 200, L=950mm	Nr	2	5,824	21,164	5,786	11,648	42,328	11,572	quotation
SR 3-842	Flanged Spigot Piece, dia 200, L=965mm	Nr	2	5,916	21,498	5,878	11,832	42,996	11,756	quotation
SR 3-843	Flanged Spigot Piece, dia 200, L=1,000mm	Nr	2	6,130	22,278	6,091	12,260	44,556	12,182	quotation
SR 3-844	Flanged Spigot Piece, dia 200, L=1,140mm	Nr	1	6,989	25,397	6,944	6,989	25,397	6,944	quotation
SR 3-845	Flanged Spigot Piece, dia 200, L=1,530mm	Nr	1	9,380	34,086	9,319	9,380	34,086	9,319	quotation
SR 3-846	Flanged Spigot Piece, dia 250, L=600mm	Nr	1	4,909	17,841	4,878	4,909	17,841	4,878	quotation
SR 3-847	Flanged Spigot Piece, dia 250, L=1,000mm	Nr	2	8,183	29,736	8,130	16,366	59,472	16,260	quotation
SR 3-848	Flanged Spigot Piece with Puddle, dia 200, L=750mm	Nr	2	4,831	17,555	4,799	9,662	35,110	9,598	quotation
SR 3-849	Flanged Spigot Piece with Puddle, dia 200, L=860mm	Nr	2	5,539	20,130	5,504	11,078	40,260	11,008	quotation
SR 3-850	Double Flanged 22.5 degreeBend, dia 100 mm	Nr	2	2,106	7,654	2,092	4,212	15,308	4,184	quotation
Total of page BOQ - 506 to SR 3 Bill Summary							393,191	1,428,821	390,656	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-851	Double Flanged 22.5 degree Bend, dia 150 mm	Nr	1	3,538	12,857	3,515	3,538	12,857	3,515	quotation
SR 3-852	Double Flanged 90 degree Bend, dia 80 mm	Nr	2	1,803	6,553	1,791	3,606	13,106	3,582	quotation
SR 3-853	Double Flanged 90 degree Bend, dia 200 mm	Nr	6	5,476	19,899	5,440	32,856	119,394	32,640	quotation
SR 3-854	Double Flanged 90 degree Bend, dia 250 mm	Nr	2	8,610	31,289	8,555	17,220	62,578	17,110	quotation
SR 3-855	Double Flanged 90 degree Duckfoot Bend, dia 200 mm	Nr	5	6,023	21,889	5,985	30,115	109,445	29,925	quotation
SR 3-856	Double Flanged 90 degree Duckfoot Bend, dia 250 mm	Nr	1	9,471	34,418	9,410	9,471	34,418	9,410	quotation
SR 3-857	Double Socket 22.5 degree Bend, dia 200 mm	Nr	1	4,445	16,153	4,416	4,445	16,153	4,416	quotation
SR 3-858	Double Socket 90 degree Bend, dia 200 mm	Nr	3	5,749	20,893	5,712	17,247	62,679	17,136	quotation
SR 3-859	Double Socket 90 degree Bend, dia 250 mm	Nr	2	8,056	29,275	8,004	16,112	58,550	16,008	quotation
SR 3-860	Flanged Bellmouth, dia 80, L=130mm	Nr	2	951	3,459	945	1,902	6,918	1,890	quotation
SR 3-861	Flanged Bellmouth, dia 200, L=170mm	Nr	2	2,605	9,469	2,589	5,210	18,938	5,178	quotation
SR 3-862	Flanged Bellmouth, dia 250, L=185mm	Nr	2	3,641	13,234	3,618	7,282	26,468	7,236	quotation
SR 3-863	All Flanged 200 x 100 Tee	Nr	2	7,462	27,115	7,413	14,924	54,230	14,826	quotation
SR 3-864	All Flanged 200 x 200 Tee	Nr	4	8,687	31,569	8,631	34,748	126,276	34,524	quotation
SR 3-865	All Flanged 250 x 250 Tee	Nr	1	13,988	50,830	13,898	13,988	50,830	13,898	quotation
SR 3-866	Double Flanged 150 x 80 Taper	Nr	2	2,949	10,716	2,930	5,898	21,432	5,860	quotation
SR 3-867	Double Flanged 200 x 100 Taper	Nr	2	4,634	16,842	4,605	9,268	33,684	9,210	quotation
SR 3-868	Double Flanged 250 x 150 Taper	Nr	2	6,632	24,102	6,590	13,264	48,204	13,180	quotation
SR 3-869	Double Flanged Flexible Expansion Joint, dia 200 mm	Nr	1	64,528	234,480	64,112	64,528	234,480	64,112	quotation
SR 3-870	Double Flanged Flexible Expansion Joint, dia 250 mm	Nr	1	76,794	279,050	76,299	76,794	279,050	76,299	quotation
SR 3-871	Flange Adapter, dia 100 mm	Nr	1	2,388	8,679	2,373	2,388	8,679	2,373	quotation
SR 3-872	Flange Adapter, dia 125 mm	Nr	1	3,203	11,640	3,182	3,203	11,640	3,182	quotation
SR 3-873	Flange Adapter, dia 200 mm	Nr	8	4,223	15,348	4,196	33,784	122,784	33,568	quotation
Total of page BOQ - 507 to SR 3 Bill Summary							421,791	1,532,793	419,078	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-874	Flange Adapter, dia 250 mm	Nr	4	5,637	20,484	5,600	22,548	81,936	22,400	quotation
SR 3-875	Collar, dia 200 mm	Nr	5	5,878	21,362	5,840	29,390	106,810	29,200	quotation
	VALVES									
	Kurugoda as depicted in drawing No.30-C-01									
SR 3-876	Sluice Valve, dia 150 mm	Nr	2	4,085	14,847	4,059	8,170	29,694	8,118	Rate 2001
SR 3-877	Sluice Valve, dia 200 mm	Nr	2	5,625	20,440	5,588	11,250	40,880	11,176	Rate 2001
SR 3-878	Sluice Valve, dia 300 mm	Nr	2	6,660	24,202	6,617	13,320	48,404	13,234	Rate 2001
SR 3-879	Butterfly Valve, dia 350 mm	Nr	2	14,675	53,328	14,581	29,350	106,656	29,162	Rate 2001
SR 3-880	Butterfly Float Valve, dia 125 mm (SUS)	Nr	2	453,996	1,649,698	451,070	907,992	3,299,396	902,140	quotation
SR 3-881	Ball Valve, dia 100 mm	Nr	2	5,280	19,187	5,246	10,560	38,374	10,492	Rate 2001
SR 3-882	Single Orifice Air Valve, dia 100 mm	Nr	2	49,016	178,112	48,700	98,032	356,224	97,400	quotation
SR 3-883	Flow Meter, dia 150 mm	Nr	1	91,773	333,480	91,182	91,773	333,480	91,182	quotation
SR 3-884	Flow Meter, dia 200 mm	Nr	1	111,547	405,333	110,828	111,547	405,333	110,828	quotation
SR 3-885	Toothed Vane Butterfly Valve, dia 150 mm	Nr	1	168,955	613,937	167,866	168,955	613,937	167,866	quotation
	Akurana as depicted in drawing No.30-C-02									
SR 3-886	Sluice Valve, dia 200 mm	Nr	2	5,642	20,504	5,606	11,284	41,008	11,212	Rate 2001
SR 3-887	Float Valve , dia 200 mm	Nr	2	21,014	76,362	20,879	42,028	152,724	41,758	Rate 2001
SR 3-888	Flow Meter, dia 150 mm	Nr	1	91,773	333,480	91,182	91,773	333,480	91,182	quotation
SR 3-889	Toothed Vane Vale, dia 200 mm	Nr	1	195,643	710,914	194,382	195,643	710,914	194,382	quotation
	Thelambughawatta as depicted in drawing No.30-C-03									
SR 3-890	Sluice Valve, dia 200 mm	Nr	3	5,642	20,504	5,606	16,926	61,512	16,818	Rate 2001
SR 3-891	Sluice Valve, dia 250 mm	Nr	2	6,148	22,342	6,108	12,296	44,684	12,216	Rate 2001
SR 3-892	Butterfly Float Valve, dia 125 mm (SUS)	Nr	1	453,995	1,649,696	451,069	453,995	1,649,696	451,069	quotation
Total of page BOQ - 508 to SR 3 Bill Summary							2,326,832	8,455,142	2,311,835	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-893	Flow Meter, dia 125 mm	Nr	1	70,363	255,681	69,909	70,363	255,681	69,909	quotation
SR 3-894	Flow Meter, dia 200 mm	Nr	1	111,547	405,333	110,828	111,547	405,333	110,828	quotation
SR 3-895	Toothed Vane Butterfly Valve, dia 200 mm	Nr	1	195,643	710,914	194,382	195,643	710,914	194,382	quotation
	Kahawatta as depicted in drawing No.30-C-04									
SR 3-896	Sluice Valve, dia 300 mm	Nr	3	6,660	24,201	6,617	19,980	72,603	19,851	Rate 2001
SR 3-897	Butterfly Valve, dia 400 mm	Nr	2	29,824	108,373	29,631	59,648	216,746	59,262	Rate 2001
SR 3-898	Butterfly Valve, dia 500 mm	Nr	1	47,583	172,907	47,277	47,583	172,907	47,277	Rate 2001
SR 3-899	Butterfly Float Valve, dia 300 mm (SUS)	Nr	1	1,206,678	4,384,739	1,198,901	1,206,678	4,384,739	1,198,901	quotation
SR 3-900	Flow Meter, dia 200 mm	Nr	1	111,547	405,333	110,828	111,547	405,333	110,828	quotation
SR 3-901	Flow Meter, dia 400 mm	Nr	1	195,339	709,811	194,080	195,339	709,811	194,080	quotation
SR 3-902	Toothed Vane Butterfly Valve, dia 400 mm	Nr	1	427,235	1,552,456	424,481	427,235	1,552,456	424,481	quotation
	Kahalla as depicted in drawing No.30-C-05									
SR 3-903	Sluice Valve, dia 150 mm	Nr	1	4,085	14,847	4,059	4,085	14,847	4,059	Rate 2001
SR 3-904	Sluice Valve, dia 200 mm	Nr	3	5,642	20,504	5,606	16,926	61,512	16,818	Rate 2001
SR 3-905	Butterfly Float Valve, dia 125 mm (SUS)	Nr	1	453,995	1,649,696	451,069	453,995	1,649,696	451,069	quotation
SR 3-906	Flow Meter, dia 150 mm	Nr	1	91,773	333,480	91,182	91,773	333,480	91,182	quotation
SR 3-907	Flow Meter, dia 200 mm	Nr	1	111,547	405,333	110,828	111,547	405,333	110,828	quotation
SR 3-908	Toothed Vane Butterfly Valve, dia 200 mm	Nr	1	195,643	710,914	194,382	195,643	710,914	194,382	quotation
	Bangalawatta as depicted in drawing N0.30-C-07									
SR 3-909	Sluice Valve, dia 150 mm	Nr	6	4,068	14,783	4,042	24,408	88,698	24,252	Rate 2001
SR 3-910	Sluice Valve, dia 200 mm	Nr	3	5,642	20,504	5,606	16,926	61,512	16,818	Rate 2001
SR 3-911	Sluice Valve, dia 250 mm	Nr	4	6,148	22,342	6,108	24,592	89,368	24,432	Rate 2001
SR 3-912	Ball Valve, dia 100 mm	Nr	2	5,280	19,187	5,246	10,560	38,374	10,492	Rate 2001
Total of page BOQ - 509 to SR 3 Bill Summary							3,396,018	12,340,257	3,374,131	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-913	Butterfly Float Valve, dia 100 mm (SUS)	Nr	2	366,185	1,330,618	363,825	732,370	2,661,236	727,650	quotation
SR 3-914	Flow Meter, dia 125 mm	Nr	1	70,363	255,681	69,909	70,363	255,681	69,909	quotation
SR 3-915	Flow Meter, dia 200 mm	Nr	1	111,547	405,333	110,828	111,547	405,333	110,828	quotation
SR 3-916	Single Orifice Air Valve, dia 100 mm	Nr	2	49,016	178,112	48,700	98,032	356,224	97,400	quotation
SR 3-917	Toothed Vane Butterfly Valve, dia 150 mm	Nr	1	168,955	613,937	167,866	168,955	613,937	167,866	quotation
	Pihilladeniya as depicted in drawing NO.30-C-08									
SR 3-918	Sluice Valve, dia 100 mm	Nr	2	2,529	9,191	2,513	5,058	18,382	5,026	Rate 2001
SR 3-919	Sluice Valve, dia 150 mm	Nr	1	4,085	14,847	4,059	4,085	14,847	4,059	Rate 2001
SR 3-920	Sluice Valve, dia 200 mm	Nr	4	5,642	20,504	5,606	22,568	82,016	22,424	Rate 2001
SR 3-921	Ball Valve, dia 100 mm	Nr	1	5,280	19,187	5,246	5,280	19,187	5,246	Rate 2001
SR 3-922	Butterfly Float Valve, dia 80 mm (SUS)	Nr	1	247,835	900,566	246,238	247,835	900,566	246,238	quotation
SR 3-923	Flow Meter, dia 100 mm	Nr	2	49,272	179,044	48,955	98,544	358,088	97,910	quotation
SR 3-924	Flow Meter, dia 125 mm	Nr	1	70,363	255,681	69,909	70,363	255,681	69,909	quotation
SR 3-925	Single Orifice Air Valve, dia 100 mm	Nr	1	49,016	178,112	48,700	49,016	178,112	48,700	quotation
	Kurugammana as depicted in drawing No.30-C-09									
SR 3-926	Sluice Valve, dia 150 mm	Nr	2	4,085	14,847	4,059	8,170	29,694	8,118	Rate 2001
SR 3-927	Sluice Valve, dia 200 mm	Nr	1	5,642	20,504	5,606	5,642	20,504	5,606	Rate 2001
SR 3-928	Sluice Valve, dia 250 mm	Nr	1	6,148	22,342	6,108	6,148	22,342	6,108	Rate 2001
SR 3-929	Ball Valve, dia 150 mm	Nr	1	12,425	45,150	12,345	12,425	45,150	12,345	Rate 2001
SR 3-930	Butterfly Float Valve, dia 100 mm (SUS)	Nr	1	366,185	1,330,618	363,825	366,185	1,330,618	363,825	quotation
SR 3-931	Flow Meter, dia 150 mm	Nr	1	91,773	333,480	91,182	91,773	333,480	91,182	quotation
SR 3-932	Single Orifice Air Valve, dia 150 mm	Nr	1	102,269	371,621	101,610	102,269	371,621	101,610	quotation
	Kondadeniya as depicted in drawing No.30-C-10									
Total of page BOQ - 510 to SR 3 Bill Summary							2,276,628	8,272,699	2,261,959	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-933	Sluice Valve, dia 200 mm	Nr	4	5,642	20,504	5,606	22,568	82,016	22,424	Rate 2001
SR 3-934	Ball Valve, dia 100 mm	Nr	1	5,280	19,187	5,246	5,280	19,187	5,246	Rate 2001
SR 3-935	Butterfly Float Valve, dia 125 mm (SUS)	Nr	1	453,995	1,649,696	451,069	453,995	1,649,696	451,069	quotation
SR 3-936	Flow Meter, dia 200 mm	Nr	3	111,547	405,333	110,828	334,641	1,215,999	332,484	quotation
SR 3-937	Single Orifice Air Valve, dia 100 mm	Nr	1	49,016	178,112	48,700	49,016	178,112	48,700	quotation
SR 3-938	Toothed Vane Butterfly Valve, dia 200 mm Gohagoda as depicted in drawing No.30-C-12	Nr	1	195,643	710,914	194,382	195,643	710,914	194,382	quotation
SR 3-939	Sluice Valve, dia 150 mm	Nr	6	4,085	14,847	4,059	24,510	89,082	24,354	Rate 2001
SR 3-940	Ball Valve, dia 150 mm	Nr	1	12,425	45,150	12,345	12,425	45,150	12,345	Rate 2001
SR 3-941	Butterfly Float Valve, dia 80 mm (SUS)	Nr	1	247,835	900,566	246,238	247,835	900,566	246,238	quotation
SR 3-942	Flow Meter, dia 65 mm	Nr	1	36,934	134,210	36,696	36,934	134,210	36,696	quotation
SR 3-943	Flow Meter, dia 80 mm	Nr	1	38,703	140,638	38,454	38,703	140,638	38,454	quotation
SR 3-944	Flow Meter, dia 125 mm	Nr	1	70,363	255,681	69,909	70,363	255,681	69,909	quotation
SR 3-945	Single Orifice Air Valve, dia 150 mm	Nr	1	102,269	371,621	101,610	102,269	371,621	101,610	quotation
SR 3-946	Toothed Vane Butterfly Valve, dia 150 mm Asgiriya as depicted in drawing No.30-C-13	Nr	1	168,955	613,937	167,866	168,955	613,937	167,866	quotation
SR 3-947	Butterfly Float Valve, dia 350 mm (SUS)	Nr	2	1,415,765	5,144,505	1,406,641	2,831,530	10,289,010	2,813,282	quotation
SR 3-948	Butterfly Valve, dia 450 mm	Nr	2	47,510	172,642	47,204	95,020	345,284	94,408	Rate 2001
SR 3-949	Butterfly Valve, dia 500 mm	Nr	4	47,584	172,908	47,277	190,336	691,632	189,108	Rate 2001
SR 3-950	Butterfly Valve, dia 600 mm	Nr	2	67,977	247,011	67,539	135,954	494,022	135,078	Rate 2001
SR 3-951	Flow Meter, dia 450 mm	Nr	1	248,861	904,293	247,257	248,861	904,293	247,257	quotation
SR 3-952	Flow Meter, dia 500 mm	Nr	1	302,502	1,099,210	300,552	302,502	1,099,210	300,552	quotation
SR 3-953	Toothed Vane Butterfly Valve, dia 500 mm	Nr	1	552,247	2,006,715	548,687	552,247	2,006,715	548,687	quotation
Total of page BOQ - 511 to SR 3 Bill Summary							6,119,587	22,236,975	6,080,149	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
Bahirawakanda as depicted in drawing No.30-C-15										
SR 3-954	Sluice Valve, dia 150 mm	Nr	2	4,085	14,847	4,059	8,170	29,694	8,118	Rate 2001
SR 3-955	Sluice Valve, dia 250 mm	Nr	5	6,148	22,342	6,108	30,740	111,710	30,540	Rate 2001
SR 3-956	Butterfly Float Valve, dia 125 mm (SUS)	Nr	1	453,995	1,649,696	451,069	453,995	1,649,696	451,069	quotation
SR 3-957	Flow Meter, dia 150 mm	Nr	2	91,773	333,480	91,182	183,546	666,960	182,364	quotation
Uplands as depicted in drawing No.30-C-16										
SR 3-958	Butterfly Valve, dia 400 mm	Nr	4	29,824	108,373	29,631	119,296	433,492	118,524	Rate 2001
SR 3-959	Butterfly Valve, dia 500 mm	Nr	2	47,584	172,908	47,277	95,168	345,816	94,554	Rate 2001
SR 3-960	Butterfly Float Valve, dia 200 mm (SUS)	Nr	2	746,557	2,712,785	741,745	1,493,114	5,425,570	1,483,490	quotation
SR 3-961	Flow Meter, dia 300 mm	Nr	1	154,501	561,417	153,505	154,501	561,417	153,505	quotation
SR 3-962	Flow Meter, dia 350 mm	Nr	1	166,317	604,354	165,246	166,317	604,354	165,246	quotation
SR 3-963	Toothed Vane Butterfly Valve, dia 300 mm	Nr	1	326,210	1,185,360	324,108	326,210	1,185,360	324,108	quotation
Dangolla as depicted in drawing No.30-C-18										
SR 3-964	Sluice Valve, dia 200 mm	Nr	4	5,642	20,504	5,606	22,568	82,016	22,424	Rate 2001
SR 3-965	Sluice Valve, dia 250 mm	Nr	2	6,148	22,342	6,108	12,296	44,684	12,216	Rate 2001
SR 3-966	Ball Valve, dia 100 mm	Nr	2	5,280	19,187	5,246	10,560	38,374	10,492	quotation
SR 3-967	Butterfly Float Valve, dia 125 mm (SUS)	Nr	2	453,995	1,649,696	451,069	907,990	3,299,392	902,138	quotation
SR 3-968	Flow Meter, dia 200 mm	Nr	1	111,547	405,333	110,828	111,547	405,333	110,828	quotation
SR 3-969	Single Orifice Air Valve, dia 100 mm	Nr	2	49,016	178,112	48,700	98,032	356,224	97,400	quotation
Heerassagala Low as depicted in drawing No.30-C-19										
SR 3-970	Sluice Valve, dia 200 mm	Nr	2	5,642	20,504	5,606	11,284	41,008	11,212	Rate 2001
Total of page BOQ - 512 to SR 3 Bill Summary							4,205,334	15,281,100	4,178,228	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks	
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs		
SR 3-971	Butterfly Valve, dia 350 mm	Nr	2	12,888	46,834	12,805	25,776	93,668	25,610	Rate 2001	
SR 3-972	Ball Valve, dia 100 mm	Nr	1	5,280	19,187	5,246	5,280	19,187	5,246	Rate 2001	
SR 3-973	Butterfly Float Valve, dia 150 mm (SUS)	Nr	1	559,274	2,032,252	555,670	559,274	2,032,252	555,670	quotation	
SR 3-974	Single Orifice Air Valve, dia 100 mm	Nr	1	49,016	178,112	48,700	49,016	178,112	48,700	quotation	
SR 3-975	Flow Meter, dia 200 mm	Nr	1	111,547	405,333	110,828	111,547	405,333	110,828	quotation	
	Heerassagala Middle as depicted in drawing No.30-C-20										
SR 3-976	Sluice Valve, dia 150 mm	Nr	1	4,085	14,847	4,059	4,085	14,847	4,059	Rate 2001	
SR 3-977	Sluice Valve, dia 200 mm	Nr	5	5,642	20,504	5,606	28,210	102,520	28,030	Rate 2001	
SR 3-978	Sluice Valve, dia 250 mm	Nr	2	6,148	22,342	6,108	12,296	44,684	12,216	Rate 2001	
SR 3-979	Butterfly Float Valve, dia 125 mm (SUS)	Nr	2	453,995	1,649,696	451,069	907,990	3,299,392	902,138	quotation	
SR 3-980	Flow Meter, dia 200 mm	Nr	1	111,547	405,333	110,828	111,547	405,333	110,828	quotation	
	Heerassagala Upper as depicted in drawing No.30-C-21										
SR 3-981	Sluice Valve, dia 150 mm	Nr	3	4,085	14,847	4,059	12,255	44,541	12,177	Rate 2001	
SR 3-982	Sluice Valve, dia 200 mm	Nr	1	5,642	20,504	5,606	5,642	20,504	5,606	Rate 2001	
SR 3-983	Ball Valve, dia 150 mm	Nr	1	12,425	45,150	12,345	12,425	45,150	12,345	Rate 2001	
SR 3-984	Butterfly Float Valve, dia 80 mm (SUS)	Nr	1	247,835	900,566	246,238	247,835	900,566	246,238	quotation	
SR 3-985	Single Orifice Air Valve, dia 150 mm	Nr	1	102,269	371,621	101,610	102,269	371,621	101,610	quotation	
SR 3-986	Flow Meter, dia 100 mm	Nr	1	49,272	179,044	48,955	49,272	179,044	48,955	quotation	
	Hantana Place as depicted in drawing No.30-C-22										
SR 3-987	Sluice Valve, dia 125 mm	Nr	1	2,529	9,191	2,513	2,529	9,191	2,513	Rate 2001	
SR 3-988	Sluice Valve, dia 200 mm	Nr	6	5,642	20,504	5,606	33,852	123,024	33,636	Rate 2001	
SR 3-989	Ball Valve, dia 100 mm	Nr	2	5,280	19,187	5,246	10,560	38,374	10,492	Rate 2001	
SR 3-990	Butterfly Float Valve, dia 100 mm (SUS)	Nr	1	366,185	1,330,618	363,825	366,185	1,330,618	363,825	quotation	
Total of page BOQ - 513 to SR 3 Bill Summary							2,657,845	9,657,961	2,640,722		

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 3: Supply of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 3-991	Single Orifice Air Valve, dia 100 mm	Nr	3	49,016	178,112	48,700	147,048	534,336	146,100	quotation
SR 3-992	Flow Meter, dia 125 mm Ampitiya as depicted in drawing No.30-C-23	Nr	2	70,363	255,681	69,909	140,726	511,362	139,818	quotation
SR 3-993	Butterfly Float Valve, dia 300 mm Mullepihilla Low New as depicted in drawing No.30-C-25	Nr	1	1,206,678	4,384,739	1,198,901	1,206,678	4,384,739	1,198,901	quotation
SR 3-994	Sluice Valve, dia 150 mm	Nr	5	4,085	14,847	4,059	20,425	74,235	20,295	Rate 2001
SR 3-995	Ball Valve, dia 150 mm	Nr	1	12,425	45,150	12,345	12,425	45,150	12,345	Rate 2001
SR 3-996	Butterfly Float Valve, dia 80 mm (SUS)	Nr	1	247,835	900,566	246,238	247,835	900,566	246,238	quotation
SR 3-997	Flow Meter, dia 100 mm	Nr	1	49,272	179,044	48,955	49,272	179,044	48,955	quotation
SR 3-998	Flow Meter, dia 125 mm	Nr	1	70,363	255,681	69,909	70,363	255,681	69,909	quotation
SR 3-999	Single Orifice Air Valve, dia 150 mm Elhena as depicted in drawing No.30-C-26	Nr	1	102,269	371,621	101,610	102,269	371,621	101,610	quotation
SR3-1000	Sluice Valve, dia 100 mm	Nr	1	2,529	9,191	2,513	2,529	9,191	2,513	Rate 2001
SR3-1001	Sluice Valve, dia 200 mm	Nr	4	5,642	20,504	5,606	22,568	82,016	22,424	Rate 2001
SR3-1002	Sluice Valve, dia 250 mm	Nr	2	6,148	22,342	6,108	12,296	44,684	12,216	Rate 2001
SR3-1003	Ball Valve, dia 100 mm	Nr	2	5,280	19,187	5,246	10,560	38,374	10,492	Rate 2001
SR3-1004	Butterfly Float Valve, dia 80 mm (SUS)	Nr	2	247,835	900,566	246,238	495,670	1,801,132	492,476	quotation
SR3-1005	Flow Meter, dia 100 mm	Nr	1	49,272	179,044	48,955	49,272	179,044	48,955	quotation
SR3-1006	Flow Meter, dia 125 mm	Nr	1	70,363	255,681	69,909	70,363	255,681	69,909	quotation
SR3-1007	Single Orifice Air Valve, dia 100 mm	Nr	2	49,016	178,112	48,700	98,032	356,224	97,400	quotation
Total of page BOQ - 514 to SR 3 Bill Summary							2,758,331	10,023,080	2,740,556	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 4: Supply of PVC/SP Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Supply and Delivery at site all SP/PVC/HP pipes and fittings including rubber rings, jointing materials and all other associated materials required for complete installation</p> <p>All SP/PVC pipes and fittings shall be with rubber ring joints unless specified All PVC pipes & fittings shall be Type 1000 All steel flanges shall be PN 10</p> <p>Kurugoda as depicted in drawing No.30-C-01</p>							
SR 4 - 1	Double Flanged 150 x 125 Taper	Nr	2	3,206	1,344	6,412	2,688	Rate 2001
SR 4 - 2	Double Flanged 90 degree Bend, dia 125, L=400mm	Nr	2	4,876	2,045	9,752	4,090	Rate 2001
SR 4 - 3	Double Flanged Piece, dia 125, L=610mm	Nr	2	1,596	669	3,192	1,338	Rate 2001
SR 4 - 4	Flanged Bellmouth, dia 125, L=150mm	Nr	2	2,953	1,238	5,906	2,476	Rate 2001
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 4 - 5	Hume Pipe, dia 350 mm	m	235	1,210	507	284,350	119,145	Rate 2001
	Akurana as depicted in drawing No.30-C-02							
SR 4 - 6	Straight Pipe, dia. 225mm (PVC)	m	5	1,880	788	9,400	3,940	Rate 2001
	Thelambugahawatta as depicted in drawing No.30-C-03							
Total of page BOQ - 515 to SR 4 Bill Summary						319,012	133,677	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 4: Supply of PVC/SP Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 4 - 7	Double Flanged Piece, dia 125, L=400mm	Nr	1	1,046	438	1,046	438	Rate 2001
SR 4 - 8	Double Flanged Piece, dia 125, L=1,150mm	Nr	1	3,009	1,262	3,009	1,262	Rate 2001
SR 4 - 9	Double Flanged 150 x 125 Taper	Nr	3	3,206	1,344	9,618	4,032	Rate 2001
SR 4- 10	Flanged Bellmouth, dia 125, L=150mm	Nr	1	2,953	1,238	2,953	1,238	Rate 2001
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 4- 11	Hume Pipe, dia 250 mm Kahawatta as depicted in drawing No.30-C-04	m	677	869	364	588,313	246,428	Rate 2001
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 4- 12	Hume Pipe, dia 500 mm Kahalla as depicted in drawing No.30-C-05	m	746	1,410	591	1,051,860	440,886	Rate 2001
SR 4- 13	Double Flanged 200 x 125 Taper	Nr	1	6,412	2,689	6,412	2,689	Rate 2001
SR 4- 14	Double Flanged Piece, dia 125, length 1630 mm	Nr	1	4,266	1,789	4,266	1,789	Rate 2001
SR 4- 15	Flanged Bellmouth, dia 125, length 150 mm	Nr	1	2,953	1,238	2,953	1,238	Rate 2001
	<u>Extra over for Overflow/Drainage pipe</u>							
Total of page BOQ - 516 to SR 4 Bill Summary						1,670,430	700,000	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 4: Supply of PVC/SP Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 4- 16	Straight Pipe, dia. 225mm (PVC) Bangalawatta as depicted in drawing N0.30-C-07	m	83	1,880	788	156,040	65,404	Rate 2001
SR 4- 17	Double Flanged Piece, dia 125, L=1,000mm	Nr	1	2,617	1,097	2,617	1,097	Rate 2001
SR 4- 18	Double Flanged 150 x 125 Taper	Nr	2	3,206	1,344	6,412	2,688	Rate 2001
SR 4- 19	Plain Ends Piece, dia 280, L=1000mm (PVC) <u>Extra over for Overflow/Drainage pipe</u>	m	1	2,472	1,036	1,236	518	Rate 2001
SR 4- 20	Hume Pipe, dia 250 mm Pihilladeniya as depicted in drawing N0.30-C-08	m	55	869	364	47,795	20,020	Rate 2001
SR 4- 21	Double Flanged Piece, dia 125, L=400mm	Nr	1	1,046	438	1,046	438	Rate 2001
SR 4- 22	Double Flanged 200 x 125 Taper <u>Extra over for Overflow/Drainage pipe</u>	Nr	2	6,412	2,689	12,824	5,378	Rate 2001
SR 4- 23	Straight Pipe, dia. 225mm (PVC) Kurugammana as depicted in drawing No.30-C-09 <u>Extra over for Overflow/Drainage pipe</u>	m	70	1,880	788	131,600	55,160	Rate 2001
Total of page BOQ - 517 to SR 4 Bill Summary						359,570	150,703	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 4: Supply of PVC/SP Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 4- 24	Straight Pipe, dia. 160mm (PVC) Kondadeniya as depicted in drawing No.30-C-10	m	650	875	367	568,750	238,550	Rate 2001
SR 4- 25	Double Flanged Piece, dia 125, L=610mm	Nr	1	1,596	669	1,596	669	Rate 2001
SR 4- 26	Double Flanged 200 x 125 Taper	Nr	1	6,412	2,689	6,412	2,689	Rate 2001
SR 4- 27	Double Flanged 90 degree Bend, dia 125, L=400mm	Nr	1	4,876	2,045	4,876	2,045	Rate 2001
SR 4- 28	Flanged Bellmouth, dia 125, L=150mm <u>Extra over for Overflow/Drainage pipe</u>	Nr	1	2,953	1,238	2,953	1,238	Rate 2001
SR 4- 29	Straight Pipe, dia. 225mm (PVC) Gohagoda as depicted in drawing No.30-C-12 <u>Extra over for Overflow/Drainage pipe</u>	m	240	1,880	788	451,200	189,120	Rate 2001
SR 4- 30	Straight Pipe, dia. 160mm (PVC) Gohagoda as depicted in drawing No.30-C-13	m	108	875	367	94,500	39,636	Rate 2001
SR 4- 31	Double Flanged Piece, dia 125, L=400mm	Nr	2	1,046	438	2,092	876	Rate 2001
SR 4- 32	Double Flanged Piece, dia 65, L=200mm	Nr	1	229	96	229	96	Rate 2001
Total of page BOQ - 518 to SR 4 Bill Summary						1,132,608	474,919	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 4: Supply of PVC/SP Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 4- 33	Double Flanged Piece, dia 65, L-350mm	Nr	1	401	168	401	168	Rate 2001
SR 4- 34	Double Flanged 100 x 65 Taper	Nr	2	1,223	513	2,446	1,026	Rate 2001
SR 4- 35	Double Flanged 150 x 125 Taper	Nr	2	3,206	1,344	6,412	2,688	Rate 2001
	Aria as depicted in drawing No.30-C-14							
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 4- 36	Hume Pipe, dia 500 mm	m	74	1,410	591	104,340	43,734	Rate 2001
	Bahirawakanda as depicted in drawing No.30-C-16							
SR 4- 37	Double Flanged Piece, dia 125, L=1,150mm	Nr	1	3,009	1,262	3,009	1,262	Rate 2001
SR 4- 38	Double Flanged 150 x 125 Taper	Nr	1	3,206	1,344	3,206	1,344	Rate 2001
SR 4- 39	Flanged Bellmouth, dia 125, L=150mm	Nr	1	2,953	1,238	2,953	1,238	Rate 2001
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 4- 40	Hume Pipe, dia 250 mm	m	127	869	364	110,363	46,228	Rate 2001
	Aria as depicted in drawing No.30-C-17							
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 4- 41	Hume Pipe, dia 400 mm	m	486	1,275	534	619,650	259,524	Rate 2001
Total of page BOQ - 519 to SR 4 Bill Summary						852,780	357,212	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 4: Supply of PVC/SP Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Dangolla as depicted in drawing No.30-C-19							
SR 4- 42	Double Flanged Piece, dia 125, L=610mm	Nr	2	1,596	669	3,192	1,338	Rate 2001
SR 4- 43	Double Flanged 200 x 125 Taper	Nr	2	6,412	2,689	12,824	5,378	Rate 2001
SR 4- 44	Flanged Bellmouth, dia 125, L=150mm	Nr	2	2,953	1,238	5,906	2,476	Rate 2001
SR 4- 45	Double Flanged 90 degree Bend, dia 125, L=400mm	Nr	2	4,876	2,045	9,752	4,090	Rate 2001
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 4- 46	Hume Pipe, dia 250 mm	m	151	869	364	131,219	54,964	Rate 2001
	Heerassagala Middle as depicted in drawing No.30-C-20							
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 4- 47	Hume Pipe, dia 350 mm	m	277	1,210	507	335,170	140,439	Rate 2001
	Heerassagala Middle as depicted in drawing No.30-C-21							
SR 4- 48	Double Flanged Piece, dia 125, L=980mm	Nr	2	2,564	1,075	5,128	2,150	Rate 2001
SR 4- 49	Double Flanged 200 x 125 Taper	Nr	2	6,412	2,689	12,824	5,378	Rate 2001
SR 4- 50	Double Flanged 90 degree Bend, dia 125, L=400mm	Nr	2	4,876	2,045	9,752	4,090	Rate 2001
SR 4- 51	Flanged Bellmouth, dia 125, L=150mm	Nr	2	2,953	1,238	5,906	2,476	Rate 2001
Total of page BOQ - 520 to SR 4 Bill Summary						531,673	222,779	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 4: Supply of PVC/SP Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 4- 52	<u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 225mm (PVC) Hantana Place as depicted in drawing No.30-C-22	m	18	1,880	788	33,840	14,184	Rate 2001
SR 4- 53	<u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 160mm (PVC) Hantana Place as depicted in drawing No.30-C-23	m	154	875	367	134,750	56,518	Rate 2001
SR 4- 54	Double Flanged Piece, dia 125, L=375mm	Nr	1	981	411	981	411	Rate 2001
SR 4- 55	Double Flanged Piece, dia 125, L=400mm	Nr	1	1,046	438	1,046	438	Rate 2001
SR 4- 56	Double Flanged 200 x 125 Taper	Nr	4	6,412	2,689	25,648	10,756	Rate 2001
SR 4- 57	<u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 225mm (PVC) Mullepihilla Low New as depicted in drawing No.30-C-25	m	93	1,880	788	174,840	73,284	Rate 2001
SR 4- 58	<u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 160mm (PVC) Mullepihilla Low New as depicted in drawing No.30-C-26	m	86	875	367	75,250	31,562	Rate 2001
SR 4- 59	Double Flanged Piece, dia 125, L=400mm	Nr	1	1,046	438	1,046	438	Rate 2001
Total of page BOQ - 521 to SR 4 Bill Summary						447,401	187,591	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 4: Supply of PVC/SP Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 4- 60	Double Flanged Piece, dia 125, L=650mm	Nr	1	1,701	713	1,701	713	Rate 2001
SR 4- 61	Double Flanged 150 x 125 Taper	Nr	2	3,206	1,344	6,412	2,688	Rate 2001
	Elhena as depicted in drawing No.30-C-27							
SR 4- 62	Double Flanged Piece, dia 125, L=375mm	Nr	1	981	411	981	411	Rate 2001
SR 4- 63	Double Flanged Piece with Puddle, dia 125, L=570mm	Nr	1	1,641	688	1,641	688	Rate 2001
SR 4- 64	Double Flanged Piece with Puddle, dia 125, L=680mm	Nr	1	1,957	820	1,957	820	Rate 2001
SR 4- 65	Dobule Flanged 150 x 125 Taper	Nr	2	3,206	1,344	6,412	2,688	Rate 2001
Total of page BOQ - 522 to SR 4 Bill Summary						19,104	8,008	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 5: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Laying & Jointing in Open Trench DI Pipes Specials & Fittings as Specified							
	Kurugoda as depicted in drawing No.30-C-01							
	Rate to include for making of trial hole, excavation, cutting pipes, shoring & dewatering (where necessary), bedding unless otherwise specified, backfilling or filling with imported material (where necessary), compaction & disposal of excess and unsuitable material as directed by the Engineer, and laying all pipes and valves.							
	<u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5 - 1	150 mm dia pipe	m	3	531	222	1,593	666	Rate 2001
SR 5 - 2	200 mm dia pipe	m	5	630	264	3,150	1,320	Rate 2001
SR 5 - 3	250 mm dia pipe	m	2	680	285	1,360	570	Rate 2001
SR 5 - 4	300 mm dia pipe	m	8	756	317	6,048	2,536	Rate 2001
SR 5 - 5	350 mm dia pipe	m	69	831	348	57,339	24,012	Rate 2001
	<u>Extra over for chamber</u>							
SR 5 - 6	chamber	Item	Sum	100,125	42,001	100,125	42,001	Rate 2001
	Akurana as depicted in drawing No.30-C-02							
	<u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5 - 7	200 mm dia pipe	m	14	320	134	4,480	1,876	Rate 2001
Total of page BOQ - 523 to SR 5 Bill Summary						174,095	72,981	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 5: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 5 - 8	<u>Extra over for chamber</u> chamber	Item	Sum	75,375	31,619	75,375	31,619	Rate 2001
	Thelambughawatta as depicted in drawing No.30-C-03 <u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5 - 9	200 mm dia pipe	m	11	320	134	3,520	1,474	Rate 2001
SR 5 - 10	250 mm dia pipe	m	55	500	209	27,500	11,495	Rate 2001
	Kahawatta as depicted in drawing No.30-C-04 <u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5 - 11	200 mm dia pipe	m	3	320	134	960	402	Rate 2001
SR 5 - 12	300 mm dia pipe	m	26	606	254	15,756	6,604	Rate 2001
SR 5 - 13	350 mm dia pipe	m	19	772	323	14,668	6,137	Rate 2001
SR 5 - 14	400 mm dia pipe	m	10	858	359	8,580	3,590	Rate 2001
SR 5 - 15	500 mm dia pipe	m	188	1,168	489	219,584	91,932	Rate 2001
	Kahalla as depicted in drawing No.30-C-05 <u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5 - 16	200 mm dia pipe	m	108	320	134	34,560	14,472	Rate 2001
Total of page BOQ - 524 to SR 5 Bill Summary						400,503	167,725	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 5: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 5 - 17	300 mm dia pipe Bangalawatta as depicted in drawing N0.30-C-07 <u>Depth to invert of pipe not exceeding 2.0m</u>	m	35	606	254	21,210	8,890	Rate 2001
SR 5 - 18	150 mm dia pipe	m	33	288	120	9,504	3,960	Rate 2001
SR 5 - 19	200 mm dia pipe	m	42	320	134	13,440	5,628	Rate 2001
SR 5 - 20	250 mm dia pipe	m	97	500	209	48,500	20,273	Rate 2001
SR 5 - 21	chamber Pihilladeniya as depicted in drawing N0.30-C-08 <u>Depth to invert of pipe not exceeding 2.0m</u>	Item	Sum	55,125	23,124	55,125	23,124	Rate 2001
SR 5 - 22	100 mm dia pipe	m	3	217	91	651	273	Rate 2001
SR 5 - 23	150 mm dia pipe	m	16	288	120	4,608	1,920	Rate 2001
SR 5 - 24	200 mm dia pipe <u>Concrete Block for Overflow/Drainage Pipes on Slope</u>	m	81	320	134	25,920	10,854	Rate 2001
SR 5 - 25	Type A1	Nr	23	4,924	2,065	113,252	47,495	Rate 2001
SR 5 - 26	Type B1	Nr	28	1,030	432	28,840	12,096	Rate 2001
Total of page BOQ - 525 to SR 5 Bill Summary						321,050	134,513	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 5: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
Kurugammana as depicted in drawing No.30-C-09								
<u>Depth to invert of pipe not exceeding 2.0m</u>								
SR 5 - 27	150 mm dia pipe	m	89	288	120	25,632	10,680	Rate 2001
SR 5 - 28	200 mm dia pipe	m	3	320	134	960	402	Rate 2001
SR 5 - 29	250 mm dia pipe	m	3	500	209	1,500	627	Rate 2001
<u>Concrete Block for Overflow/Drainage Pipes on Slope</u>								
SR 5 - 30	Type A1	Nr	13	4,924	2,065	64,012	26,845	Rate 2001
Kondadeniya as depicted in drawing No.30-C-10								
<u>Depth to invert of pipe not exceeding 2.0m</u>								
SR 5- 31	200 mm dia pipe	m	61	320	134	19,520	8,174	Rate 2001
SR 5- 32	250 mm dia pipe	m	12	500	209	6,000	2,508	Rate 2001
<u>Extra over for chamber</u>								
SR 5- 33	chamber	Item	Sum	155,250	65,126	155,250	65,126	Rate 2001
Gohagoda as depicted in drawing No.30-C-13								
<u>Depth to invert of pipe not exceeding 2.0m</u>								
SR 5- 34	80 mm dia pipe	m	1	197	82	197	82	Rate 2001
Total of page BOQ - 526 to SR 5 Bill Summary						273,071	114,444	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 5: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 5- 35	150 mm dia pipe	m	67	288	120	19,296	8,040	Rate 2001
SR 5- 36	300 mm dia pipe	m	15	606	254	9,090	3,810	Rate 2001
SR 5- 37	<u>Extra over for chamber</u> chamber	Item	Sum	128,250	53,799	128,250	53,799	Rate 2001
	Asgiriya as depicted in drawing No.30-C-15							
	<u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5- 38	200 mm dia pipe	m	44	320	134	14,080	5,896	Rate 2001
SR 5- 39	450 mm dia pipe	m	10	1,029	431	10,290	4,310	Rate 2001
SR 5- 40	500 mm dia pipe	m	112	1,168	489	130,816	54,768	Rate 2001
SR 5- 41	600 mm dia pipe	m	15	1,402	588	21,030	8,820	Rate 2001
	Bahirawakanda as depicted in drawing No.30-C-16							
	<u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5- 42	150 mm dia pipe	m	8	288	120	2,304	960	Rate 2001
SR 5- 43	250 mm dia pipe	m	128	500	209	64,000	26,752	Rate 2001
	Uplands as depicted in drawing No.30-C-17							
	<u>Depth to invert of pipe not exceeding 2.0m</u>							
Total of page BOQ - 527 to SR 5 Bill Summary						399,156	167,155	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 5: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 5- 44	300 mm dia pipe	m	3	606	254	1,818	762	Rate 2001
SR 5- 45	350 mm dia pipe	m	3	772	323	2,316	969	Rate 2001
SR 5- 46	400 mm dia pipe	m	90	858	359	77,220	32,310	Rate 2001
SR 5- 47	500 mm dia pipe	m	23	1,168	489	26,864	11,247	Rate 2001
	Dangolla as depicted in drawing No.30-C-19							
	<u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5- 48	200 mm dia pipe	m	90	320	134	28,800	12,060	Rate 2001
SR 5- 49	250 mm dia pipe	m	23	500	209	11,500	4,807	Rate 2001
	Heerassagala Low as depicted in drawing No.30-C-20							
	<u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5- 50	200 mm dia pipe	m	5	320	134	1,600	670	Rate 2001
SR 5- 51	250 mm dia pipe	m	5	500	209	2,500	1,045	Rate 2001
SR 5- 52	350 mm dia pipe	m	36	772	323	27,792	11,628	Rate 2001
	Heerassagala Middle as depicted in drawing No.30-C-21							
	<u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5- 53	200 mm dia pipe	m	85	320	134	27,200	11,390	Rate 2001
Total of page BOQ - 528 to SR 5 Bill Summary						207,610	86,888	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 5: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 5- 54	250 mm dia pipe Heerassagala Upper as depicted in drawing No.30-C-22 <u>Depth to invert of pipe not exceeding 2.0m</u>	m	13	500	209	6,500	2,717	Rate 2001
SR 5- 55	100 mm dia pipe	m	1	217	91	217	91	Rate 2001
SR 5- 56	150 mm dia pipe	m	41	288	120	11,808	4,920	Rate 2001
SR 5- 57	200 mm dia pipe Hantana Place as depicted in drawing No.30-C-23 <u>Depth to invert of pipe not exceeding 2.0m</u>	m	10	320	134	3,200	1,340	Rate 2001
SR 5- 58	200 mm dia pipe Ampitiya as depicted in drawing No.30-C-24 <u>Depth to invert of pipe not exceeding 2.0m</u>	m	61	320	134	19,520	8,174	Rate 2001
SR 5- 59	150 mm dia pipe	m	76	288	120	21,888	9,120	Rate 2001
SR 5- 60	200 mm dia pipe	m	59	320	134	18,880	7,906	Rate 2001
SR 5- 61	250 mm dia pipe	m	9	500	209	4,500	1,881	Rate 2001
SR 5- 62	300 mm dia pipe Mullepihilla Low New as depicted in drawing No.30-C-26 <u>Depth to invert of pipe not exceeding 2.0m</u>	m	27	606	254	16,362	6,858	Rate 2001
SR 5- 63	100 mm dia pipe	m	3	217	91	651	273	Rate 2001
Total of page BOQ - 529 to SR 5 Bill Summary						103,526	43,280	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 5: Laying of DI Pipes/Valves/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 5- 64	150 mm dia pipe	m	30	288	120	8,640	3,600	Rate 2001
	<u>Extra over for chamber</u>							
SR 5- 65	chamber	Item	Sum	155,250	65,126	155,250	65,126	Rate 2001
	Elhena as depicted in drawing No.30-C-27							
	<u>Depth to invert of pipe not exceeding 2.0m</u>							
SR 5- 66	100 mm dia pipe	m	3	217	91	651	273	Rate 2001
SR 5- 67	200 mm dia pipe	m	88	320	134	28,160	11,792	Rate 2001
SR 5- 68	250 mm dia pipe	m	26	500	209	13,000	5,434	Rate 2001
	<u>Extra over for chamber</u>							
SR 5- 69	chamber	Item	Sum	164,250	68,901	164,250	68,901	Rate 2001
Total of page BOQ - 530 to SR 5 Bill Summary						369,951	155,126	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 6: Laying of PVC Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Laying & Jointing in Open Trench PVC/SP Pipes Specials & Fittings as Specified.</p> <p>Rate to include for making of trial hole, excavation, cutting pipes, shoring & dewatering, bedding unless otherwise specified, backfilling or filling with selected material (where necessary), compaction & disposal of excess & unsuitable material as directed by the Engineer</p> <p>Kurugoda as depicted in drawing No.30-C-01</p> <p><u>Depth to invert of pipes not exceeding 2.0 m</u></p>							
SR 6 - 1	125 mm dia pipe (SP)	m	2	696	291	1,392	582	Rate 2001
	<p><u>Extra over for Overflow/Drainage pipe</u></p>							
SR 6 - 2	Hume Pipe, dia 350 mm	m	235	303	127	71,205	29,845	Rate 2001
	<p><u>Concrete Block for Overflow/Drainage Pipes on Slope</u></p>							
SR 6 - 3	Type A1	Nr	67	4,924	2,065	329,908	138,355	Rate 2001
	<p>Akurana as depicted in drawing No.30-C-02</p> <p><u>Depth to invert of pipes not exceeding 2.0 m</u></p>							
SR 6 - 4	225 mm dia pipe (PVC)	m	5	420	176	2,100	880	Rate 2001
	<p>Thelambugahawatta as depicted in drawing No.30-C-03</p>							
Total of page BOQ - 531 to SR 6 Bill Summary						404,605	169,662	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 6: Laying of PVC Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
SR 6 - 5	125 mm dia pipe (SP)	m	3	696	291	1,810	757	Rate 2001
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 6 - 6	Hume Pipe, dia 250 mm	m	677	255	106	172,635	71,762	Rate 2001
	<u>Concrete Block for Overflow/Drainage Pipes on Slope</u>							
SR 6 - 7	Type B1	Nr	1	1,030	432	1,030	432	Rate 2001
	Kahawatta as depicted in drawing No.30-C-04							
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 6 - 8	Hume Pipe, dia 500 mm	m	746	389	163	290,194	121,598	Rate 2001
	<u>Concrete Block for Overflow/Drainage Pipes on Slope</u>							
SR 6 - 9	Type A1	Nr	30	4,924	2,065	147,720	61,950	Rate 2001
	Kahalla as depicted in drawing No.30-C-05							
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 6 - 10	Straight Pipe, dia. 225mm (PVC)	m	83	420	176	34,860	14,608	Rate 2001
	Bangalawatta as depicted in drawing N0.30-C-07							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
Total of page BOQ - 532 to SR 6 Bill Summary						648,249	271,107	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 6: Laying of PVC Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 6- 11	125 mm dia pipe (SP)	m	1	696	291	696	291	Rate 2001
SR 6- 12	280 mm dia pipe (PVC)	m	1	468	196	468	196	Rate 2001
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 6- 13	Hume Pipe, dia 250 mm	m	55	255	106	14,025	5,830	Rate 2001
	<u>Concrete Block for Overflow/Drainage Pipes on Slope</u>							
SR 6- 14	Type A2	Nr	39	6,149	2,579	239,811	100,581	Rate 2001
	Pihilladeniya as depicted in drawing N0.30-C-08							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
SR 6- 15	125 mm dia pipe (SP)	m	2	696	291	1,183	495	Rate 2001
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 6- 16	Straight Pipe, dia. 225mm (PVC)	m	70	420	176	29,400	12,320	Rate 2001
	Kurugamma as depicted in drawing No.30-C-09							
	<u>Extra over for Overflow/Drainage pipe</u>							
SR 6- 17	Straight Pipe, dia. 160mm (PVC)	m	650	324	135	210,600	87,750	Rate 2001
	Kondadeniya as depicted in drawing No.30-C-10							
Total of page BOQ - 533 to SR 6 Bill Summary						496,183	207,463	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 6: Laying of PVC Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 6- 18	<u>Depth to invert of pipes not exceeding 2.0 m</u> 125 mm dia pipe (SP)	m	1	696	291	696	291	Rate 2001
SR 6- 19	<u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 225mm (PVC)	m	240	420	176	100,800	42,240	Rate 2001
SR 6- 20	<u>Concrete Block for Overflow/Drainage Pipes on Slope</u> Type A1	Nr	28	4,924	2,065	137,872	57,820	Rate 2001
SR 6- 21	<u>Gohagoda as depicted in drawing No.30-C-12</u> <u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 160mm (PVC)	m	108	324	135	34,992	14,580	Rate 2001
SR 6- 22	<u>Concrete Block for Overflow/Drainage Pipes on Slope</u> Type A1	Nr	23	4,924	2,065	113,252	47,495	Rate 2001
SR 6- 23	<u>Gohagoda as depicted in drawing No.30-C-13</u> <u>Depth to invert of pipes not exceeding 2.0 m</u> 65 mm dia pipe (SP)	m	1	355	148	330	138	Rate 2001
SR 6- 24	125 mm dia pipe (SP)	m	2	696	291	1,253	524	Rate 2001
SR 6- 25	<u>Aria as depicted in drawing No.30-C-14</u> <u>Extra over for Overflow/Drainage pipe</u> Hume Pipe, dia 500 mm	m	74	389	163	28,786	12,062	Rate 2001
Total of page BOQ - 534 to SR 6 Bill Summary						417,285	174,858	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 6: Laying of PVC Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 6- 26	Concrete Block for Overflow/Drainage Pipes on Slope Type A1	Nr	74	4,924	2,065	364,376	152,810	Rate 2001
	Bahirawakanda as depicted in drawing No.30-C-16 Depth to invert of pipes not exceeding 2.0 m							
SR 6- 27	125 mm dia pipe (SP)	m	1	696	291	696	291	Rate 2001
	Extra over for Overflow/Drainage pipe							
SR 6- 28	Hume Pipe, dia 250 mm	m	127	255	106	32,385	13,462	Rate 2001
	Concrete Block for Overflow/Drainage Pipes on Slope							
SR 6- 29	Type A1	Nr	75	4,924	2,065	369,300	154,875	Rate 2001
SR 6- 30	Type A2	Nr	31	6,149	2,579	190,619	79,949	Rate 2001
SR 6- 31	Type A3	Nr	6	7,887	3,308	47,322	19,848	Rate 2001
SR 6- 32	Type B3	Nr	2	1,554	651	3,108	1,302	Rate 2001
	Dangolla as depicted in drawing No.30-C-17							
	Extra over for Overflow/Drainage pipe							
SR 6- 33	Hume Pipe, dia 400 mm	m	486	352	147	171,072	71,442	Rate 2001
	Dangolla as depicted in drawing No.30-C-19 Depth to invert of pipes not exceeding 2.0 m							
SR 6- 34	125 mm dia pipe (SP)	m	1	696	291	696	291	Rate 2001
Total of page BOQ - 535 to SR 6 Bill Summary						815,198	341,460	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 6: Laying of PVC Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 6- 35	<u>Extra over for Overflow/Drainage pipe</u> Hume Pipe, dia 250 mm Heerassagala Middle as depicted in drawing No.30-C-20	m	151	255	106	38,505	16,006	Rate 2001
SR 6- 36	<u>Extra over for Overflow/Drainage pipe</u> Hume Pipe, dia 350 mm Concrete Block for Overflow/Drainage Pipes on Slope	m	277	303	127	83,931	35,179	Rate 2001
SR 6- 37	Type B1 Heerassagala Middle as depicted in drawing No.30-C-21 <u>Depth to invert of pipes not exceeding 2.0 m</u>	Nr	2	1,030	432	2,060	864	Rate 2001
SR 6- 38	125 mm dia pipe (SP)	m	2	696	291	1,392	582	Rate 2001
SR 6- 39	<u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 225mm (PVC) Hantana Place as depicted in drawing No.30-C-22	m	18	420	176	7,560	3,168	Rate 2001
SR 6- 40	<u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 160mm (PVC) Hantana Place as depicted in drawing No.30-C-23 <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	154	324	135	49,896	20,790	Rate 2001
SR 6- 41	125 mm dia pipe (SP)	m	3	696	291	2,366	989	Rate 2001
Total of page BOQ - 536 to SR 6 Bill Summary						147,205	61,572	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 6: Laying of PVC Pipes/Fittings for Yard Pipe

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 6- 42	<u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 225mm (PVC)	m	93	420	176	39,060	16,368	Rate 2001
SR 6- 43	<u>Concrete Block for Overflow/Drainage Pipes on Slope</u> Type B2	Nr	14	1,136	476	15,904	6,664	Rate 2001
	Mullepihilla Low New as depicted in drawing No.30-C-25							
SR 6- 44	<u>Extra over for Overflow/Drainage pipe</u> Straight Pipe, dia. 160mm (PVC)	m	86	324	135	27,864	11,610	Rate 2001
	<u>Concrete Block for Overflow/Drainage Pipes on Slope</u>							
SR 6- 45	Type A2	Nr	86	6,149	2,579	528,814	221,794	Rate 2001
	Mullepihilla Low New as depicted in drawing No.30-C-26							
	<u>Depth to invert of pipes not exceeding 1.2m</u>							
SR 6- 46	125 mm dia pipe (SP)	m	2	696	291	1,044	437	Rate 2001
	Elhena as depicted in drawing No.30-C-27							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
SR 6- 47	125 mm dia pipe (SP)	m	2	696	291	1,392	582	Rate 2001
Total of page BOQ - 537 to SR 6 Bill Summary						614,078	257,455	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 7: Supply of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	Supply & Delivery of Equipment as per specifications & drawings. Rate to include for all jointing material and maintenance material.									
	<u>Mechanical Equipment</u>									
	Kahawatta (E)									
SR 7-1	Supply booster pump (2 sets) and chlorination unit complete	Item	1	913,663	3,670,895	770,887	913,663	3,670,895	770,887	quotation
SR 7-2	Supply all pipework, valves and fittings complete	Item	1	217,462	873,715	183,480	217,462	873,715	183,480	quotation
SR 7-3	Supply all supporting steelwork for equipment complete	Item	1	112,951	453,815	95,301	112,951	453,815	95,301	quotation
SR 7-4	Supply all spare parts complete	Item	1	14,470	58,140	12,209	14,470	58,140	12,209	quotation
SR 7-5	Supply all maintenance equipment and tools complete	Item	1	11,656	46,835	9,835	11,656	46,835	9,835	quotation
SR 7-6	Supply all other items necessary to make booster pump facility equipment complete	Item	1	116,970	469,965	98,692	116,970	469,965	98,692	quotation
	Kondadeniya (H)									
SR 7-7	Supply booster pump complete	Nr	2	173,045	695,258	146,004	346,090	1,390,516	292,008	quotation
SR 7-8	Supply all pipework, valves and fittings complete	Item	1	181,486	729,173	153,126	181,486	729,173	153,126	quotation
SR 7-9	Supply all supporting steelwork for equipment complete	Item	1	107,122	430,398	90,383	107,122	430,398	90,383	quotation
SR 7-10	Supply all spare parts complete	Item	1	14,268	57,333	12,039	14,268	57,333	12,039	quotation
Total of page BOQ - 538 to SR 7 Bill Summary							2,036,138	8,180,785	1,717,960	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 7: Supply of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 7-11	Supply all maintenance equipment and tools complete	Item	1	11,455	46,028	9,665	11,455	46,028	9,665	quotation
SR 7-12	Supply all other items necessary to make booster pump facility equipment complete Asgiriya (G)	Item	1	112,750	453,008	95,131	112,750	453,008	95,131	quotation
SR 7-13	Supply booster pump complete	Nr	2	202,187	812,345	170,592	404,374	1,624,690	341,184	quotation
SR 7-14	Supply all pipework, valves and fittings complete	Item	1	176,059	707,370	148,547	176,059	707,370	148,547	quotation
SR 7-15	Supply all supporting steelwork for equipment complete	Item	1	94,259	378,718	79,530	94,259	378,718	79,530	quotation
SR 7-16	Supply all spare parts complete	Item	1	13,867	55,718	11,700	13,867	55,718	11,700	quotation
SR 7-17	Supply all maintenance equipment and tools complete	Item	1	11,254	45,220	9,496	11,254	45,220	9,496	quotation
SR 7-18	Supply all other items necessary to make booster pump facility equipment complete R2 (F)	Item	1	103,505	415,863	87,331	103,505	415,863	87,331	quotation
SR 7-19	Supply booster pump complete	Nr	2	202,187	812,345	170,592	404,374	1,624,690	341,184	quotation
SR 7-20	Supply all pipework, valves and fittings complete	Item	1	176,059	707,370	148,547	176,059	707,370	148,547	quotation
SR 7-21	Supply all supporting steelwork for equipment complete	Item	1	94,259	378,718	79,530	94,259	378,718	79,530	quotation
SR 7-22	Supply all spare parts complete	Item	1	13,867	55,718	11,700	13,867	55,718	11,700	quotation
Total of page BOQ - 539 to SR 7 Bill Summary							1,616,082	6,493,111	1,363,545	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 7: Supply of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 7-23	Supply all maintenance equipment and tools complete	Item	1	11,254	45,220	9,496	11,254	45,220	9,496	quotation
SR 7-24	Supply all other items necessary to make booster pump facility equipment complete Heerasagala Low (B)	Item	1	103,505	415,863	87,331	103,505	415,863	87,331	quotation
SR 7-25	Supply booster pump complete	Nr	2	164,804	662,150	139,051	329,608	1,324,300	278,102	quotation
SR 7-26	Supply all pipework, valves and fittings complete	Item	1	189,324	760,665	159,739	189,324	760,665	159,739	quotation
SR 7-27	Supply all supporting steelwork for equipment complete	Item	1	112,147	450,585	94,622	112,147	450,585	94,622	quotation
SR 7-28	Supply all spare parts complete	Item	1	14,470	58,140	12,209	14,470	58,140	12,209	quotation
SR 7-29	Supply all maintenance equipment and tools complete	Item	1	11,656	46,835	9,835	11,656	46,835	9,835	quotation
SR 7-30	Supply all other items necessary to make booster pump facility equipment complete Heerasagala Middle (C)	Item	1	116,368	467,543	98,184	116,368	467,543	98,184	quotation
SR 7-31	Supply booster pump complete	Nr	2	120,991	486,115	102,084	241,982	972,230	204,168	quotation
SR 7-32	Supply all pipework, valves and fittings complete	Item	1	160,584	645,193	135,490	160,584	645,193	135,490	quotation
SR 7-33	Supply all supporting steelwork for equipment complete	Item	1	92,853	373,065	78,343	92,853	373,065	78,343	quotation
SR 7-34	Supply all spare parts complete	Item	1	14,470	58,140	12,209	14,470	58,140	12,209	quotation
SR 7-35	Supply all maintenance equipment and tools complete	Item	1	11,656	46,835	9,835	11,656	46,835	9,835	quotation
Total of page BOQ - 540 to SR 7 Bill Summary							1,409,877	5,664,614	1,189,563	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 7: Supply of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 7-36	Supply all other items necessary to make booster pump facility equipment complete Ampitiya (D)	Item	1	117,774	473,195	99,370	117,774	473,195	99,370	quotation
SR 7-37	Supply booster pump (D-1) complete	Nr	2	75,769	304,428	63,929	151,538	608,856	127,858	quotation
SR 7-38	Supply booster pump (D-2) complete	Nr	2	142,897	574,133	120,567	285,794	1,148,266	241,134	quotation
SR 7-39	Supply booster pump (D-3) complete	Nr	2	93,254	374,680	78,682	186,508	749,360	157,364	quotation
SR 7-40	Supply all pipework, valves and fittings complete	Item	1	251,226	1,009,375	211,968	251,226	1,009,375	211,968	quotation
SR 7-41	Supply all supporting steelwork for equipment complete	Item	1	99,285	398,905	83,770	99,285	398,905	83,770	quotation
SR 7-42	Supply all spare parts complete	Item	1	14,470	58,140	12,209	14,470	58,140	12,209	quotation
SR 7-43	Supply all maintenance equipment and tools complete	Item	1	11,656	46,835	9,835	11,656	46,835	9,835	quotation
SR 7-44	Supply all other items necessary to make booster pump facility equipment complete Electric Equipment Kahawatta P.S. & S.R.	Item	1	115,564	464,313	97,505	115,564	464,313	97,505	quotation
SR 7-45	Supply Power Receiving Panel complete	Nr	1	365,384	1,468,035	308,287	365,384	1,468,035	308,287	quotation
SR 7-46	Supply Booster Pump Panel complete	Nr	2	252,835	1,015,835	213,325	505,670	2,031,670	426,650	quotation
SR 7-47	Supply Level Switch complete	Nr	1	14,068	56,525	11,870	14,068	56,525	11,870	quotation
Total of page BOQ - 541 to SR 7 Bill Summary							2,118,937	8,513,475	1,787,820	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 7: Supply of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks	
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs		
SR 7-48	Supply all cable, tray, pipe and other materials complete	Item	1	135,461	544,255	114,293	135,461	544,255	114,293	quotation	
SR 7-49	Supply all CEB connection complete	Item	1	65,721	264,053	55,451	65,721	264,053	55,451	quotation	
SR 7-50	Supply all spare parts complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation	
SR 7-51	Supply all maintenance equipment and tools complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation	
SR 7-52	Supply all other items necessary to make booster pump facility equipment complete	Item	1	83,206	334,305	70,204	83,206	334,305	70,204	quotation	
	Kondadeniya P.S. & S.R.										
SR 7-53	Supply Power Receiving Panel complete	Nr	1	290,820	1,168,453	245,375	290,820	1,168,453	245,375	quotation	
SR 7-54	Supply Booster Pump Panel complete	Nr	1	465,071	1,868,555	392,396	465,071	1,868,555	392,396	quotation	
SR 7-55	Supply Level Switch complete	Nr	1	14,068	56,525	11,870	14,068	56,525	11,870	quotation	
SR 7-56	Supply all cable, tray, pipe and other materials complete	Item	1	146,113	587,053	123,281	146,113	587,053	123,281	quotation	
SR 7-57	Supply all CEB connection complete	Item	1	49,239	197,838	41,545	49,239	197,838	41,545	quotation	
SR 7-58	Supply all spare parts complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation	
SR 7-59	Supply all maintenance equipment and tools complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation	
SR 7-60	Supply all other items necessary to make booster pump facility equipment complete	Item	1	76,574	307,658	64,608	76,574	307,658	64,608	quotation	
	Asgiriya P.S.										
Total of page BOQ - 542 to SR 7 Bill Summary								1,458,113	5,858,415	1,230,263	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 7: Supply of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 7-61	Supply Power Receiving Panel complete	Nr	1	290,820	1,168,453	245,375	290,820	1,168,453	245,375	quotation
SR 7-62	Supply Booster Pump Panel complete	Nr	1	306,496	1,231,438	258,601	306,496	1,231,438	258,601	quotation
SR 7-63	Supply all cable, tray, pipe and other materials complete	Item	1	120,789	485,308	101,914	120,789	485,308	101,914	quotation
SR 7-64	Supply all CEB connection complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-65	Supply all spare parts complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-66	Supply all maintenance equipment and tools complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-67	Supply all other items necessary to make booster pump facility equipment complete R2 P.S. & S.R.	Item	1	67,127	269,705	56,638	67,127	269,705	56,638	quotation
SR 7-68	Supply Incoming Feeder Box complete	Nr	1	248,614	998,878	209,764	248,614	998,878	209,764	quotation
SR 7-69	Supply Power Receiving Panel complete	Nr	1	313,129	1,258,085	264,197	313,129	1,258,085	264,197	quotation
SR 7-70	Supply Booster Pump Panel complete	Nr	2	252,835	1,015,835	213,325	505,670	2,031,670	426,650	quotation
SR 7-71	Supply Level Switch complete	Nr	1	14,068	56,525	11,870	14,068	56,525	11,870	quotation
SR 7-72	Supply all cable, tray, pipe and other materials complete	Item	1	184,903	742,900	156,009	184,903	742,900	156,009	quotation
SR 7-73	Supply all CEB connection complete	Item	1	65,721	264,053	55,451	65,721	264,053	55,451	quotation
Total of page BOQ - 543 to SR 7 Bill Summary							2,216,217	8,904,305	1,869,899	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 7: Supply of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 7-74	Supply all spare parts complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-75	Supply all maintenance equipment and tools complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-76	Supply all other items necessary to make booster pump facility equipment complete Heerasagala Low P.S. & S.R.	Item	1	92,652	372,258	78,174	92,652	372,258	78,174	quotation
SR 7-77	Supply Power Receiving Panel complete	Nr	1	290,820	1,168,453	245,375	290,820	1,168,453	245,375	quotation
SR 7-78	Supply Booster Pump Panel complete	Nr	1	465,071	1,868,555	392,396	465,071	1,868,555	392,396	quotation
SR 7-79	Supply Level Switch complete	Nr	1	14,068	56,525	11,870	14,068	56,525	11,870	quotation
SR 7-80	Supply all cable, tray, pipe and other materials complete	Item	1	147,319	591,898	124,298	147,319	591,898	124,298	quotation
SR 7-81	Supply all CEB connection complete	Item	1	49,239	197,838	41,545	49,239	197,838	41,545	quotation
SR 7-82	Supply all spare parts complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-83	Supply all maintenance equipment and tools complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-84	Supply all other items necessary to make booster pump facility equipment complete Heerasagala Middle P.S. & S.R.	Item	1	76,574	307,658	64,608	76,574	307,658	64,608	quotation
SR 7-85	Supply Power Receiving Panel complete	Nr	1	280,168	1,125,655	236,387	280,168	1,125,655	236,387	quotation
SR 7-86	Supply Booster Pump Panel complete	Nr	1	272,330	1,094,163	229,774	272,330	1,094,163	229,774	quotation
Total of page BOQ - 544 to SR 7 Bill Summary							1,820,081	7,312,723	1,535,667	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 7: Supply of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 7-87	Supply Level Switch complete	Nr	1	14,068	56,525	11,870	14,068	56,525	11,870	quotation
SR 7-88	Supply all cable, tray, pipe and other materials complete	Item	1	116,167	466,735	98,014	116,167	466,735	98,014	quotation
SR 7-89	Supply all CEB connection complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-90	Supply all spare parts complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-91	Supply all maintenance equipment and tools complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-92	Supply all other items necessary to make booster pump facility equipment complete	Item	1	65,721	264,053	55,451	65,721	264,053	55,451	quotation
	Ampitiya P.S. & S.R.									
SR 7-93	Supply Power Receiving Panel complete	Nr	1	313,129	1,258,085	264,197	313,129	1,258,085	264,197	quotation
SR 7-94	Supply Booster Pump (D-1) Panel complete	Nr	1	209,423	841,415	176,697	209,423	841,415	176,697	quotation
SR 7-95	Supply Booster Pump (D-2) Panel complete	Nr	1	285,795	1,148,265	241,135	285,795	1,148,265	241,135	quotation
SR 7-96	Supply Booster Pump (D-3) Panel complete	Nr	1	333,831	1,341,258	281,664	333,831	1,341,258	281,664	quotation
SR 7-97	Supply Level Switch complete	Nr	1	14,068	56,525	11,870	14,068	56,525	11,870	quotation
SR 7-98	Supply all cable, tray, pipe and other materials complete	Item	1	195,956	787,313	165,335	195,956	787,313	165,335	quotation
SR 7-99	Supply all CEB connection complete	Item	1	82,201	330,268	69,356	82,201	330,268	69,356	quotation
SR 7-100	Supply all spare parts complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
Total of page BOQ - 545 to SR 7 Bill Summary							1,762,199	7,080,162	1,486,829	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 7: Supply of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
SR 7-101	Supply all maintenance equipment and tools complete	Item	1	32,960	132,430	27,810	32,960	132,430	27,810	quotation
SR 7-102	Supply all other items necessary to make booster pump facility equipment complete	Item	1	393,321	1,580,278	331,858	393,321	1,580,278	331,858	quotation
Total of page BOQ - 546 to SR 7 Bill Summary							426,281	1,712,708	359,668	

GREATER KANDEY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 8: Installation of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Installation of Equipment as per specifications & drawings. Rate to include for all jointing.							
	<u>Mechanical Equipment</u>							
	Kahawatta (E)							
SR 8-1	Install booster pump (2 sets) and chlorination unit complete	Item	1	605,464	546,212	605,464	546,212	quotation
SR 8-2	Install all pipework, valves and fittings complete	Item	1	134,406	121,253	134,406	121,253	quotation
SR 8-3	Install all supporting steelwork for equipment complete	Item	1	62,326	56,229	62,326	56,229	quotation
SR 8-4	All other works necessary to make equipment complete	Item	1	113,630	102,511	113,630	102,511	quotation
	Kondadeniya (H)							
SR 8-5	Install booster pump complete	Nr	2	131,862	118,958	263,724	237,916	quotation
SR 8-6	Install all pipework, valves and fittings complete	Item	1	108,966	98,304	108,966	98,304	quotation
SR 8-7	Install all supporting steelwork for equipment complete	Item	1	60,630	54,699	60,630	54,699	quotation
SR 8-8	All other works necessary to make equipment complete	Item	1	110,662	99,834	110,662	99,834	quotation
	Asgiriya (G)							
Total of page BOQ - 547 to SR 8 Bill Summary						1,459,808	1,316,958	

GREATER KANDEY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 8: Installation of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 8-9	Install booster pump complete	Nr	2	137,798	124,313	275,596	248,626	quotation
SR 8-10	Install all pipework, valves and fittings complete	Item	1	121,262	109,396	121,262	109,396	quotation
SR 8-11	Install all supporting steelwork for equipment complete	Item	1	59,359	53,551	59,359	53,551	quotation
SR 8-12	All other works necessary to make equipment complete	Item	1	108,118	97,538	108,118	97,538	quotation
	R2 (F)							
SR 8-13	Install booster pump complete	Nr	2	137,798	124,313	275,596	248,626	quotation
SR 8-14	Install all pipework, valves and fittings complete	Item	1	121,262	109,396	121,262	109,396	quotation
SR 8-15	Install all supporting steelwork for equipment complete	Item	1	59,359	53,551	59,359	53,551	quotation
SR 8-16	All other works necessary to make equipment complete	Item	1	108,118	97,538	108,118	97,538	quotation
	Heerasagala Low (B)							
SR 8-17	Install booster pump complete	Nr	2	131,862	118,958	263,724	237,916	quotation
SR 8-18	Install all pipework, valves and fittings complete	Item	1	108,966	98,304	108,966	98,304	quotation
SR 8-19	Install all supporting steelwork for equipment complete	Item	1	60,630	54,699	60,630	54,699	quotation
SR 8-20	All other works necessary to make equipment complete	Item	1	110,662	99,834	110,662	99,834	quotation
Total of page BOQ - 548 to SR 8 Bill Summary						1,672,652	1,508,975	

GREATER KANDEY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 8: Installation of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Heerasagala Middle (C)							
SR 8-21	Install booster pump complete	Nr	2	94,550	85,298	189,100	170,596	quotation
SR 8-22	Install all pipework, valves and fittings complete	Item	1	94,974	85,682	94,974	85,682	quotation
SR 8-23	Install all supporting steelwork for equipment complete	Item	1	51,727	46,666	51,727	46,666	quotation
SR 8-24	All other works necessary to make equipment complete	Item	1	114,054	102,894	114,054	102,894	quotation
	Ampitiya (D)							
SR 8-25	Install booster pump (D-1) complete	Nr	2	52,575	47,431	105,150	94,862	quotation
SR 8-26	Install booster pump (D-2) complete	Nr	2	107,694	97,156	215,388	194,312	quotation
SR 8-27	Install booster pump (D-3) complete	Nr	2	69,535	62,731	139,070	125,462	quotation
SR 8-28	Install all pipework, valves and fittings complete	Item	1	156,877	141,527	156,877	141,527	quotation
SR 8-29	Install all supporting steelwork for equipment complete	Item	1	59,359	53,551	59,359	53,551	quotation
SR 8-30	All other works necessary to make equipment complete	Item	1	108,118	97,538	108,118	97,538	quotation
	<u>Electric Equipment</u>							
	Kahawatta P.S. & S.R.							
Total of page BOQ - 549 to SR 8 Bill Summary						1,233,817	1,113,090	

GREATER KANDEY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 8: Installation of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 8-31	Install Power Receiving Panel complete	Nr	1	154,334	139,231	154,334	139,231	quotation
SR 8-32	Install Booster Pump Panel complete	Nr	2	106,422	96,008	212,844	192,016	quotation
SR 8-33	Install Level Switch complete	Nr	1	5,935	5,356	5,935	5,356	quotation
SR 8-34	Install all cable, tray, pipe and other materials complete	Item	1	171,293	154,532	171,293	154,532	quotation
SR 8-35	Install all CEB connection complete and Fee	Item	1	1,036,559	24,864	1,036,559	24,864	quotation
SR 8-36	All other works necessary to make equipment complete	Item	1	35,191	31,748	35,191	31,748	quotation
	Kondadeniya P.S. & S.R.							
SR 8-37	Install Power Receiving Panel complete	Nr	1	122,534	110,543	122,534	110,543	quotation
SR 8-38	Install Booster Pump Panel complete	Nr	1	196,309	177,098	196,309	177,098	quotation
SR 8-39	Install Level Switch complete	Nr	1	5,935	5,356	5,935	5,356	quotation
SR 8-40	Install all cable, tray, pipe and other materials complete	Item	1	200,549	180,924	200,549	180,924	quotation
SR 8-41	Install all CEB connection complete and Fee	Item	1	771,775	18,744	771,775	18,744	quotation
SR 8-42	All other works necessary to make equipment complete	Item	1	32,223	29,071	32,223	29,071	quotation
	Asgiriya P.S.							
Total of page BOQ - 550 to SR 8 Bill Summary						2,945,481	1,069,483	

GREATER KANDEY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 8: Installation of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 8-43	Install Power Receiving Panel complete	Nr	1	122,534	110,543	122,534	110,543	quotation
SR 8-44	Install Booster Pump Panel complete	Nr	1	129,318	116,663	129,318	116,663	quotation
SR 8-45	Install all cable, tray, pipe and other materials complete	Item	1	152,638	137,701	152,638	137,701	quotation
SR 8-46	Install all CEB connection complete and Fee	Item	1	764,991	12,624	764,991	12,624	quotation
SR 8-47	All other works necessary to make equipment complete	Item	1	28,407	25,628	28,407	25,628	quotation
	R2 P.S. & S.R.							
SR 8-48	Install Incoming Feeder Box complete	Nr	1	104,726	94,478	104,726	94,478	quotation
SR 8-49	Install Power Receiving Panel complete	Nr	1	132,286	119,341	132,286	119,341	quotation
SR 8-50	Install Booster Pump Panel complete	Nr	2	106,422	96,008	212,844	192,016	quotation
SR 8-51	Install Level Switch complete	Nr	1	5,935	5,356	5,935	5,356	quotation
SR 8-52	Install all cable, tray, pipe and other materials complete	Item	1	253,972	229,119	253,972	229,119	quotation
SR 8-53	Install all CEB connection complete	Item	1	27,559	24,864	27,559	24,864	quotation
SR 8-54	All other works necessary to make equipment complete	Item	1	39,007	35,191	39,007	35,191	quotation
	Heerasagala Low P.S. & S.R.							
Total of page BOQ - 551 to SR 8 Bill Summary						1,974,217	1,103,524	

GREATER KANDEY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 8: Installation of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
SR 8-55	Install Power Receiving Panel complete	Nr	1	122,534	110,543	122,534	110,543	quotation
SR 8-56	Install Booster Pump Panel complete	Nr	1	196,309	177,098	196,309	177,098	quotation
SR 8-57	Install Level Switch complete	Nr	1	5,935	5,356	5,935	5,356	quotation
SR 8-58	Install all cable, tray, pipe and other materials complete	Item	1	202,669	182,836	202,669	182,836	quotation
SR 8-59	Install all CEB connection complete and Fee	Item	1	771,775	18,744	771,775	18,744	quotation
SR 8-60	All other works necessary to make equipment complete	Item	1	32,223	29,071	32,223	29,071	quotation
	Heerasagala Middle P.S. & S.R.							
SR 8-61	Install Power Receiving Panel complete	Nr	1	118,294	106,718	118,294	106,718	quotation
SR 8-62	Install Booster Pump Panel complete	Nr	1	114,902	103,658	114,902	103,658	quotation
SR 8-63	Install Level Switch complete	Nr	1	5,935	5,356	5,935	5,356	quotation
SR 8-64	Install all cable, tray, pipe and other materials complete	Item	1	146,278	131,963	146,278	131,963	quotation
SR 8-65	Install all CEB connection complete and Fee	Item	1	764,991	12,624	764,991	12,624	quotation
SR 8-66	All other works necessary to make equipment complete	Item	1	27,559	24,864	27,559	24,864	quotation
Total of page BOQ - 552 to SR 8 Bill Summary						2,509,404	908,831	

GREATER KANDEY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.SR 8: Installation of Pumps/Fittings, Equipment

Service Reservoir

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Ampitiya P.S. & S.R.							
SR 8-67	Install Power Receiving Panel complete	Nr	1	132,286	119,341	132,286	119,341	quotation
SR 8-68	Install Booster Pump (D-1) Panel complete	Nr	1	88,190	79,562	88,190	79,562	quotation
SR 8-69	Install Booster Pump (D-2) Panel complete	Nr	1	120,414	108,631	120,414	108,631	quotation
SR 8-70	Install Booster Pump (D-3) Panel complete	Nr	1	140,766	126,991	140,766	126,991	quotation
SR 8-71	Install Level Switch complete	Nr	1	5,935	5,356	5,935	5,356	quotation
SR 8-72	Install all cable, tray, pipe and other materials complete	Item	1	267,964	241,742	267,964	241,742	quotation
SR 8-73	Install all CEB connection complete and Fee	Item	1	853,767	31,366	853,767	31,366	quotation
SR 8-74	All other works necessary to make equipment complete	Item	1	165,781	149,559	165,781	149,559	quotation
Total of page BOQ - 553 to SR 8 Bill Summary						1,775,103	862,548	

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 1 - Sum

Site Work

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
SR 1	Page BOQ - 328 of Bill SR 1	287,066	119,661
	Page BOQ - 329 of Bill SR 1	625,190	261,013
	Page BOQ - 330 of Bill SR 1	4,004,650	1,678,367
	Page BOQ - 331 of Bill SR 1	638,446	266,098
	Page BOQ - 332 of Bill SR 1	574,114	240,648
	Page BOQ - 333 of Bill SR 1	1,739,156	727,975
	Page BOQ - 334 of Bill SR 1	11,324,897	4,750,146
	Page BOQ - 335 of Bill SR 1	5,569,205	2,335,633
	Page BOQ - 336 of Bill SR 1	5,812,587	2,435,178
	Page BOQ - 337 of Bill SR 1	481,234	200,664
	Page BOQ - 338 of Bill SR 1	332,341	138,782
	Page BOQ - 339 of Bill SR 1	2,743,403	1,150,203
	Page BOQ - 340 of Bill SR 1	1,837,032	770,128
	Page BOQ - 341 of Bill SR 1	100,897	42,109
	Page BOQ - 342 of Bill SR 1	81,294	34,037
	Carried Forward	36,151,512	15,150,642

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 1 - Sum

Site Work

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	36,151,512	15,150,642
SR 1	Page BOQ - 343 of Bill SR 1	988,104	414,484
	Page BOQ - 344 of Bill SR 1	323,294	135,560
	Page BOQ - 345 of Bill SR 1	93,555	39,175
	Page BOQ - 346 of Bill SR 1	103,286	43,184
	Page BOQ - 347 of Bill SR 1	59,658	25,025
SR1-SUM	Total of SR 1 to Bill Summary	37,719,409	15,808,070

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 2 - Sum

Construction of Service Reservoir

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
SR 2	Page BOQ - 348 of Bill SR 2	4,126,301	1,733,894
	Page BOQ - 349 of Bill SR 2	4,430,640	1,862,000
	Page BOQ - 350 of Bill SR 2	547,631	236,520
	Page BOQ - 351 of Bill SR 2	6,841,126	2,875,530
	Page BOQ - 352 of Bill SR 2	919,642	386,185
	Page BOQ - 353 of Bill SR 2	531,006	223,201
	Page BOQ - 354 of Bill SR 2	7,568,939	3,181,451
	Page BOQ - 355 of Bill SR 2	1,327,168	557,251
	Page BOQ - 356 of Bill SR 2	712,594	299,538
	Page BOQ - 357 of Bill SR 2	2,865,966	1,204,298
	Page BOQ - 358 of Bill SR 2	5,332,059	2,241,222
	Page BOQ - 359 of Bill SR 2	866,427	364,184
	Page BOQ - 360 of Bill SR 2	3,962,428	1,665,366
	Page BOQ - 361 of Bill SR 2	630,024	264,361
	Page BOQ - 362 of Bill SR 2	779,843	327,708
	Carried Forward	41,441,794	17,422,709

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 2 - Sum

Construction of Service Reservoir

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	41,441,794	17,422,709
SR 2	Page BOQ - 363 of Bill SR 2	2,794,363	1,174,141
	Page BOQ - 364 of Bill SR 2	498,963	209,711
	Page BOQ - 365 of Bill SR 2	1,116,763	469,293
	Page BOQ - 366 of Bill SR 2	897,329	377,032
	Page BOQ - 367 of Bill SR 2	460,574	193,599
	Page BOQ - 368 of Bill SR 2	2,801,371	1,177,021
	Page BOQ - 369 of Bill SR 2	167,916	70,569
	Page BOQ - 370 of Bill SR 2	452,911	190,394
	Page BOQ - 371 of Bill SR 2	2,698,622	1,133,924
	Page BOQ - 372 of Bill SR 2	529,675	222,546
	Page BOQ - 373 of Bill SR 2	14,071,584	5,913,357
	Page BOQ - 374 of Bill SR 2	29,700,093	12,483,694
	Page BOQ - 375 of Bill SR 2	2,415,464	1,015,240
	Page BOQ - 376 of Bill SR 2	5,840,062	2,454,473
	Page BOQ - 377 of Bill SR 2	1,221,317	513,238
	Page BOQ - 378 of Bill SR 2	9,950,154	4,181,529
	Carried Forward	117,058,955	49,202,470

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 2 - Sum

Construction of Service Reservoir

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	117,058,955	49,202,470
SR 2	Page BOQ - 379 of Bill SR 2	24,381,145	10,247,568
	Page BOQ - 380 of Bill SR 2	2,188,425	919,898
	Page BOQ - 381 of Bill SR 2	6,144,717	2,582,041
	Page BOQ - 382 of Bill SR 2	925,279	388,830
	Page BOQ - 383 of Bill SR 2	2,436,523	1,024,016
	Page BOQ - 384 of Bill SR 2	566,139	237,733
	Page BOQ - 385 of Bill SR 2	513,870	216,025
	Page BOQ - 386 of Bill SR 2	3,912,088	1,643,984
	Page BOQ - 387 of Bill SR 2	523,679	220,035
	Page BOQ - 388 of Bill SR 2	611,143	256,921
	Page BOQ - 389 of Bill SR 2	2,464,525	1,035,506
	Page BOQ - 390 of Bill SR 2	455,450	191,361
	Page BOQ - 391 of Bill SR 2	1,332,867	560,247
	Page BOQ - 392 of Bill SR 2	1,664,284	699,259
	Page BOQ - 393 of Bill SR 2	707,927	297,431
	Page BOQ - 394 of Bill SR 2	971,919	408,398
	Carried Forward	166,858,935	70,131,723

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 2 - Sum

Construction of Service Reservoir

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	166,858,935	70,131,723
SR 2	Page BOQ - 395 of Bill SR 2	826,922	347,499
	Page BOQ - 396 of Bill SR 2	838,100	352,124
	Page BOQ - 397 of Bill SR 2	4,249,384	1,785,657
	Page BOQ - 398 of Bill SR 2	451,648	189,770
	Page BOQ - 399 of Bill SR 2	239,040	100,464
	Page BOQ - 400 of Bill SR 2	226,568	95,066
	Page BOQ - 401 of Bill SR 2	443,241	186,104
	Page BOQ - 402 of Bill SR 2	110,800	46,576
	Page BOQ - 403 of Bill SR 2	139,613	58,681
	Page BOQ - 404 of Bill SR 2	424,623	178,389
	Page BOQ - 405 of Bill SR 2	22,943	9,641
	Page BOQ - 406 of Bill SR 2	44,545	18,724
	Page BOQ - 407 of Bill SR 2	189,166	79,404
	Page BOQ - 408 of Bill SR 2	150,617	63,149
	Page BOQ - 409 of Bill SR 2	43,039	17,949
	Page BOQ - 410 of Bill SR 2	10,515	4,416
	Carried Forward	175,269,699	73,665,336

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 2 - Sum

Construction of Service Reservoir

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	175,269,699	73,665,336
SR 2	Page BOQ - 411 of Bill SR 2	102,230	42,974
	Page BOQ - 412 of Bill SR 2	743,909	311,748
	Page BOQ - 413 of Bill SR 2	671,005	281,744
	Page BOQ - 414 of Bill SR 2	107,534	45,203
	Page BOQ - 415 of Bill SR 2	387,109	162,739
	Page BOQ - 416 of Bill SR 2	275,306	115,625
	Page BOQ - 417 of Bill SR 2	305,325	128,335
	Page BOQ - 418 of Bill SR 2	77,227	32,463
	Page BOQ - 419 of Bill SR 2	459,844	193,116
	Page BOQ - 420 of Bill SR 2	210,486	88,058
	Page BOQ - 421 of Bill SR 2	25,441	10,691
	Page BOQ - 422 of Bill SR 2	91,449	38,440
	Page BOQ - 423 of Bill SR 2	356,337	149,805
	Page BOQ - 424 of Bill SR 2	231,415	97,229
	Page BOQ - 425 of Bill SR 2	259,470	108,849
	Page BOQ - 426 of Bill SR 2	90,220	37,888
	Carried Forward	179,664,006	75,510,243

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 2 - Sum

Construction of Service Reservoir

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	179,664,006	75,510,243
SR 2	Page BOQ - 427 of Bill SR 2	167,769	70,516
	Page BOQ - 428 of Bill SR 2	367,604	154,418
	Page BOQ - 429 of Bill SR 2	51,658	21,714
	Page BOQ - 430 of Bill SR 2	98,764	41,511
	Page BOQ - 431 of Bill SR 2	200,993	84,290
	Page BOQ - 432 of Bill SR 2	63,130	26,320
	Page BOQ - 433 of Bill SR 2	16,362	6,872
	Page BOQ - 434 of Bill SR 2	261,221	109,818
	Page BOQ - 435 of Bill SR 2	714,371	300,312
	Page BOQ - 436 of Bill SR 2	745,640	312,849
	Page BOQ - 437 of Bill SR 2	106,615	44,727
	Page BOQ - 438 of Bill SR 2	188,714	79,330
	Page BOQ - 439 of Bill SR 2	287,671	120,835
	Page BOQ - 440 of Bill SR 2	228,954	96,239
	Page BOQ - 441 of Bill SR 2	52,813	22,200
	Page BOQ - 442 of Bill SR 2	336,758	141,350
	Carried Forward	183,553,043	77,143,544

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 2 - Sum

Construction of Service Reservoir

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	183,553,043	77,143,544
SR 2	Page BOQ - 443 of Bill SR 2	198,057	82,922
	Page BOQ - 444 of Bill SR 2	49,047	20,448
	Page BOQ - 445 of Bill SR 2	47,807	20,094
	Page BOQ - 446 of Bill SR 2	285,800	126,630
	Page BOQ - 447 of Bill SR 2	278,117	116,672
	Page BOQ - 448 of Bill SR 2	180,612	75,861
	Page BOQ - 449 of Bill SR 2	99,879	41,988
	Page BOQ - 450 of Bill SR 2	390,398	164,003
	Page BOQ - 451 of Bill SR 2	6,827	2,865
	Page BOQ - 452 of Bill SR 2	60,352	25,369
	Page BOQ - 453 of Bill SR 2	231,131	96,972
	Page BOQ - 454 of Bill SR 2	132,111	55,311
	Page BOQ - 455 of Bill SR 2	36,327	15,151
	Page BOQ - 456 of Bill SR 2	15,070	6,330
	Page BOQ - 457 of Bill SR 2	747,285	314,099
	Page BOQ - 458 of Bill SR 2	595,637	249,735
	Carried Forward	186,907,500	78,557,994

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 2 - Sum

Construction of Service Reservoir

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	186,907,500	78,557,994
SR 2	Page BOQ - 459 of Bill SR 2	209,058	87,729
	Page BOQ - 460 of Bill SR 2	156,988	65,947
	Page BOQ - 461 of Bill SR 2	334,553	140,644
	Page BOQ - 462 of Bill SR 2	477,320	200,530
	Page BOQ - 463 of Bill SR 2	7,501	3,147
	Page BOQ - 464 of Bill SR 2	61,420	25,818
	Page BOQ - 465 of Bill SR 2	472,087	198,229
	Page BOQ - 466 of Bill SR 2	263,466	110,199
	Page BOQ - 467 of Bill SR 2	29,752	12,468
	Page BOQ - 468 of Bill SR 2	25,312	47,402
	Page BOQ - 469 of Bill SR 2	346,500	145,672
SR2-SUM	Total of SR 2 to Bill Summary	189,291,457	79,595,779

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 4 - Sum

Supply of PVC Pipes/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
SR 4	Page BOQ - 515 of Bill SR 4	319,012	133,677
	Page BOQ - 516 of Bill SR 4	1,670,430	700,000
	Page BOQ - 517 of Bill SR 4	359,570	150,703
	Page BOQ - 518 of Bill SR 4	1,132,608	474,919
	Page BOQ - 519 of Bill SR 4	852,780	357,212
	Page BOQ - 520 of Bill SR 4	531,673	222,779
	Page BOQ - 521 of Bill SR 4	447,401	187,591
	Page BOQ - 522 of Bill SR 4	19,104	8,008
SR4-SUM	Total of SR 4 to Bill Summary	4,334,400	1,816,511

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 5 - Sum

Laying of DI Pipes/Valves/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
SR 5	Page BOQ - 523 of Bill SR 5	174,095	72,981
	Page BOQ - 524 of Bill SR 5	400,503	167,725
	Page BOQ - 525 of Bill SR 5	321,050	134,513
	Page BOQ - 526 of Bill SR 5	273,071	114,444
	Page BOQ - 527 of Bill SR 5	399,156	167,155
	Page BOQ - 528 of Bill SR 5	207,610	86,888
	Page BOQ - 529 of Bill SR 5	103,526	43,280
	Page BOQ - 530 of Bill SR 5	369,951	155,126
SR5-SUM	Total of SR 5 to Bill Summary	1,879,011	786,986

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 6 - Sum

Laying of PVC Pipes/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
SR 6	Page BOQ - 531 of Bill SR 6	404,605	169,662
	Page BOQ - 532 of Bill SR 6	648,249	271,107
	Page BOQ - 533 of Bill SR 6	496,183	207,463
	Page BOQ - 534 of Bill SR 6	417,285	174,858
	Page BOQ - 535 of Bill SR 6	815,198	341,460
	Page BOQ - 536 of Bill SR 6	147,205	61,572
	Page BOQ - 537 of Bill SR 6	614,078	257,455
SR6-SUM	Total of SR 6 to Bill Summary	3,542,803	1,483,577

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 8 - Sum

Installation of Pumps/Fittings, Equipment

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
SR 8	Page BOQ - 547 of Bill SR 8	1,459,808	1,316,958
	Page BOQ - 548 of Bill SR 8	1,672,652	1,508,975
	Page BOQ - 549 of Bill SR 8	1,233,817	1,113,090
	Page BOQ - 550 of Bill SR 8	2,945,481	1,069,483
	Page BOQ - 551 of Bill SR 8	1,974,217	1,103,524
	Page BOQ - 552 of Bill SR 8	2,509,404	908,831
	Page BOQ - 553 of Bill SR 8	1,775,103	862,548
SR8-SUM	Total of SR 8 to Bill Summary	13,570,482	7,883,409

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 3 - Sum

Supply of DI Pipes/Valves/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
SR 3	Page BOQ - 470 of Bill SR 3	208,267	756,824	206,927
	Page BOQ - 471 of Bill SR 3	613,340	2,228,791	609,387
	Page BOQ - 472 of Bill SR 3	269,266	978,523	267,531
	Page BOQ - 473 of Bill SR 3	522,388	1,898,279	519,022
	Page BOQ - 474 of Bill SR 3	689,006	2,503,715	684,564
	Page BOQ - 475 of Bill SR 3	1,207,366	4,387,299	1,199,580
	Page BOQ - 476 of Bill SR 3	1,435,712	5,217,236	1,426,465
	Page BOQ - 477 of Bill SR 3	534,195	1,941,184	530,755
	Page BOQ - 478 of Bill SR 3	570,494	2,073,271	566,826
	Page BOQ - 479 of Bill SR 3	330,507	1,201,029	328,370
	Page BOQ - 480 of Bill SR 3	318,598	1,157,788	316,549
	Page BOQ - 481 of Bill SR 3	353,176	1,283,453	350,900
	Page BOQ - 482 of Bill SR 3	147,660	536,623	146,708
	Page BOQ - 483 of Bill SR 3	292,098	1,061,524	290,212
	Page BOQ - 484 of Bill SR 3	193,510	703,403	192,286
	Carried Forward	7,685,583	27,928,942	7,636,082

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 3 - Sum

Supply of DI Pipes/Valves/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
	Brought Forward	7,685,583	27,928,942	7,636,082
SR 3	Page BOQ - 485 of Bill SR 3	262,903	955,397	261,204
	Page BOQ - 486 of Bill SR 3	313,830	1,140,528	311,817
	Page BOQ - 487 of Bill SR 3	266,779	969,466	265,058
	Page BOQ - 488 of Bill SR 3	637,298	2,315,912	633,191
	Page BOQ - 489 of Bill SR 3	1,400,083	5,087,604	1,391,068
	Page BOQ - 490 of Bill SR 3	1,444,508	5,249,090	1,435,198
	Page BOQ - 491 of Bill SR 3	1,584,221	5,756,768	1,574,002
	Page BOQ - 492 of Bill SR 3	991,470	3,602,800	985,079
	Page BOQ - 493 of Bill SR 3	1,088,241	3,954,457	1,081,224
	Page BOQ - 494 of Bill SR 3	474,627	1,724,773	471,557
	Page BOQ - 495 of Bill SR 3	493,095	1,791,873	489,922
	Page BOQ - 496 of Bill SR 3	455,609	1,655,621	452,674
	Page BOQ - 497 of Bill SR 3	275,773	1,002,150	273,991
	Page BOQ - 498 of Bill SR 3	277,521	1,008,522	275,736
	Carried Forward	17,651,541	64,143,903	17,537,803

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 3 - Sum

Supply of DI Pipes/Valves/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
	Brought Forward	17,651,541	64,143,903	17,537,803
SR 3	Page BOQ - 499 of Bill SR 3	453,013	1,646,239	450,094
	Page BOQ - 500 of Bill SR 3	146,414	532,106	145,474
	Page BOQ - 501 of Bill SR 3	250,373	909,848	248,751
	Page BOQ - 502 of Bill SR 3	470,011	1,708,295	467,008
	Page BOQ - 503 of Bill SR 3	183,546	667,007	182,362
	Page BOQ - 504 of Bill SR 3	243,688	885,610	242,121
	Page BOQ - 505 of Bill SR 3	240,153	872,723	238,600
	Page BOQ - 506 of Bill SR 3	393,191	1,428,821	390,656
	Page BOQ - 507 of Bill SR 3	421,791	1,532,793	419,078
	Page BOQ - 508 of Bill SR 3	2,326,832	8,455,142	2,311,835
	Page BOQ - 509 of Bill SR 3	3,396,018	12,340,257	3,374,131
	Page BOQ - 510 of Bill SR 3	2,276,628	8,272,699	2,261,959
	Page BOQ - 511 of Bill SR 3	6,119,587	22,236,975	6,080,149
	Page BOQ - 512 of Bill SR 3	4,205,334	15,281,100	4,178,228
	Carried Forward	38,778,120	140,913,518	38,528,249

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 3 - Sum

Supply of DI Pipes/Valves/Fittings for Yard Pipe

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
	Brought Forward	38,778,120	140,913,518	38,528,249
SR 3	Page BOQ - 513 of Bill SR 3	2,657,845	9,657,961	2,640,722
	Page BOQ - 514 of Bill SR 3	2,758,331	10,023,080	2,740,556
SR3-SUM	Total of SR 3 to Bill Summary	44,194,296	160,594,559	43,909,527

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR 7 - Sum

Supply of Pumps/Fittings, Equipment

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
SR 7	Page BOQ - 538 of Bill SR 7	2,036,138	8,180,785	1,717,960
	Page BOQ - 539 of Bill SR 7	1,616,082	6,493,111	1,363,545
	Page BOQ - 540 of Bill SR 7	1,409,877	5,664,614	1,189,563
	Page BOQ - 541 of Bill SR 7	2,118,937	8,513,475	1,787,820
	Page BOQ - 542 of Bill SR 7	1,458,113	5,858,415	1,230,263
	Page BOQ - 543 of Bill SR 7	2,216,217	8,904,305	1,869,899
	Page BOQ - 544 of Bill SR 7	1,820,081	7,312,723	1,535,667
	Page BOQ - 545 of Bill SR 7	1,762,199	7,080,162	1,486,829
	Page BOQ - 546 of Bill SR 7	426,281	1,712,708	359,668
SR7-SUM	Total of SR 7 to Bill Summary	14,863,925	59,720,298	12,541,214

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.SR - Sum

Service Reservoir

BOQ Bill No	BILL DESCRIPTION	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
SR 1	Site Work	37,719,409	15,808,070	-
SR 2	Construction of Service Reservoir	189,291,457	79,595,779	-
SR 3	Supply of DI Pipes/Valves/Fittings for Yard Pipe	44,194,296	160,594,559	43,909,527
SR 4	Supply of PVC/SP Pipes/Fittings for Yard Pipe	4,334,400	1,816,511	-
SR 5	Laying of DI Pipes/Valves/Fittings for Yard Pipe	1,879,011	786,986	-
SR 6	Laying of PVC Pipes/Fittings for Yard Pipe	3,542,803	1,483,577	-
SR 7	Supply of Pumps/Fittings, Equipment	14,863,925	59,720,298	12,541,214
SR 8	Installation of Pumps/Fittings, Equipment	13,570,482	7,883,409	-
SR-SUM	Total of Service Reservoir to Grand Summary	309,395,783	327,689,189	56,450,741

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	Supply and Delivery at site all Distribution DI pipes and fittings including rubber rings, lubricant, gaskets, bolts & nuts, Denso primer, paste, protection tape and all other associated material required for complete installation All pipes (except flange pipes) shall be Class - K9 Flange pipes and all fittings except Tees shall be Class - K12 All Tees shall be Class - K14 Flanges shall be of PN 10/16 Depicted in Drawing No: 40-C-01									
DB 1 - 1	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	1090	2,040	6,637	1,814	2,223,600	7,234,330	1,977,260	quotation
DB 1 - 2	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ ⁰	Nr	19	6,045	19,666	5,377	114,855	373,654	102,163	quotation
DB 1 - 3	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ ⁰	Nr	37	6,481	21,084	5,764	239,797	780,108	213,268	quotation
DB 1 - 4	Double Socket Bend, dia 250 mm x 45 ⁰	Nr	8	7,373	23,986	6,558	58,984	191,888	52,464	quotation
DB 1 - 5	Double Socket Bend, dia 250 mm x 90 ⁰	Nr	3	8,999	29,275	8,004	26,997	87,825	24,012	quotation
	For Air Valve Points (PN 10)									
DB 1 - 6	Double Socket Tee with Flanged Branch, dia 200 x 80 mm	Nr	4	6,615	21,519	5,883	26,460	86,076	23,532	quotation
DB 1 - 7	Double Socket Tee with Flanged Branch, dia 250 x 80 mm	Nr	1	8,444	27,470	7,511	8,444	27,470	7,511	quotation
DB 1 - 8	Conection Adaptor, dia 200 mm	Nr	8	9,085	29,555	8,081	72,680	236,440	64,648	quotation
DB 1 - 9	Conection Adaptor, dia 250 mm	Nr	2	11,091	36,079	9,864	22,182	72,158	19,728	quotation
DB 1 - 10	Collar, dia 200 mm	Nr	4	6,567	21,362	5,840	26,268	85,448	23,360	quotation
DB 1 - 11	Collar, dia 250 mm	Nr	1	8,513	27,694	7,572	8,513	27,694	7,572	quotation
DB 1 - 12	Single Orifice Air Valve, dia 80 mm	Nr	5	4,781	15,555	4,253	23,905	77,775	21,265	Rate 2001
DB 1 - 13	Ball Valve, dia 80 mm	Nr	5	4,163	13,544	3,703	20,815	67,720	18,515	Rate 2001
	For Culvert/Utility Crossing and Depression Point (PN 10)									
Total of page BOQ - 574 to DB 1 Bill Summary							2,873,500	9,348,586	2,555,298	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1- 14	Double Socket I/Tee with Flanged Branch, dia 250 x 80 mm	Nr	2	8,850	28,790	7,871	17,700	57,580	15,742	quotation
DB 1- 15	Collar, dia 250 mm	Nr	2	8,513	27,694	7,572	17,026	55,388	15,144	quotation
	<u>For Wash Out (PN 10)</u>									
DB 1- 16	Flanged Spigot, dia 80 mm	Nr	15	1,487	4,840	1,323	22,305	72,600	19,845	quotation
DB 1- 17	Connection Adaptor (DI/PVC), dia 80 mm	Nr	5	4,179	13,595	3,717	20,895	67,975	18,585	quotation
DB 1- 18	Collar, dia 80 mm	Nr	5	2,818	9,168	2,506	14,090	45,840	12,530	quotation
DB 1- 19	Sluice Valve, dia 80 mm	Nr	5	2,390	7,777	2,126	11,950	38,885	10,630	Rate 2001
	<u>Junction Detail</u>									
DB 1- 21	Socket Tee, dia 100 x 100 mm,	Nr	1	3,338	10,860	2,969	3,338	10,860	2,969	quotation
DB 1- 22	Socket Tee, dia 150 x 150 mm,	Nr	2	5,619	18,278	4,997	11,238	36,556	9,994	quotation
DB 1- 23	Socket Tee, dia 200 x 80 mm,	Nr	1	6,245	20,316	5,554	6,245	20,316	5,554	quotation
DB 1- 24	Socket Tee, dia 250 x 100 mm,	Nr	1	8,522	27,723	7,580	8,522	27,723	7,580	quotation
DB 1- 25	Socket Tee, dia 250 x 200 mm,	Nr	1	11,128	36,201	9,898	11,128	36,201	9,898	quotation
DB 1- 26	Socket Reducer, dia 150 x 80 mm,	Nr	1	2,671	8,690	2,376	2,671	8,690	2,376	quotation
DB 1- 27	Socket Reducer, dia 200 x 150 mm,	Nr	1	4,302	13,995	3,826	4,302	13,995	3,826	quotation
DB 1- 28	Socket Reducer, dia 250 x 200 mm,	Nr	1	5,888	19,154	5,237	5,888	19,154	5,237	quotation
DB 1- 29	Flanged Spigot, dia 80 mm, PN10	Nr	2	1,487	4,840	1,323	2,974	9,680	2,646	quotation
DB 1- 30	Flanged Spigot, dia 100 mm, PN10	Nr	1	1,807	5,881	1,608	1,807	5,881	1,608	quotation
DB 1- 31	Flanged Spigot, dia 150 mm, PN10	Nr	3	2,978	9,689	2,649	8,934	29,067	7,947	quotation
DB 1- 32	Flanged Spigot, dia 200 mm, PN10	Nr	1	4,216	13,716	3,750	4,216	13,716	3,750	quotation
DB 1- 33	Flanged Spigot, dia 250 mm, PN10	Nr	1	5,868	19,090	5,219	5,868	19,090	5,219	quotation
DB 1- 34	Short Plain Pipe(2m), dia 80 mm	Nr	2	4,423	14,389	3,934	8,846	28,778	7,868	quotation
Total of page BOQ - 575 to DB 1 Bill Summary							189,943	617,975	168,948	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1- 35	Short Plain Pipe(2m), dia 100 mm	Nr	6	5,514	17,938	4,904	33,084	107,628	29,424	quotation
DB 1- 36	Short Plain Pipe(2m), dia 150 mm	Nr	12	8,793	28,603	7,820	105,516	343,236	93,840	quotation
DB 1- 37	Short Plain Pipe(2m), dia 200 mm	Nr	3	12,522	40,735	11,138	37,566	122,205	33,414	quotation
DB 1- 38	Flanged Adaptor, dia 150 mm, PN10	Nr	3	3,578	11,640	3,182	10,734	34,920	9,546	quotation
DB 1- 39	Flanged Adaptor, dia 200 mm, PN10	Nr	1	4,718	15,348	4,196	4,718	15,348	4,196	quotation
DB 1- 40	Flanged Adaptor, dia 250 mm, PN10	Nr	1	6,297	20,484	5,600	6,297	20,484	5,600	quotation
DB 1- 41	Connection Adaptor (DI/PVC), dia 80 x 90 mm	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1- 42	Connection Adaptor (DI/PVC), dia 100 x 110 mm	Nr	2	5,049	16,424	4,490	10,098	32,848	8,980	quotation
DB 1- 43	Connection Adaptor (DI/PVC), dia 150 x 160 mm	Nr	4	6,720	21,860	5,977	26,880	87,440	23,908	quotation
DB 1- 44	Connection Adaptor (DI/PVC), dia 200 x 225 mm	Nr	1	9,085	29,555	8,081	9,085	29,555	8,081	quotation
DB 1- 45	Collar, dia 80 mm,	Nr	2	2,818	9,168	2,506	5,636	18,336	5,012	quotation
DB 1- 46	Collar, dia 100 mm,	Nr	4	3,500	11,386	3,113	14,000	45,544	12,452	quotation
DB 1- 47	Collar, dia 150 mm,	Nr	5	5,267	17,136	4,685	26,335	85,680	23,425	quotation
DB 1- 48	Collar, dia 200 mm,	Nr	1	6,567	21,362	5,840	6,567	21,362	5,840	quotation
DB 1- 49	Collar, dia 250 mm,	Nr	3	8,513	27,694	7,572	25,539	83,082	22,716	quotation
DB 1- 50	Sluice Valve, dia 80 mm, PN10	Nr	2	2,390	7,777	2,126	4,780	15,554	4,252	Rate 2001
DB 1- 51	Sluice Valve, dia 100 mm, PN10	Nr	1	2,825	9,191	2,513	2,825	9,191	2,513	Rate 2001
DB 1- 52	Sluice Valve, dia 150 mm, PN10	Nr	3	4,564	14,847	4,059	13,692	44,541	12,177	Rate 2001
DB 1- 53	Sluice Valve, dia 200 mm, PN10	Nr	1	6,303	20,504	5,606	6,303	20,504	5,606	Rate 2001
DB 1- 54	Sluice Valve, dia 250 mm, PN10	Nr	1	6,868	22,342	6,108	6,868	22,342	6,108	Rate 2001
	Depicted in Drawing No: 40-C-12									
DB 1- 55	Socket & Spigot Pipes, dia 100 mm length 6 m, T Type	m	34	723	2,355	643	24,582	80,070	21,862	quotation
Total of page BOQ - 576 to DB 1 Bill Summary							389,463	1,267,060	346,386	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1- 56	Double Socket Bend, dia 100 mm x 11 ¹ / ₄ ⁰ For Air Valve Points (PN 10)	Nr	1	1,839	5,984	1,636	1,839	5,984	1,636	quotation
DB 1- 57	Double Socket Tee with Flanged Branch, dia 100 x 80 mm	Nr	1	3,311	10,773	2,945	3,311	10,773	2,945	quotation
DB 1- 58	Conection Adaptor, dia 100 mm	Nr	2	5,049	16,424	4,490	10,098	32,848	8,980	quotation
DB 1- 59	Collar, dia 100 mm	Nr	1	3,500	11,386	3,113	3,500	11,386	3,113	quotation
DB 1- 60	Single Orifice Air Valve, dia 80 mm	Nr	1	4,781	15,555	4,253	4,781	15,555	4,253	Rate 2001
DB 1- 61	Ball Valve, dia 80 mm For Culvert/Utility Crossing and Depression Point (PN 10)	Nr	1	4,163	13,544	3,703	4,163	13,544	3,703	Rate 2001
DB 1- 62	Double Socket I/Tee with Flanged Branch, dia 80 x 80 mm	Nr	1	2,775	9,028	2,468	2,775	9,028	2,468	quotation
DB 1- 63	Double Socket I/Tee with Flanged Branch, dia 100 x 80 mm	Nr	2	3,311	10,773	2,945	6,622	21,546	5,890	quotation
DB 1- 64	Connection Adaptor, dia 80 mm	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1- 65	Connection Adaptor, dia 100 mm	Nr	4	5,049	16,424	4,490	20,196	65,696	17,960	quotation
DB 1- 66	Collar, dia 80 mm	Nr	1	2,818	9,168	2,506	2,818	9,168	2,506	quotation
DB 1- 67	Collar, dia 100 mm For Wash Out (PN 10)	Nr	2	3,500	11,386	3,113	7,000	22,772	6,226	quotation
DB 1- 68	Flanged Spigot, dia 80 mm	Nr	9	1,487	4,840	1,323	13,383	43,560	11,907	quotation
DB 1- 69	Connection Adaptor (DI/PVC), dia 80 mm	Nr	3	4,179	13,595	3,717	12,537	40,785	11,151	quotation
DB 1- 70	Collar, dia 80 mm	Nr	3	2,818	9,168	2,506	8,454	27,504	7,518	quotation
DB 1- 71	Sluice Valve, dia 80 mm Junction Detail	Nr	3	2,390	7,777	2,126	7,170	23,331	6,378	Rate 2001
Total of page BOQ - 577 to DB 1 Bill Summary							117,005	380,670	104,068	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1- 72	Socket Tee, dia 100 x 100 mm,	Nr	1	3,338	10,860	2,969	3,338	10,860	2,969	quotation
DB 1- 73	Flanged Spigot, dia 100 mm, PN10	Nr	6	1,807	5,881	1,608	10,842	35,286	9,648	quotation
DB 1- 74	Connection Adaptor (DI/PVC), dia 100 x 110 mm, PN10	Nr	3	5,049	16,424	4,490	15,147	49,272	13,470	quotation
DB 1- 75	Collar, dia 100 mm,	Nr	2	3,500	11,386	3,113	7,000	22,772	6,226	quotation
DB 1- 76	Sluice Valve, dia 100 mm, PN10	Nr	3	2,825	9,191	2,513	8,475	27,573	7,539	Rate 2001
	Depicted in Drawing No: 40-C-15									
DB 1- 77	Socket & Spigot Pipes, dia 300 mm length 6 m, T Type	m	222	2,590	8,427	2,304	574,980	1,870,794	511,488	quotation
DB 1- 78	Double Socket Bend, dia 300 mm x 11 ¹ / ₄ ⁰	Nr	6	7,790	25,342	6,929	46,740	152,052	41,574	quotation
DB 1- 79	Double Socket Bend, dia 300 mm x 22 ¹ / ₂ ⁰	Nr	1	8,485	27,603	7,547	8,485	27,603	7,547	quotation
	For Air Valve Points (PN 10)									
DB 1- 80	Double Socket Tee with Flanged Branch, dia 200 x 80 mm	Nr	1	6,615	21,519	5,883	6,615	21,519	5,883	quotation
DB 1- 81	Connection Adaptor, dia 200 mm	Nr	2	9,085	29,555	8,081	18,170	59,110	16,162	quotation
DB 1- 82	Collar, dia 200 mm	Nr	1	6,567	21,362	5,840	6,567	21,362	5,840	quotation
DB 1- 83	Single Orifice Air Valve, dia 80 mm	Nr	1	4,781	15,555	4,253	4,781	15,555	4,253	Rate 2001
DB 1- 84	Ball Valve, dia 80 mm	Nr	1	4,163	13,544	3,703	4,163	13,544	3,703	Rate 2001
	For Culvert/Utility Crossing and Depression Point (PN 10)									
DB 1- 85	Double Socket I/Tee with Flanged Branch, dia 200 x 80 mm	Nr	2	7,101	23,101	6,316	14,202	46,202	12,632	quotation
DB 1- 86	Connection Adaptor, dia 200 mm	Nr	4	9,085	29,555	8,081	36,340	118,220	32,324	quotation
DB 1- 87	Collar, dia 200 mm	Nr	2	6,567	21,362	5,840	13,134	42,724	11,680	quotation
Total of page BOQ - 578 to DB 1 Bill Summary							778,979	2,534,448	692,938	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<u>For Wash Out (PN 10)</u>									
DB 1- 88	Flanged Spigot, dia 80 mm	Nr	6	1,487	4,840	1,323	8,922	29,040	7,938	quotation
DB 1- 89	Connection Adaptor (DI/PVC), dia 80 mm	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1- 90	Collar, dia 80 mm	Nr	2	2,818	9,168	2,506	5,636	18,336	5,012	quotation
DB 1- 91	Sluice Valve, dia 80 mm	Nr	2	2,390	7,777	2,126	4,780	15,554	4,252	Rate 2001
	<u>Junction Detail</u>									
DB 1- 92	Socket Tee, dia 200 x 80 mm,	Nr	1	6,245	20,316	5,554	6,245	20,316	5,554	quotation
DB 1- 93	Socket Tee, dia 200 x 100 mm,	Nr	1	6,687	21,755	5,948	6,687	21,755	5,948	quotation
DB 1- 94	Socket Tee, dia 300 x 200 mm,	Nr	1	12,749	41,474	11,340	12,749	41,474	11,340	quotation
DB 1- 95	Socket Reducer, dia 200 x 150 mm,	Nr	2	4,302	13,995	3,826	8,604	27,990	7,652	quotation
DB 1- 96	Socket Reducer, dia 300 x 200 mm,	Nr	1	7,678	24,977	6,829	7,678	24,977	6,829	quotation
DB 1- 97	Double Socket Bend, dia 80 mm x 45°	Nr	1	1,498	4,876	1,333	1,498	4,876	1,333	quotation
DB 1- 98	Flanged Spigot, dia 80 mm, PN10	Nr	2	1,487	4,840	1,323	2,974	9,680	2,646	quotation
DB 1- 99	Flanged Spigot, dia 100 mm, PN10	Nr	3	1,807	5,881	1,608	5,421	17,643	4,824	quotation
DB 1-100	Flanged Spigot, dia 150 mm, PN10	Nr	2	2,978	9,689	2,649	5,956	19,378	5,298	quotation
DB 1-101	Flanged Spigot, dia 200 mm, PN10	Nr	3	4,216	13,716	3,750	12,648	41,148	11,250	quotation
DB 1-102	Short Plain Pipe(2m), dia 80 mm	Nr	2	4,423	14,389	3,934	8,846	28,778	7,868	quotation
DB 1-103	Short Plain Pipe(2m), dia 100 mm	Nr	2	5,514	17,938	4,904	11,028	35,876	9,808	quotation
DB 1-104	Short Plain Pipe(2m), dia 150 mm	Nr	4	8,793	28,603	7,820	35,172	114,412	31,280	quotation
DB 1-105	Short Plain Pipe(2m), dia 200 mm	Nr	10	12,522	40,735	11,138	125,220	407,350	111,380	quotation
DB 1-106	Flanged Adaptor, dia 150 mm, PN10	Nr	2	3,578	11,640	3,182	7,156	23,280	6,364	quotation
DB 1-107	Flanged Adaptor, dia 200 mm, PN10	Nr	3	4,718	15,348	4,196	14,154	46,044	12,588	quotation
Total of page BOQ - 579 to DB 1 Bill Summary							299,732	975,097	266,598	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-108	Connection Adaptor (DI/PVC), dia 80 x 90 mm, PN10	Nr	1	4,179	13,595	3,717	4,179	13,595	3,717	quotation
DB 1-109	Connection Adaptor (DI/PVC), dia 100 x 110 mm, PN10	Nr	1	5,049	16,424	4,490	5,049	16,424	4,490	quotation
DB 1-110	Connection Adaptor (DI/PVC), dia 150 x 160 mm, PN10	Nr	2	6,720	21,860	5,977	13,440	43,720	11,954	quotation
DB 1-111	Connection Adaptor (DI/PVC), dia 200 x 225 mm, PN10	Nr	5	9,085	29,555	8,081	45,425	147,775	40,405	quotation
DB 1-112	Collar, dia 80 mm,	Nr	2	2,818	9,168	2,506	5,636	18,336	5,012	quotation
DB 1-113	Collar, dia 100 mm,	Nr	2	3,500	11,386	3,113	7,000	22,772	6,226	quotation
DB 1-114	Collar, dia 150 mm,	Nr	3	5,267	17,136	4,685	15,801	51,408	14,055	quotation
DB 1-115	Collar, dia 200 mm,	Nr	5	6,567	21,362	5,840	32,835	106,810	29,200	quotation
DB 1-116	Sluice Valve, dia 80 mm, PN10	Nr	1	2,390	7,777	2,126	2,390	7,777	2,126	Rate 2001
DB 1-117	Sluice Valve, dia 100 mm, PN10	Nr	1	2,825	9,191	2,513	2,825	9,191	2,513	Rate 2001
DB 1-118	Sluice Valve, dia 150 mm, PN10	Nr	2	4,564	14,847	4,059	9,128	29,694	8,118	Rate 2001
DB 1-119	Sluice Valve, dia 200 mm, PN10	Nr	3	6,303	20,504	5,606	18,909	61,512	16,818	Rate 2001
	Depicted in Drawing No: 40-C-16									
DB 1-120	Socket & Spigot Pipes, dia 300 mm length 6 m, T Type	m	579	2,590	8,427	2,304	1,499,610	4,879,233	1,334,016	quotation
DB 1-121	Double Socket Bend, dia 300 mm x 11 ¹ / ₄ ⁰	Nr	9	7,790	25,342	6,929	70,110	228,078	62,361	quotation
DB 1-122	Double Socket Bend, dia 300 mm x 22 ¹ / ₂ ⁰	Nr	23	8,485	27,603	7,547	195,155	634,869	173,581	quotation
DB 1-123	Double Socket Bend, dia 300 mm x 45 ⁰	Nr	3	9,786	31,835	8,704	29,358	95,505	26,112	quotation
DB 1-124	Double Socket Bend, dia 300 mm x 90 ⁰	Nr	2	12,310	40,044	10,949	24,620	80,088	21,898	quotation
	For Air Valve Points (PN 10)									
DB 1-125	Double Socket Tee with Flanged Branch, dia 150 x 80 mm	Nr	1	4,696	15,278	4,177	4,696	15,278	4,177	quotation
DB 1-126	Double Socket Tee with Flanged Branch, dia 300 x 80 mm	Nr	3	9,899	32,201	8,804	29,697	96,603	26,412	quotation
DB 1-127	Connection Adaptor, dia 150 mm	Nr	2	6,720	21,860	5,977	13,440	43,720	11,954	quotation
Total of page BOQ - 580 to DB 1 Bill Summary							2,029,303	6,602,388	1,805,145	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-128	Collar, dia 150 mm	Nr	1	5,267	17,136	4,685	5,267	17,136	4,685	quotation
DB 1-129	Collar, dia 300 mm	Nr	3	11,593	37,711	10,311	34,779	113,133	30,933	quotation
DB 1-130	Single Orifice Air Valve, dia 80 mm	Nr	4	4,781	15,555	4,253	19,124	62,220	17,012	Rate 2001
DB 1-131	Ball Valve, dia 80 mm	Nr	4	4,163	13,544	3,703	16,652	54,176	14,812	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 10)</u>									
DB 1-132	Double Socket I/Tee with Flanged Branch, dia 150 x 80 mm	Nr	2	4,696	15,278	4,177	9,392	30,556	8,354	quotation
DB 1-133	Double Socket I/Tee with Flanged Branch, dia 300 x 80 mm	Nr	3	11,080	36,045	9,855	33,240	108,135	29,565	quotation
DB 1-134	Connection Adaptor, dia 150 mm	Nr	4	6,720	21,860	5,977	26,880	87,440	23,908	quotation
DB 1-135	Collar, dia 150 mm	Nr	2	5,267	17,136	4,685	10,534	34,272	9,370	quotation
DB 1-136	Collar, dia 300 mm	Nr	3	11,593	37,711	10,311	34,779	113,133	30,933	quotation
	<u>For Wash Out (PN 10)</u>									
DB 1-137	Flanged Spigot, dia 80 mm	Nr	15	1,487	4,840	1,323	22,305	72,600	19,845	quotation
DB 1-138	Connection Adaptor (DI/PVC), dia 80 mm	Nr	5	4,179	13,595	3,717	20,895	67,975	18,585	quotation
DB 1-139	Collar, dia 80 mm	Nr	5	2,818	9,168	2,506	14,090	45,840	12,530	quotation
DB 1-140	Sluice Valve, dia 80 mm	Nr	5	2,390	7,777	2,126	11,950	38,885	10,630	Rate 2001
	<u>Junction Detail</u>									
DB 1-141	Socket Tee, dia 150 x 80 mm,	Nr	1	4,408	14,339	3,920	4,408	14,339	3,920	quotation
DB 1-142	Socket Tee, dia 150 x 100 mm,	Nr	1	4,773	15,527	4,245	4,773	15,527	4,245	quotation
DB 1-143	Socket Tee, dia 300 x 100 mm,	Nr	3	9,824	31,958	8,738	29,472	95,874	26,214	quotation
DB 1-144	Socket Tee, dia 300 x 300 mm,	Nr	1	15,888	51,683	14,131	15,888	51,683	14,131	quotation
DB 1-145	Socket Reducer, dia 100 x 80 mm,	Nr	2	1,714	5,576	1,524	3,428	11,152	3,048	quotation
DB 1-146	Socket Reducer, dia 150 x 80 mm,	Nr	1	2,671	8,690	2,376	2,671	8,690	2,376	quotation
DB 1-147	Socket Reducer, dia 300 x 150 mm,	Nr	1	7,510	24,430	6,679	7,510	24,430	6,679	quotation
DB 1-148	Socket Reducer, dia 300 x 250 mm,	Nr	1	7,432	24,177	6,610	7,432	24,177	6,610	quotation
DB 1-149	Double Socket Bend, dia 100 mm x 45°	Nr	1	2,020	6,573	1,797	2,020	6,573	1,797	quotation
DB 1-150	Double Socket Bend, dia 80 mm x 90°	Nr	1	1,643	5,345	1,461	1,643	5,345	1,461	quotation
Total of page BOQ - 581 to DB 1 Bill Summary							339,132	1,103,291	301,643	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-151	Flanged Spigot, dia 80 mm, PN10	Nr	8	1,487	4,840	1,323	11,896	38,720	10,584	quotation
DB 1-152	Flanged Spigot, dia 100 mm, PN10	Nr	2	1,807	5,881	1,608	3,614	11,762	3,216	quotation
DB 1-153	Flanged Spigot, dia 150 mm, PN10	Nr	3	2,978	9,689	2,649	8,934	29,067	7,947	quotation
DB 1-154	Flanged Spigot, dia 250 mm, PN10	Nr	1	5,868	19,090	5,219	5,868	19,090	5,219	quotation
DB 1-155	Flanged Spigot, dia 300 mm, PN10	Nr	1	7,750	25,213	6,893	7,750	25,213	6,893	quotation
DB 1-156	Short Plain Pipe(2m), dia 80 mm	Nr	6	4,423	14,389	3,934	26,538	86,334	23,604	quotation
DB 1-157	Short Plain Pipe(2m), dia 100 mm	Nr	3	5,514	17,938	4,904	16,542	53,814	14,712	quotation
DB 1-158	Short Plain Pipe(2m), dia 150 mm	Nr	8	8,793	28,603	7,820	70,344	228,824	62,560	quotation
DB 1-159	Short Plain Pipe(2m), dia 250 mm	Nr	2	16,664	54,209	14,822	33,328	108,418	29,644	quotation
DB 1-160	Flanged Adaptor, dia 150 mm, PN10	Nr	3	3,578	11,640	3,182	10,734	34,920	9,546	quotation
DB 1-161	Flanged Adaptor, dia 250 mm, PN10	Nr	1	6,297	20,484	5,600	6,297	20,484	5,600	quotation
DB 1-162	Flanged Adaptor, dia 300 mm, PN10	Nr	1	8,254	26,851	7,341	8,254	26,851	7,341	quotation
DB 1-163	Connection Adaptor (DI/PVC), dia 80 x 90 mm, PN10	Nr	4	4,179	13,595	3,717	16,716	54,380	14,868	quotation
DB 1-164	Connection Adaptor (DI/PVC), dia 150 x 160 mm, PN10	Nr	6	6,720	21,860	5,977	40,320	131,160	35,862	quotation
DB 1-165	Collar, dia 80 mm,	Nr	4	2,818	9,168	2,506	11,272	36,672	10,024	quotation
DB 1-166	Collar, dia 100 mm,	Nr	1	3,500	11,386	3,113	3,500	11,386	3,113	quotation
DB 1-167	Collar, dia 150 mm,	Nr	7	5,267	17,136	4,685	36,869	119,952	32,795	quotation
DB 1-168	Collar, dia 250 mm,	Nr	1	8,513	27,694	7,572	8,513	27,694	7,572	quotation
DB 1-169	Collar, dia 300 mm,	Nr	3	11,593	37,711	10,311	34,779	113,133	30,933	quotation
DB 1-170	Sluice Valve, dia 80 mm, PN10	Nr	4	2,390	7,777	2,126	9,560	31,108	8,504	Rate 2001
DB 1-171	Sluice Valve, dia 100 mm, PN10	Nr	1	2,825	9,191	2,513	2,825	9,191	2,513	Rate 2001
DB 1-172	Sluice Valve, dia 150 mm, PN10	Nr	3	4,564	14,847	4,059	13,692	44,541	12,177	Rate 2001
DB 1-173	Sluice Valve, dia 250 mm, PN10	Nr	1	6,868	22,342	6,108	6,868	22,342	6,108	Rate 2001
DB 1-174	Sluice Valve, dia 300 mm, PN10	Nr	1	10,809	35,162	9,614	10,809	35,162	9,614	Rate 2001
	Depicted in Drawing No: 40-C-17									
DB 1-175	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	127	2,040	6,637	1,814	259,080	842,899	230,378	quotation
Total of page BOQ - 582 to DB 1 Bill Summary							664,902	2,163,117	591,327	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-176	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ ⁰	Nr	2	6,045	19,666	5,377	12,090	39,332	10,754	quotation
DB 1-177	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ ⁰	Nr	3	6,481	21,084	5,764	19,443	63,252	17,292	quotation
DB 1-178	Double Socket Bend, dia 250 mm x 45 ⁰	Nr	1	7,373	23,986	6,558	7,373	23,986	6,558	quotation
	<u>For Air Valve Points (PN 10)</u>									
DB 1-179	Double Socket Tee with Flanged Branch, dia 150 x 80 mm	Nr	1	4,696	15,278	4,177	4,696	15,278	4,177	quotation
DB 1-180	Double Socket Tee with Flanged Branch, dia 200 x 80 mm	Nr	2	6,615	21,519	5,883	13,230	43,038	11,766	quotation
DB 1-181	Conection Adaptor, dia 150 mm	Nr	2	6,720	21,860	5,977	13,440	43,720	11,954	quotation
DB 1-182	Conection Adaptor, dia 200 mm	Nr	4	9,085	29,555	8,081	36,340	118,220	32,324	quotation
DB 1-183	Collar, dia 150 mm	Nr	1	5,267	17,136	4,685	5,267	17,136	4,685	quotation
DB 1-184	Collar, dia 200 mm	Nr	2	6,567	21,362	5,840	13,134	42,724	11,680	quotation
DB 1-185	Single Orifice Air Valve, dia 80 mm	Nr	3	4,781	15,555	4,253	14,343	46,665	12,759	Rate 2001
DB 1-186	Ball Valve, dia 80 mm	Nr	3	4,163	13,544	3,703	12,489	40,632	11,109	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 10)</u>									
DB 1-187	Double Socket I/Tee with Flanged Branch, dia 200 x 80 mm	Nr	2	7,101	23,101	6,316	14,202	46,202	12,632	quotation
DB 1-188	Double Socket I/Tee with Flanged Branch, dia 250 x 80 mm	Nr	1	8,850	28,790	7,871	8,850	28,790	7,871	quotation
DB 1-189	Connection Adaptor, dia 200 mm	Nr	4	9,085	29,555	8,081	36,340	118,220	32,324	quotation
DB 1-190	Collar, dia 200 mm	Nr	2	6,567	21,362	5,840	13,134	42,724	11,680	quotation
DB 1-191	Collar, dia 250 mm	Nr	1	8,513	27,694	7,572	8,513	27,694	7,572	quotation
	<u>For Wash Out (PN 10)</u>									
DB 1-192	Flanged Spigot, dia 80 mm	Nr	9	1,487	4,840	1,323	13,383	43,560	11,907	quotation
DB 1-193	Connection Adaptor (DI/PVC), dia 80 mm	Nr	3	4,179	13,595	3,717	12,537	40,785	11,151	quotation
DB 1-194	Collar, dia 80 mm	Nr	3	2,818	9,168	2,506	8,454	27,504	7,518	quotation
DB 1-195	Sluice Valve, dia 80 mm	Nr	3	2,390	7,777	2,126	7,170	23,331	6,378	Rate 2001
	<u>Junction Detail</u>									
DB 1-196	Socket Tee, dia 150 x 80 mm,	Nr	1	4,408	14,339	3,920	4,408	14,339	3,920	quotation
DB 1-197	Socket Tee, dia 150 x 100 mm,	Nr	1	4,773	15,527	4,245	4,773	15,527	4,245	quotation
Total of page BOQ - 583 to DB 1 Bill Summary							283,609	922,659	252,256	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-198	Socket Tee, dia 150 x 150 mm,	Nr	1	5,619	18,278	4,997	5,619	18,278	4,997	quotation
DB 1-199	Socket Tee, dia 200 x 80 mm,	Nr	3	6,245	20,316	5,554	18,735	60,948	16,662	quotation
DB 1-200	Socket Tee, dia 200 x 150 mm,	Nr	1	7,617	24,778	6,774	7,617	24,778	6,774	quotation
DB 1-201	Socket Tee, dia 250 x 100 mm,	Nr	2	8,522	27,723	7,580	17,044	55,446	15,160	quotation
DB 1-202	Socket Reducer, dia 200 x 150 mm,	Nr	1	4,302	13,995	3,826	4,302	13,995	3,826	quotation
DB 1-203	Socket Reducer, dia 250 x 200 mm,	Nr	1	5,888	19,154	5,237	5,888	19,154	5,237	quotation
DB 1-204	Double Socket Bend, dia 150 mm x 45°	Nr	1	3,410	11,094	3,033	3,410	11,094	3,033	quotation
DB 1-205	Flanged Spigot, dia 80 mm, PN10	Nr	12	1,487	4,840	1,323	17,844	58,080	15,876	quotation
DB 1-206	Flanged Spigot, dia 100 mm, PN10	Nr	2	1,807	5,881	1,608	3,614	11,762	3,216	quotation
DB 1-207	Flanged Spigot, dia 150 mm, PN10	Nr	5	2,978	9,689	2,649	14,890	48,445	13,245	quotation
DB 1-208	Flanged Spigot, dia 200 mm, PN10	Nr	3	4,216	13,716	3,750	12,648	41,148	11,250	quotation
DB 1-209	Short Plain Pipe(2m), dia 80 mm	Nr	1	4,423	14,389	3,934	4,423	14,389	3,934	quotation
DB 1-210	Short Plain Pipe(2m), dia 150 mm	Nr	17	8,793	28,603	7,820	149,481	486,251	132,940	quotation
DB 1-211	Short Plain Pipe(2m), dia 200 mm	Nr	17	12,522	40,735	11,138	212,874	692,495	189,346	quotation
DB 1-212	Short Plain Pipe(2m), dia 250 mm	Nr	4	16,664	54,209	14,822	66,656	216,836	59,288	quotation
DB 1-213	Flanged Adaptor, dia 150 mm, PN10	Nr	5	3,578	11,640	3,182	17,890	58,200	15,910	quotation
DB 1-214	Flanged Adaptor, dia 200 mm, PN10	Nr	3	4,718	15,348	4,196	14,154	46,044	12,588	quotation
DB 1-215	Connection Adaptor (DI/PVC), dia 80 x 90 mm, PN10	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1-216	Connection Adaptor (DI/PVC), dia 150 x 160 mm, PN10	Nr	7	6,720	21,860	5,977	47,040	153,020	41,839	quotation
DB 1-217	Connection Adaptor (DI/PVC), dia 200 x 225 mm, PN10	Nr	8	9,085	29,555	8,081	72,680	236,440	64,648	quotation
DB 1-218	Collar, dia 80 mm,	Nr	5	2,818	9,168	2,506	14,090	45,840	12,530	quotation
DB 1-219	Collar, dia 150 mm,	Nr	10	5,267	17,136	4,685	52,670	171,360	46,850	quotation
DB 1-220	Collar, dia 200 mm,	Nr	10	6,567	21,362	5,840	65,670	213,620	58,400	quotation
DB 1-221	End Cap, dia 80 mm, DI	Nr	4	636	2,071	566	2,544	8,284	2,264	quotation
DB 1-222	End Cap, dia 100 mm, DI	Nr	1	795	2,589	707	795	2,589	707	quotation
DB 1-223	Sluice Valve, dia 80 mm, PN10	Nr	6	2,390	7,777	2,126	14,340	46,662	12,756	Rate 2001
Total of page BOQ - 584 to DB 1 Bill Summary							855,276	2,782,348	760,710	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-224	Sluice Valve, dia 100 mm, PN10	Nr	1	2,825	9,191	2,513	2,825	9,191	2,513	Rate 2001
DB 1-225	Sluice Valve, dia 150 mm, PN10	Nr	5	4,564	14,847	4,059	22,820	74,235	20,295	Rate 2001
DB 1-226	Sluice Valve, dia 200 mm, PN10	Nr	3	6,303	20,504	5,606	18,909	61,512	16,818	Rate 2001
	Depicted in Drawing No: 40-C-18									
DB 1-227	Socket & Spigot Pipes, dia 100 mm length 6 m, T Type	m	101	723	2,355	643	73,023	237,855	64,943	quotation
DB 1-228	Double Socket Bend, dia 100 mm x 11 ¹ / ₄ ⁰	Nr	6	1,839	5,984	1,636	11,034	35,904	9,816	quotation
DB 1-229	Double Socket Bend, dia 100 mm x 22 ¹ / ₂ ⁰	Nr	2	1,894	6,162	1,684	3,788	12,324	3,368	quotation
DB 1-230	Double Socket Bend, dia 100 mm x 45 ⁰	Nr	1	2,020	6,573	1,797	2,020	6,573	1,797	quotation
	For Air Valve Points (PN 10)									
DB 1-231	Double Socket Tee with Flanged Branch, dia 100 x 80 mm	Nr	2	3,311	10,773	2,945	6,622	21,546	5,890	quotation
DB 1-232	Conection Adaptor, dia 100 mm	Nr	2	5,049	16,424	4,490	10,098	32,848	8,980	quotation
DB 1-233	Collar, dia 100 mm	Nr	2	3,500	11,386	3,113	7,000	22,772	6,226	quotation
DB 1-234	Single Orifice Air Valve, dia 80 mm	Nr	2	4,781	15,555	4,253	9,562	31,110	8,506	Rate 2001
DB 1-235	Ball Valve, dia 80 mm	Nr	2	4,163	13,544	3,703	8,326	27,088	7,406	Rate 2001
	For Culvert/Utility Crossing and Depression Point (PN 10)									
DB 1-236	Double Socket I/Tee with Flanged Branch, dia 80 x 80 mm	Nr	2	2,775	9,028	2,468	5,550	18,056	4,936	quotation
DB 1-237	Double Socket I/Tee with Flanged Branch, dia 100 x 80 mm	Nr	1	3,311	10,773	2,945	3,311	10,773	2,945	quotation
DB 1-238	Double Socket I/Tee with Flanged Branch, dia 150 x 80 mm	Nr	2	4,696	15,278	4,177	9,392	30,556	8,354	quotation
DB 1-239	Connection Adaptor, dia 80 mm	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1-240	Connection Adaptor, dia 100 mm	Nr	2	5,049	16,424	4,490	10,098	32,848	8,980	quotation
DB 1-241	Connection Adaptor, dia 150 mm	Nr	4	6,720	21,860	5,977	26,880	87,440	23,908	quotation
DB 1-242	Collar, dia 80 mm	Nr	2	2,818	9,168	2,506	5,636	18,336	5,012	quotation
DB 1-243	Collar, dia 100 mm	Nr	1	3,500	11,387	3,113	3,500	11,387	3,113	quotation
DB 1-244	Collar, dia 150 mm	Nr	2	5,267	17,136	4,685	10,534	34,272	9,370	quotation
	For Wash Out (PN 10)									
Total of page BOQ - 585 to DB 1 Bill Summary							259,286	843,816	230,610	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-245	Flanged Spigot, dia 80 mm	Nr	9	1,487	4,840	1,323	13,383	43,560	11,907	quotation
DB 1-246	Connection Adaptor (DI/PVC), dia 80 mm	Nr	3	4,179	13,595	3,717	12,537	40,785	11,151	quotation
DB 1-247	Collar, dia 80 mm	Nr	3	2,818	9,168	2,506	8,454	27,504	7,518	quotation
DB 1-248	Sluice Valve, dia 80 mm	Nr	3	2,390	7,777	2,126	7,170	23,331	6,378	Rate 2001
	Junction Detail									
DB 1-249	Socket Tee, dia 80 x 80 mm,	Nr	1	2,504	8,147	2,227	2,504	8,147	2,227	quotation
DB 1-250	Socket Tee, dia 100 x 100 mm,	Nr	1	3,338	10,860	2,969	3,338	10,860	2,969	quotation
DB 1-251	Socket Tee, dia 150 x 80 mm,	Nr	1	4,408	14,339	3,920	4,408	14,339	3,920	quotation
DB 1-252	Socket Reducer, dia 100 x 80 mm,	Nr	2	1,714	5,576	1,524	3,428	11,152	3,048	quotation
DB 1-253	Socket Reducer, dia 150 x 80 mm,	Nr	1	2,671	8,690	2,376	2,671	8,690	2,376	quotation
DB 1-254	Flanged Spigot, dia 80 mm, PN10	Nr	12	1,487	4,840	1,323	17,844	58,080	15,876	quotation
DB 1-255	Short Plain Pipe(2m), dia 80 mm	Nr	5	4,423	14,389	3,934	22,115	71,945	19,670	quotation
DB 1-256	Short Plain Pipe(2m), dia 100 mm	Nr	3	5,514	17,938	4,904	16,542	53,814	14,712	quotation
DB 1-257	Short Plain Pipe(2m), dia 150 mm	Nr	4	8,793	28,603	7,820	35,172	114,412	31,280	quotation
DB 1-258	Connection Adaptor (DI/PVC), dia 80 x 90 mm, PN10	Nr	6	4,179	13,595	3,717	25,074	81,570	22,302	quotation
DB 1-259	Connection Adaptor (DI/PVC), dia 100 x 110 mm, PN10	Nr	1	5,049	16,424	4,490	5,049	16,424	4,490	quotation
DB 1-260	Connection Adaptor (DI/PVC), dia 150 x 160 mm, PN10	Nr	1	6,720	21,860	5,977	6,720	21,860	5,977	quotation
DB 1-261	Collar, dia 80 mm,	Nr	6	2,818	9,168	2,506	16,908	55,008	15,036	quotation
DB 1-262	End Cap, dia 80 mm, DI	Nr	1	636	2,071	566	636	2,071	566	quotation
DB 1-263	Sluice Valve, dia 80 mm, PN10	Nr	6	2,390	7,777	2,126	14,340	46,662	12,756	Rate 2001
	Depicted in Drawing No: 40-C-20									
DB 1-264	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	244	2,040	6,637	1,814	497,760	1,619,428	442,616	quotation
DB 1-265	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ ⁰	Nr	1	6,045	19,666	5,377	6,045	19,666	5,377	quotation
DB 1-266	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ ⁰	Nr	4	6,481	21,084	5,764	25,924	84,336	23,056	quotation
DB 1-267	Double Socket Bend, dia 250 mm x 45 ⁰	Nr	2	7,373	23,986	6,558	14,746	47,972	13,116	quotation
DB 1-268	Double Socket Bend, dia 250 mm x 90 ⁰	Nr	1	8,999	29,275	8,004	8,999	29,275	8,004	quotation
Total of page BOQ - 586 to DB 1 Bill Summary							771,767	2,510,891	686,328	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<u>For Air Valve Points (PN 10)</u>									
DB 1-269	Double Socket Tee with Flanged Branch, dia 200 x 80 mm	Nr	2	6,615	21,519	5,883	13,230	43,038	11,766	quotation
DB 1-270	Double Socket Tee with Flanged Branch, dia 250 x 80 mm	Nr	1	8,444	27,470	7,511	8,444	27,470	7,511	quotation
DB 1-271	Conection Adaptor, dia 200 mm	Nr	4	9,085	29,555	8,081	36,340	118,220	32,324	quotation
DB 1-272	Collar, dia 200 mm	Nr	2	6,567	21,362	5,840	13,134	42,724	11,680	quotation
DB 1-273	Collar, dia 250 mm	Nr	1	8,513	27,694	7,572	8,513	27,694	7,572	quotation
DB 1-274	Single Orifice Air Valve, dia 80 mm	Nr	3	4,781	15,555	4,253	14,343	46,665	12,759	Rate 2001
DB 1-275	Ball Valve, dia 80 mm	Nr	3	4,163	13,544	3,703	12,489	40,632	11,109	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 10)</u>									
DB 1-276	Double Socket I/Tee with Flanged Branch, dia 200 x 80 mm	Nr	3	7,101	23,101	6,316	21,303	69,303	18,948	quotation
DB 1-277	Double Socket I/Tee with Flanged Branch, dia 250 x 80 mm	Nr	1	8,850	28,790	7,871	8,850	28,790	7,871	quotation
DB 1-278	Connection Adaptor, dia 200 mm	Nr	6	9,085	29,555	8,081	54,510	177,330	48,486	quotation
DB 1-279	Collar, dia 200 mm	Nr	3	6,567	21,362	5,840	19,701	64,086	17,520	quotation
DB 1-280	Collar, dia 250 mm	Nr	1	8,513	27,694	7,572	8,513	27,694	7,572	quotation
	<u>For Wash Out (PN 10)</u>									
DB 1-281	Flanged Spigot, dia 80 mm	Nr	12	1,487	4,840	1,323	17,844	58,080	15,876	quotation
DB 1-282	Connection Adaptor (DI/PVC), dia 80 mm	Nr	4	4,179	13,595	3,717	16,716	54,380	14,868	quotation
DB 1-283	Collar, dia 80 mm	Nr	4	2,818	9,168	2,506	11,272	36,672	10,024	quotation
DB 1-284	Sluice Valve, dia 80 mm	Nr	4	2,390	7,777	2,126	9,560	31,108	8,504	Rate 2001
	<u>Junction Detail</u>									
DB 1-285	Socket Tee, dia 100 x 100 mm,	Nr	1	3,338	10,860	2,969	3,338	10,860	2,969	quotation
DB 1-286	Socket Tee, dia 150 x 150 mm,	Nr	1	5,619	18,278	4,997	5,619	18,278	4,997	quotation
DB 1-287	Socket Tee, dia 200 x 100 mm,	Nr	1	6,687	21,755	5,948	6,687	21,755	5,948	quotation
DB 1-288	Socket Tee, dia 200 x 150 mm,	Nr	1	7,617	24,778	6,774	7,617	24,778	6,774	quotation
DB 1-289	Socket Tee, dia 200 x 200 mm,	Nr	5	8,888	28,914	7,905	44,440	144,570	39,525	quotation
DB 1-290	Socket Tee, dia 250 x 200 mm,	Nr	1	11,128	36,201	9,898	11,128	36,201	9,898	quotation
Total of page BOQ - 587 to DB 1 Bill Summary							353,591	1,150,328	314,501	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-291	Socket Reducer, dia 200 x 100 mm,	Nr	1	4,163	13,544	3,703	4,163	13,544	3,703	quotation
DB 1-292	Socket Reducer, dia 200 x 150 mm,	Nr	2	4,302	13,995	3,826	8,604	27,990	7,652	quotation
DB 1-293	Socket Reducer, dia 250 x 200 mm,	Nr	1	5,888	19,154	5,237	5,888	19,154	5,237	quotation
DB 1-294	Flanged Spigot, dia 100 mm, PN10	Nr	2	1,807	5,881	1,608	3,614	11,762	3,216	quotation
DB 1-295	Flanged Spigot, dia 150 mm, PN10	Nr	1	2,978	9,689	2,649	2,978	9,689	2,649	quotation
DB 1-296	Flanged Spigot, dia 200 mm, PN10	Nr	9	4,216	13,716	3,750	37,944	123,444	33,750	quotation
DB 1-297	Short Plain Pipe(2m), dia 100 mm	Nr	4	5,514	17,938	4,904	22,056	71,752	19,616	quotation
DB 1-298	Short Plain Pipe(2m), dia 150 mm	Nr	5	8,793	28,603	7,820	43,965	143,015	39,100	quotation
DB 1-299	Short Plain Pipe(2m), dia 200 mm	Nr	26	12,522	40,734	11,137	325,572	1,059,084	289,562	quotation
DB 1-300	Flanged Adaptor, dia 150 mm, PN10	Nr	1	3,578	11,640	3,182	3,578	11,640	3,182	quotation
DB 1-301	Flanged Adaptor, dia 200 mm, PN10	Nr	9	4,718	15,348	4,196	42,462	138,132	37,764	quotation
DB 1-302	Connection Adaptor (DI/PVC), dia 150 x 160 mm, PN10	Nr	4	6,720	21,860	5,977	26,880	87,440	23,908	quotation
DB 1-303	Connection Adaptor (DI/PVC), dia 200 x 225 mm, PN10	Nr	9	9,085	29,555	8,081	81,765	265,995	72,729	quotation
DB 1-304	Collar, dia 100 mm,	Nr	2	3,500	11,386	3,113	7,000	22,772	6,226	quotation
DB 1-305	Collar, dia 150 mm,	Nr	2	5,267	17,136	4,685	10,534	34,272	9,370	quotation
DB 1-306	Collar, dia 200 mm,	Nr	11	6,567	21,362	5,840	72,237	234,982	64,240	quotation
DB 1-307	Collar, dia 250 mm,	Nr	1	8,513	27,694	7,572	8,513	27,694	7,572	quotation
DB 1-308	End Cap, dia 100 mm, DI	Nr	1	795	2,589	707	795	2,589	707	quotation
DB 1-309	End Cap, dia 200 mm, DI	Nr	3	2,206	7,178	1,962	6,618	21,534	5,886	quotation
DB 1-310	Sluice Valve, dia 100 mm, PN10	Nr	1	2,825	9,191	2,513	2,825	9,191	2,513	Rate 2001
DB 1-311	Sluice Valve, dia 150 mm, PN10	Nr	1	4,564	14,847	4,059	4,564	14,847	4,059	Rate 2001
DB 1-312	Sluice Valve, dia 200 mm, PN10	Nr	9	6,303	20,504	5,606	56,727	184,536	50,454	Rate 2001
	Depicted in Drawing No: 40-C-22									
DB 1-313	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	170	2,040	6,637	1,814	346,800	1,128,290	308,380	quotation
DB 1-314	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ ⁰	Nr	2	6,045	19,666	5,377	12,090	39,332	10,754	quotation
DB 1-315	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ ⁰	Nr	1	6,481	21,084	5,764	6,481	21,084	5,764	quotation
Total of page BOQ - 588 to DB 1 Bill Summary							1,144,653	3,723,764	1,017,993	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-316	Double Socket Bend, dia 250 mm x 45 ⁰	Nr	1	7,373	23,986	6,558	7,373	23,986	6,558	quotation
DB 1-317	Double Socket Bend, dia 250 mm x 90 ⁰	Nr	2	8,999	29,275	8,004	17,998	58,550	16,008	quotation
	Junction Detail									
DB 1-318	Socket Tee, dia 200 x 200 mm,	Nr	1	8,888	28,914	7,905	8,888	28,914	7,905	quotation
DB 1-319	Socket Tee, dia 250 x 200 mm,	Nr	1	11,128	36,201	9,898	11,128	36,201	9,898	quotation
DB 1-320	Socket Reducer, dia 250 x 150 mm,	Nr	1	5,720	18,609	5,088	5,720	18,609	5,088	quotation
DB 1-321	Flanged Spigot, dia 150 mm, PN10	Nr	1	2,978	9,689	2,649	2,978	9,689	2,649	quotation
DB 1-322	Flanged Spigot, dia 200 mm, PN10	Nr	1	4,216	13,716	3,750	4,216	13,716	3,750	quotation
DB 1-323	Short Plain Pipe(2m), dia 150 mm	Nr	1	8,793	28,603	7,820	8,793	28,603	7,820	quotation
DB 1-324	Short Plain Pipe(2m), dia 200 mm	Nr	5	12,522	40,735	11,138	62,610	203,675	55,690	quotation
DB 1-325	Flanged Adaptor, dia 150 mm, PN10	Nr	1	3,578	11,640	3,182	3,578	11,640	3,182	quotation
DB 1-326	Flanged Adaptor, dia 200 mm, PN10	Nr	1	4,718	15,348	4,196	4,718	15,348	4,196	quotation
DB 1-327	Connection Adaptor (DI/PVC), dia 200 x 225 mm, PN10	Nr	2	9,085	29,555	8,081	18,170	59,110	16,162	quotation
DB 1-328	Collar, dia 200 mm,	Nr	2	6,567	21,362	5,840	13,134	42,724	11,680	quotation
DB 1-329	Collar, dia 250 mm,	Nr	1	8,513	27,694	7,572	8,513	27,694	7,572	quotation
DB 1-330	End Cap, dia 150 mm, DI	Nr	1	1,391	4,525	1,237	1,391	4,525	1,237	quotation
DB 1-331	Sluice Valve, dia 150 mm, PN10	Nr	1	4,564	14,847	4,059	4,564	14,847	4,059	Rate 2001
DB 1-332	Sluice Valve, dia 200 mm, PN10	Nr	1	6,303	20,504	5,606	6,303	20,504	5,606	Rate 2001
	Depicted in Drawing No: 40-C-23									
DB 1-333	Socket & Spigot Pipes, dia 100 mm length 6 m, T Type	m	100	723	2,355	643	72,300	235,500	64,300	quotation
DB 1-334	Double Socket Bend, dia 100 mm x 11 ¹ / ₄ ⁰	Nr	3	1,839	5,984	1,636	5,517	17,952	4,908	quotation
DB 1-335	Double Socket Bend, dia 100 mm x 22 ¹ / ₂ ⁰	Nr	7	1,894	6,162	1,684	13,258	43,134	11,788	quotation
DB 1-336	Double Socket Bend, dia 100 mm x 45 ⁰	Nr	2	2,020	6,573	1,797	4,040	13,146	3,594	quotation
DB 1-337	Double Socket Bend, dia 100 mm x 90 ⁰	Nr	2	2,230	7,257	1,984	4,460	14,514	3,968	quotation
	For Air Valve Points (PN 10)									
DB 1-338	Double Socket Tee with Flanged Branch, dia 80 x 80 mm	Nr	1	2,775	9,028	2,468	2,775	9,028	2,468	quotation
Total of page BOQ - 589 to DB 1 Bill Summary							292,425	951,609	260,086	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-339	Conection Adaptor, dia 80 mm	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1-340	Collar, dia 80 mm	Nr	1	2,818	9,168	2,506	2,818	9,168	2,506	quotation
DB 1-341	Single Orifice Air Valve, dia 80 mm	Nr	1	4,781	15,555	4,253	4,781	15,555	4,253	Rate 2001
DB 1-342	Ball Valve, dia 80 mm	Nr	1	4,163	13,544	3,703	4,163	13,544	3,703	Rate 2001
	<u>For Culvert/Utility Crossing and Depression Point (PN 10)</u>									
DB 1-343	Double Socket I/Tee with Flanged Branch, dia 80 x 80 mm	Nr	1	2,775	9,028	2,468	2,775	9,028	2,468	quotation
DB 1-344	Double Socket I/Tee with Flanged Branch, dia 100 x 80 mm	Nr	1	3,312	10,774	2,945	3,312	10,774	2,945	quotation
DB 1-345	Connection Adaptor, dia 80 mm	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1-346	Collar, dia 80 mm	Nr	1	2,818	9,168	2,506	2,818	9,168	2,506	quotation
DB 1-347	Collar, dia 100 mm	Nr	1	3,500	11,386	3,113	3,500	11,386	3,113	quotation
	<u>For Wash Out (PN 10)</u>									
DB 1-348	Flanged Spigot, dia 80 mm	Nr	6	1,487	4,840	1,323	8,922	29,040	7,938	quotation
DB 1-349	Connection Adaptor (DI/PVC), dia 80 mm	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1-350	Collar, dia 80 mm	Nr	2	2,818	9,168	2,506	5,636	18,336	5,012	quotation
DB 1-351	Sluice Valve, dia 80 mm	Nr	2	2,390	7,777	2,126	4,780	15,554	4,252	Rate 2001
	<u>Junction Detail</u>									
DB 1-352	Socket Tee, dia 100 x 100 mm,	Nr	1	3,338	10,860	2,969	3,338	10,860	2,969	quotation
DB 1-353	Flanged Spigot, dia 100 mm, PN10	Nr	2	1,807	5,881	1,608	3,614	11,762	3,216	quotation
DB 1-354	Connection Adaptor (DI/PVC), dia 100 x 110 mm, PN10	Nr	2	5,049	16,424	4,490	10,098	32,848	8,980	quotation
DB 1-355	Collar, dia 100 mm,	Nr	2	3,500	11,386	3,113	7,000	22,772	6,226	quotation
DB 1-356	Sluice Valve, dia 100 mm, PN10	Nr	1	2,825	9,191	2,513	2,825	9,191	2,513	Rate 2001
	<u>Depicted in Drawing No: 40-C-24</u>									
DB 1-357	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	63	2,040	6,637	1,814	128,520	418,131	114,282	quotation
DB 1-358	Double Socket Bend, dia 250 mm x 11 ^{1/4} ⁰	Nr	1	6,045	19,666	5,377	6,045	19,666	5,377	quotation
DB 1-359	Double Socket Bend, dia 250 mm x 22 ^{1/2} ⁰	Nr	2	6,481	21,084	5,764	12,962	42,168	11,528	quotation
DB 1-360	Double Socket Bend, dia 250 mm x 45 ⁰	Nr	1	7,373	23,986	6,558	7,373	23,986	6,558	quotation
Total of page BOQ - 590 to DB 1 Bill Summary							250,354	814,507	222,647	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	<u>For Culvert/Utility Crossing and Depression Point (PN 10)</u>									
DB 1-361	Double Socket I/Tee with Flanged Branch, dia 200 x 80 mm	Nr	1	7,101	23,101	6,316	7,101	23,101	6,316	quotation
DB 1-362	Connection Adaptor, dia 200 mm	Nr	2	9,085	29,555	8,081	18,170	59,110	16,162	quotation
DB 1-363	Collar, dia 200 mm	Nr	1	6,567	21,362	5,840	6,567	21,362	5,840	quotation
	<u>For Wash Out (PN 10)</u>									
DB 1-364	Flanged Spigot, dia 80 mm	Nr	3	1,487	4,840	1,323	4,461	14,520	3,969	quotation
DB 1-365	Connection Adaptor (DI/PVC), dia 80 mm	Nr	1	4,179	13,595	3,717	4,179	13,595	3,717	quotation
DB 1-366	Collar, dia 80 mm	Nr	1	2,818	9,168	2,506	2,818	9,168	2,506	quotation
DB 1-367	Sluice Valve, dia 80 mm	Nr	1	2,390	7,777	2,126	2,390	7,777	2,126	Rate 2001
	<u>Junction Detail</u>									
DB 1-368	Socket Tee, dia 150 x 150 mm,	Nr	1	5,619	18,278	4,997	5,619	18,278	4,997	quotation
DB 1-369	Socket Tee, dia 200 x 150 mm,	Nr	1	7,617	24,778	6,774	7,617	24,778	6,774	quotation
DB 1-370	Socket Tee, dia 250 x 200 mm,	Nr	1	11,128	36,201	9,898	11,128	36,201	9,898	quotation
DB 1-371	Socket Tee, dia 250 x 250 mm,	Nr	1	12,476	40,585	11,096	12,476	40,585	11,096	quotation
DB 1-372	Socket Reducer, dia 150 x 100 mm,	Nr	1	2,780	9,046	2,473	2,780	9,046	2,473	quotation
DB 1-373	Socket Reducer, dia 200 x 150 mm,	Nr	1	4,302	13,995	3,826	4,302	13,995	3,826	quotation
DB 1-374	Socket Reducer, dia 250 x 150 mm,	Nr	1	5,720	18,609	5,088	5,720	18,609	5,088	quotation
DB 1-375	Socket Reducer, dia 250 x 200 mm,	Nr	1	5,888	19,154	5,237	5,888	19,154	5,237	quotation
DB 1-376	Flanged Spigot, dia 100 mm, PN10	Nr	2	1,807	5,881	1,608	3,614	11,762	3,216	quotation
DB 1-377	Flanged Spigot, dia 150 mm, PN10	Nr	3	2,978	9,689	2,649	8,934	29,067	7,947	quotation
DB 1-378	Flanged Spigot, dia 200 mm, PN10	Nr	1	4,216	13,716	3,750	4,216	13,716	3,750	quotation
DB 1-379	Short Plain Pipe(2m), dia 150 mm	Nr	10	8,793	28,603	7,820	87,930	286,030	78,200	quotation
DB 1-380	Short Plain Pipe(2m), dia 200 mm	Nr	4	12,522	40,735	11,138	50,088	162,940	44,552	quotation
DB 1-381	Flanged Adaptor, dia 150 mm, PN10	Nr	3	3,578	11,640	3,182	10,734	34,920	9,546	quotation
DB 1-382	Flanged Adaptor, dia 200 mm, PN10	Nr	1	4,718	15,348	4,196	4,718	15,348	4,196	quotation
DB 1-383	Connection Adaptor (DI/PVC), dia 150 x 160 mm, PN10	Nr	2	6,720	21,860	5,977	13,440	43,720	11,954	quotation
Total of page BOQ - 591 to DB 1 Bill Summary							284,890	926,782	253,386	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-384	Connection Adaptor (DI/PVC), dia 200 x 225 mm, PN10	Nr	2	9,085	29,555	8,081	18,170	59,110	16,162	quotation
DB 1-385	Collar, dia 150 mm,	Nr	4	5,267	17,136	4,685	21,068	68,544	18,740	quotation
DB 1-386	Collar, dia 200 mm,	Nr	1	6,567	21,362	5,840	6,567	21,362	5,840	quotation
DB 1-387	Collar, dia 250 mm,	Nr	2	8,513	27,694	7,572	17,026	55,388	15,144	quotation
DB 1-388	End Cap, dia 150 mm, DI	Nr	1	1,391	4,525	1,237	1,391	4,525	1,237	quotation
DB 1-389	End Cap, dia 200 mm, DI	Nr	2	2,206	7,178	1,962	4,412	14,356	3,924	quotation
DB 1-390	Sluice Valve, dia 100 mm, PN10	Nr	1	2,825	9,191	2,513	2,825	9,191	2,513	Rate 2001
DB 1-391	Sluice Valve, dia 150 mm, PN10	Nr	3	4,564	14,847	4,059	13,692	44,541	12,177	Rate 2001
DB 1-392	Sluice Valve, dia 200 mm, PN10	Nr	1	6,303	20,504	5,606	6,303	20,504	5,606	Rate 2001
	Depicted in Drawing No: 40-C-25									
DB 1-393	Socket & Spigot Pipes, dia 300 mm length 6 m, T Type	m	71	2,590	8,427	2,304	183,890	598,317	163,584	quotation
DB 1-394	Double Socket Bend, dia 300 mm x 11 ^{1/4} ⁰	Nr	1	7,790	25,342	6,929	7,790	25,342	6,929	quotation
	Junction Detail									
DB 1-395	Socket Tee, dia 300 x 200 mm,	Nr	1	12,749	41,474	11,340	12,749	41,474	11,340	quotation
DB 1-396	Socket Tee, dia 300 x 300 mm,	Nr	1	15,888	51,683	14,131	15,888	51,683	14,131	quotation
DB 1-397	Socket Reducer, dia 300 x 200 mm,	Nr	2	7,678	24,977	6,829	15,356	49,954	13,658	quotation
DB 1-398	Flanged Spigot, dia 200 mm, PN10	Nr	3	4,216	13,716	3,750	12,648	41,148	11,250	quotation
DB 1-399	Short Plain Pipe(2m), dia 200 mm	Nr	4	12,522	40,735	11,138	50,088	162,940	44,552	quotation
DB 1-400	Flanged Adaptor, dia 200 mm, PN10	Nr	3	4,718	15,348	4,196	14,154	46,044	12,588	quotation
DB 1-401	Connection Adaptor (DI/PVC), dia 200 x 225 mm, PN10	Nr	3	9,085	29,555	8,081	27,255	88,665	24,243	quotation
DB 1-402	Collar, dia 300 mm,	Nr	2	11,593	37,711	10,311	23,186	75,422	20,622	quotation
DB 1-403	Sluice Valve, dia 200 mm, PN10	Nr	3	6,303	20,504	5,606	18,909	61,512	16,818	Rate 2001
	Depicted in Drawing No: 40-C-27									
DB 1-404	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	139	2,040	6,637	1,814	283,560	922,543	252,146	quotation
DB 1-405	Double Socket Bend, dia 250 mm x 11 ^{1/4} ⁰	Nr	5	6,045	19,666	5,377	30,225	98,330	26,885	quotation
DB 1-406	Double Socket Bend, dia 250 mm x 22 ^{1/2} ⁰	Nr	1	6,481	21,084	5,764	6,481	21,084	5,764	quotation
Total of page BOQ - 592 to DB 1 Bill Summary							793,633	2,581,979	705,853	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-407	Double Socket Bend, dia 250 mm x 45 ⁰ Junction Detail	Nr	1	7,373	23,986	6,558	7,373	23,986	6,558	quotation
DB 1-408	Socket Tee, dia 200 x 200 mm,	Nr	1	8,888	28,914	7,905	8,888	28,914	7,905	quotation
DB 1-409	Socket Tee, dia 250 x 250 mm,	Nr	1	12,476	40,585	11,096	12,476	40,585	11,096	quotation
DB 1-410	Socket Reducer, dia 200 x 150 mm,	Nr	2	4,302	13,995	3,826	8,604	27,990	7,652	quotation
DB 1-411	Socket Reducer, dia 250 x 150 mm,	Nr	1	5,720	18,609	5,088	5,720	18,609	5,088	quotation
DB 1-412	Socket Reducer, dia 250 x 200 mm,	Nr	1	5,888	19,154	5,237	5,888	19,154	5,237	quotation
DB 1-413	Flanged Spigot, dia 150 mm, PN10	Nr	3	2,978	9,689	2,649	8,934	29,067	7,947	quotation
DB 1-414	Flanged Spigot, dia 200 mm, PN10	Nr	1	4,216	13,716	3,750	4,216	13,716	3,750	quotation
DB 1-415	Short Plain Pipe(2m), dia 150 mm	Nr	6	8,793	28,603	7,820	52,758	171,618	46,920	quotation
DB 1-416	Short Plain Pipe(2m), dia 200 mm	Nr	5	12,522	40,735	11,138	62,610	203,675	55,690	quotation
DB 1-417	Flanged Adaptor, dia 150 mm, PN10	Nr	3	3,578	11,640	3,182	10,734	34,920	9,546	quotation
DB 1-418	Flanged Adaptor, dia 200 mm, PN10	Nr	1	4,718	15,348	4,196	4,718	15,348	4,196	quotation
DB 1-419	Connection Adaptor (DI/PVC), dia 150 x 160 mm, PN10	Nr	3	6,720	21,860	5,977	20,160	65,580	17,931	quotation
DB 1-420	Connection Adaptor (DI/PVC), dia 200 x 225 mm, PN10	Nr	2	9,085	29,555	8,081	18,170	59,110	16,162	quotation
DB 1-421	Collar, dia 150 mm,	Nr	3	5,267	17,136	4,685	15,801	51,408	14,055	quotation
DB 1-422	Collar, dia 200 mm,	Nr	2	6,567	21,362	5,840	13,134	42,724	11,680	quotation
DB 1-423	Collar, dia 250 mm,	Nr	2	8,513	27,694	7,572	17,026	55,388	15,144	quotation
DB 1-424	Sluice Valve, dia 150 mm, PN10	Nr	3	4,564	14,847	4,059	13,692	44,541	12,177	Rate 2001
DB 1-425	Sluice Valve, dia 200 mm, PN10	Nr	1	6,303	20,504	5,606	6,303	20,504	5,606	Rate 2001
	Depicted in Drawing No: 40-C-35									
DB 1-426	Socket & Spigot Pipes, dia 200 mm length 6 m, T Type	m	40	1,538	5,004	1,368	61,520	200,160	54,720	quotation
DB 1-427	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	219	2,040	6,637	1,814	446,760	1,453,503	397,266	quotation
DB 1-428	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ ⁰	Nr	10	6,045	19,666	5,377	60,450	196,660	53,770	quotation
DB 1-429	Double Socket Bend, dia 200 mm x 22 ¹ / ₂ ⁰	Nr	4	4,965	16,153	4,416	19,860	64,612	17,664	quotation
DB 1-430	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ ⁰	Nr	3	6,481	21,084	5,764	19,443	63,252	17,292	quotation
Total of page BOQ - 593 to DB 1 Bill Summary							905,238	2,945,024	805,052	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-431	Double Socket Bend, dia 200 mm x 45 ⁰	Nr	1	5,522	17,965	4,912	5,522	17,965	4,912	quotation
DB 1-432	Double Socket Bend, dia 250 mm x 45 ⁰	Nr	2	7,373	23,986	6,558	14,746	47,972	13,116	quotation
	<u>For Culvert/Utility Crossing and Depression Point (PN 10)</u>									
DB 1-433	Double Socket I/Tee with Flanged Branch, dia 250 x 80 mm	Nr	1	8,850	28,790	7,871	8,850	28,790	7,871	quotation
DB 1-434	Collar, dia 250 mm	Nr	1	8,513	27,694	7,572	8,513	27,694	7,572	quotation
	<u>For Wash Out (PN 10)</u>									
DB 1-435	Flanged Spigot, dia 80 mm	Nr	3	1,487	4,840	1,323	4,461	14,520	3,969	quotation
DB 1-436	Connection Adaptor (DI/PVC), dia 80 mm	Nr	1	4,179	13,595	3,717	4,179	13,595	3,717	quotation
DB 1-437	Collar, dia 80 mm	Nr	1	2,818	9,168	2,506	2,818	9,168	2,506	quotation
DB 1-438	Sluice Valve, dia 80 mm	Nr	1	2,390	7,777	2,126	2,390	7,777	2,126	Rate 2001
	<u>Junction Detail</u>									
DB 1-439	Socket Tee, dia 200 x 150 mm,	Nr	1	7,617	24,778	6,774	7,617	24,778	6,774	quotation
DB 1-440	Socket Tee, dia 250 x 250 mm,	Nr	1	12,476	40,585	11,096	12,476	40,585	11,096	quotation
DB 1-441	Socket Reducer, dia 150 x 100 mm,	Nr	1	2,780	9,046	2,473	2,780	9,046	2,473	quotation
DB 1-442	Socket Reducer, dia 200 x 150 mm,	Nr	1	4,302	13,995	3,826	4,302	13,995	3,826	quotation
DB 1-443	Socket Reducer, dia 250 x 150 mm,	Nr	1	5,720	18,609	5,088	5,720	18,609	5,088	quotation
DB 1-444	Socket Reducer, dia 250 x 200 mm,	Nr	1	5,888	19,154	5,237	5,888	19,154	5,237	quotation
DB 1-445	Flanged Spigot, dia 100 mm, PN10	Nr	2	1,807	5,881	1,608	3,614	11,762	3,216	quotation
DB 1-446	Flanged Spigot, dia 150 mm, PN10	Nr	2	2,978	9,689	2,649	5,956	19,378	5,298	quotation
DB 1-447	Flanged Spigot, dia 200 mm, PN10	Nr	1	4,216	13,716	3,750	4,216	13,716	3,750	quotation
DB 1-448	Short Plain Pipe(2m), dia 100 mm	Nr	1	5,514	17,938	4,904	5,514	17,938	4,904	quotation
DB 1-449	Short Plain Pipe(2m), dia 150 mm	Nr	3	8,793	28,603	7,820	26,379	85,809	23,460	quotation
DB 1-450	Flanged Adaptor, dia 150 mm, PN10	Nr	2	3,578	11,640	3,182	7,156	23,280	6,364	quotation
DB 1-451	Flanged Adaptor, dia 200 mm, PN10	Nr	1	4,718	15,348	4,196	4,718	15,348	4,196	quotation
DB 1-452	Collar, dia 100 mm,	Nr	1	3,500	11,386	3,113	3,500	11,386	3,113	quotation
DB 1-453	Collar, dia 200 mm,	Nr	2	6,567	21,362	5,840	13,134	42,724	11,680	quotation
Total of page BOQ - 594 to DB 1 Bill Summary							164,449	534,989	146,264	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-454	Collar, dia 250 mm,	Nr	1	8,513	27,694	7,572	8,513	27,694	7,572	quotation
DB 1-455	End Cap, dia 150 mm, DI	Nr	2	1,391	4,525	1,237	2,782	9,050	2,474	quotation
DB 1-456	Sluice Valve, dia 100 mm, PN10	Nr	1	2,825	9,191	2,513	2,825	9,191	2,513	Rate 2001
DB 1-457	Sluice Valve, dia 150 mm, PN10	Nr	2	4,564	14,847	4,059	9,128	29,694	8,118	Rate 2001
DB 1-458	Sluice Valve, dia 200 mm, PN10	Nr	1	6,303	20,504	5,606	6,303	20,504	5,606	Rate 2001
	Depicted in Drawing No: 40-C-37									
DB 1-459	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	119	2,040	6,637	1,814	242,760	789,803	215,866	quotation
DB 1-460	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ ⁰	Nr	3	6,045	19,666	5,377	18,135	58,998	16,131	quotation
DB 1-461	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ ⁰	Nr	2	6,481	21,084	5,764	12,962	42,168	11,528	quotation
DB 1-462	Double Socket Bend, dia 250 mm x 90 ⁰	Nr	1	8,999	29,275	8,004	8,999	29,275	8,004	quotation
	For Valve Points (PN 10)									
DB 1-463	Flanged Spigot, dia 250mm	Nr	1	5,868	19,090	5,219	5,868	19,090	5,219	quotation
DB 1-464	Flanged Adaptor, dia 250mm	Nr	1	6,297	20,484	5,600	6,297	20,484	5,600	quotation
DB 1-465	Collar, dia 250mm	Nr	2	8,513	27,694	7,572	17,026	55,388	15,144	quotation
DB 1-466	Sluice Valve, dia 250mm	Nr	1	6,868	22,342	6,108	6,868	22,342	6,108	Rate 2001
	Depicted in Drawing No: 40-C-38									
DB 1-467	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	187	2,040	6,637	1,814	381,480	1,241,119	339,218	quotation
DB 1-468	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ ⁰	Nr	8	6,045	19,666	5,377	48,360	157,328	43,016	quotation
DB 1-469	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ ⁰	Nr	4	6,481	21,084	5,764	25,924	84,336	23,056	quotation
DB 1-470	Double Socket Bend, dia 250 mm x 45 ⁰	Nr	3	7,373	23,986	6,558	22,119	71,958	19,674	quotation
DB 1-471	End Cap dia 250 mm (PN 10)	Nr	1	3,207	10,435	2,853	3,207	10,435	2,853	quotation
	For Valve Points (PN 10)									
DB 1-472	Flanged Spigot, dia 250mm	Nr	1	5,868	19,090	5,219	5,868	19,090	5,219	quotation
DB 1-473	Flanged Adaptor, dia 250mm	Nr	1	6,297	20,484	5,600	6,297	20,484	5,600	quotation
DB 1-474	Collar, dia 250mm	Nr	2	8,513	27,694	7,572	17,026	55,388	15,144	quotation
DB 1-475	Sluice Valve, dia 250mm	Nr	1	6,868	22,342	6,108	6,868	22,342	6,108	Rate 2001
Total of page BOQ - 595 to DB 1 Bill Summary							865,615	2,816,161	769,771	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
	Depicted in Drawing No: 40-C-39									
DB 1-476	Socket & Spigot Pipes, dia 450 mm length 6 m, T Type	m	1205	4,765	15,502	4,238	5,741,825	18,679,910	5,106,790	quotation
DB 1-477	Socket & Spigot Pipes, dia 500 mm length 6 m, T Type	m	681	5,561	18,090	4,946	3,787,041	12,319,290	3,368,226	quotation
DB 1-478	Double Socket Bend, dia 450 mm x 11 ¹ / ₄ ⁰	Nr	20	15,673	50,985	13,940	313,460	1,019,700	278,800	quotation
DB 1-479	Double Socket Bend, dia 500 mm x 11 ¹ / ₄ ⁰	Nr	12	18,307	59,552	16,283	219,684	714,624	195,396	quotation
DB 1-480	Double Socket Bend, dia 450 mm x 22 ¹ / ₂ ⁰	Nr	8	17,671	57,483	15,717	141,368	459,864	125,736	quotation
DB 1-481	Double Socket Bend, dia 500 mm x 22 ¹ / ₂ ⁰	Nr	24	20,838	67,784	18,533	500,112	1,626,816	444,792	quotation
DB 1-482	Double Socket Bend, dia 450 mm x 45 ⁰	Nr	1	21,286	69,242	18,932	21,286	69,242	18,932	quotation
DB 1-483	Double Socket Bend, dia 500 mm x 45 ⁰	Nr	1	25,468	82,847	22,652	25,468	82,847	22,652	quotation
DB 1-484	Double Socket Bend, dia 500 mm x 90 ⁰	Nr	1	33,979	110,531	30,222	33,979	110,531	30,222	quotation
DB 1-485	End Cap dia 450 mm (PN 10)	Nr	1	10,913	35,500	9,706	10,913	35,500	9,706	quotation
	For Valve Points (PN 10)									
DB 1-486	Flanged Spigot, dia 450mm	Nr	1	15,200	49,447	13,520	15,200	49,447	13,520	quotation
DB 1-487	Flanged Adaptor, dia 450mm	Nr	1	14,927	48,557	13,276	14,927	48,557	13,276	quotation
DB 1-488	Collar, dia 450mm	Nr	2	20,630	67,109	18,349	41,260	134,218	36,698	quotation
DB 1-489	Butterfly Valve, dia 450mm	Nr	1	53,073	172,642	47,204	53,073	172,642	47,204	Rate 2001
	For Air Valve Points (PN 10)									
DB 1-490	Double Socket Tee with Flanged Branch, dia 450 x 100 mm	Nr	3	18,399	59,852	16,365	55,197	179,556	49,095	quotation
DB 1-491	Double Socket Tee with Flanged Branch, dia 500 x 100 mm	Nr	2	21,130	68,734	18,793	42,260	137,468	37,586	quotation
DB 1-492	Collar, dia 450 mm	Nr	6	20,630	67,109	18,349	123,780	402,654	110,094	quotation
DB 1-493	Collar, dia 500 mm	Nr	4	23,500	76,443	20,901	94,000	305,772	83,604	quotation
DB 1-494	Double Orifice Air Valve, dia 100 mm	Nr	5	101,446	329,995	90,229	507,230	1,649,975	451,145	quotation
DB 1-495	Ball Valve, dia 100 mm	Nr	5	5,898	19,187	5,246	29,490	95,935	26,230	Rate 2001
	For Culvert/Utility Crossing and Depression Point (PN 10)									
DB 1-496	Double Socket I/Tee with Flanged Branch, dia 450 x 100 mm	Nr	3	20,998	68,307	18,676	62,994	204,921	56,028	quotation
DB 1-497	Double Socket I/Tee with Flanged Branch, dia 500 x 100 mm	Nr	2	24,280	78,981	21,595	48,560	157,962	43,190	quotation
Total of page BOQ - 596 to DB 1 Bill Summary							11,883,107	38,657,431	10,568,922	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-498	Collar, dia 450 mm	Nr	3	20,630	67,109	18,349	61,890	201,327	55,047	quotation
DB 1-499	Collar, dia 500 mm	Nr	2	23,500	76,443	20,901	47,000	152,886	41,802	quotation
	For Wash Out (PN 10)									
DB 1-500	Flanged Spigot, dia 80 mm	Nr	15	1,487	4,840	1,323	22,305	72,600	19,845	quotation
DB 1-501	Connection Adaptor (DI/PVC), dia 80 mm	Nr	5	4,179	13,595	3,717	20,895	67,975	18,585	quotation
DB 1-502	Collar, dia 80 mm	Nr	5	2,818	9,168	2,506	14,090	45,840	12,530	quotation
DB 1-503	Sluice Valve, dia 80 mm	Nr	5	2,390	7,777	2,126	11,950	38,885	10,630	Rate 2001
	Junction Detail									
DB 1-504	Socket Tee, dia 450 x 400 mm,	Nr	1	31,484	102,416	28,003	31,484	102,416	28,003	quotation
DB 1-505	Socket Tee, dia 500 x 500 mm,	Nr	1	40,951	133,209	36,422	40,951	133,209	36,422	quotation
DB 1-506	Socket Reducer, dia 500 x 450 mm,	Nr	1	16,937	55,096	15,064	16,937	55,096	15,064	quotation
DB 1-507	Flanged Spigot, dia 400 mm, PN10	Nr	1	12,225	39,769	10,873	12,225	39,769	10,873	quotation
DB 1-508	Flanged Spigot, dia 450 mm, PN10	Nr	1	15,200	49,447	13,520	15,200	49,447	13,520	quotation
DB 1-509	Flanged Spigot, dia 500 mm, PN10	Nr	2	18,177	59,128	16,167	36,354	118,256	32,334	quotation
DB 1-510	Short Plain Pipe(2m), dia 400 mm	Nr	1	31,844	103,588	28,323	31,844	103,588	28,323	quotation
DB 1-511	Flanged Adaptor, dia 400 mm, PN10	Nr	1	12,576	40,910	11,185	12,576	40,910	11,185	quotation
DB 1-512	Flanged Adaptor, dia 450 mm, PN10	Nr	1	14,927	48,557	13,276	14,927	48,557	13,276	quotation
DB 1-513	Flanged Adaptor, dia 500 mm, PN10	Nr	2	18,055	58,734	16,059	36,110	117,468	32,118	quotation
DB 1-514	Collar, dia 400 mm,	Nr	3	17,657	57,437	15,704	52,971	172,311	47,112	quotation
DB 1-515	Collar, dia 450 mm,	Nr	4	20,630	67,109	18,349	82,520	268,436	73,396	quotation
DB 1-516	Collar, dia 500 mm,	Nr	2	23,500	76,443	20,901	47,000	152,886	41,802	quotation
DB 1-517	End Cap, dia 500 mm, DI	Nr	1	14,894	48,451	13,247	14,894	48,451	13,247	quotation
DB 1-518	Butterfly Valve, dia 400 mm	Nr	1	33,315	108,373	29,631	33,315	108,373	29,631	Rate 2001
DB 1-519	Butterfly Valve, dia 450 mm	Nr	2	53,073	172,642	47,204	106,146	345,284	94,408	Rate 2001
DB 1-520	Butterfly Valve, dia 500 mm	Nr	1	53,155	172,908	47,277	53,155	172,908	47,277	Rate 2001
	Depicted in Drawing No: 40-C-40									
Total of page BOQ - 597 to DB 1 Bill Summary							816,739	2,656,878	726,430	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-521	Socket & Spigot Pipes, dia 400 mm length 6 m, T Type	m	329	3,995	12,996	3,553	1,314,355	4,275,684	1,168,937	quotation
DB 1-522	Double Socket Bend, dia 400 mm x 11 ¹ / ₄ ⁰	Nr	4	13,284	43,213	11,815	53,136	172,852	47,260	quotation
DB 1-523	Double Socket Bend, dia 400 mm x 22 ¹ / ₂ ⁰	Nr	5	14,768	48,040	13,135	73,840	240,200	65,675	quotation
DB 1-524	Double Socket Bend, dia 400 mm x 45 ⁰	Nr	1	17,312	56,315	15,397	17,312	56,315	15,397	quotation
DB 1-525	End Cap dia 400 mm (PN 10)	Nr	1	10,913	35,500	9,706	10,913	35,500	9,706	quotation
	For Valve Points (PN 10)									
DB 1-526	Flanged Spigot, dia 400mm	Nr	1	12,225	39,769	10,873	12,225	39,769	10,873	quotation
DB 1-527	Flanged Adaptor, dia 400mm	Nr	1	12,576	40,910	11,185	12,576	40,910	11,185	quotation
DB 1-528	Collar, dia 400mm	Nr	2	11,816	38,437	10,509	23,632	76,874	21,018	quotation
DB 1-529	Butterfly Valve, dia 400mm	Nr	1	33,315	108,373	29,631	33,315	108,373	29,631	Rate 2001
	Depicted in Drawing No: 40-C-41									
DB 1-530	Socket & Spigot Pipes, dia 250 mm length 6 m, T Type	m	279	2,040	6,637	1,814	569,160	1,851,723	506,106	quotation
DB 1-531	Double Socket Bend, dia 250 mm x 11 ¹ / ₄ ⁰	Nr	10	6,045	19,666	5,377	60,450	196,660	53,770	quotation
DB 1-532	Double Socket Bend, dia 250 mm x 22 ¹ / ₂ ⁰	Nr	5	6,481	21,084	5,764	32,405	105,420	28,820	quotation
DB 1-533	Double Socket Bend, dia 250 mm x 45 ⁰	Nr	6	7,373	23,986	6,558	44,238	143,916	39,348	quotation
DB 1-534	End Cap dia 250 mm (PN 10)	Nr	1	3,207	10,435	2,853	3,207	10,435	2,853	quotation
	For Valve Points (PN 10)									
DB 1-535	Flanged Spigot, dia 250mm	Nr	1	5,868	19,090	5,219	5,868	19,090	5,219	quotation
DB 1-536	Flanged Adaptor, dia 250mm	Nr	1	6,297	20,484	5,600	6,297	20,484	5,600	quotation
DB 1-537	Collar, dia 250mm	Nr	2	8,513	27,694	7,572	17,026	55,388	15,144	quotation
DB 1-538	Sluice Valve, dia 250mm	Nr	1	6,868	22,342	6,108	6,868	22,342	6,108	Rate 2001
	Junction Detail									
DB 1-539	Socket Tee, dia 250 x 250 mm,	Nr	1	12,476	40,585	11,096	12,476	40,585	11,096	quotation
DB 1-540	Flanged Spigot, dia 250 mm, PN10	Nr	2	5,868	19,090	5,219	11,736	38,180	10,438	quotation
DB 1-541	Flanged Adaptor, dia 250 mm, PN10	Nr	2	6,297	20,484	5,600	12,594	40,968	11,200	quotation
DB 1-542	Collar, dia 250 mm,	Nr	2	8,513	27,694	7,572	17,026	55,388	15,144	quotation
Total of page BOQ - 598 to DB 1 Bill Summary							2,350,655	7,647,056	2,090,528	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-543	End Cap, dia 250 mm	Nr	1	3,207	10,435	2,853	3,207	10,435	2,853	quotation
DB 1-544	Sluice Valve, dia 250 mm, PN10 Depicted in Other Drawings (No: 40-C-02~11, 13, 14, 19, 21, 26, 28~34, 36)	Nr	2	6,868	22,342	6,108	13,736	44,684	12,216	Rate 2001
DB 1-545	Conection Adaptor, dia 80 mm (PN 10)	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1-546	Conection Adaptor, dia 100 mm (PN 10)	Nr	4	5,049	16,424	4,490	20,196	65,696	17,960	quotation
DB 1-547	Conection Adaptor, dia 150 mm (PN 10)	Nr	2	6,720	21,860	5,977	13,440	43,720	11,954	quotation
DB 1-548	End Cap dia 80 mm (PN 10)	Nr	2	636	2,071	566	1,272	4,142	1,132	quotation
DB 1-549	End Cap dia 100 mm (PN 10)	Nr	4	795	2,589	707	3,180	10,356	2,828	quotation
DB 1-550	End Cap dia 150 mm (PN 10) For Air Valve Points (PN 10)	Nr	3	1,391	4,525	1,237	4,173	13,575	3,711	quotation
DB 1-551	Double Socket Tee with Flanged Branch, dia 80 x 80 mm	Nr	1	2,775	9,028	2,468	2,775	9,028	2,468	quotation
DB 1-552	Double Socket Tee with Flanged Branch, dia 100 x 80 mm	Nr	5	3,311	10,773	2,945	16,555	53,865	14,725	quotation
DB 1-553	Double Socket Tee with Flanged Branch, dia 150 x 80 mm	Nr	11	4,696	15,278	4,177	51,656	168,058	45,947	quotation
DB 1-554	Double Socket Tee with Flanged Branch, dia 200 x 80 mm	Nr	5	6,615	21,519	5,883	33,075	107,595	29,415	quotation
DB 1-555	Conection Adaptor, dia 80 mm	Nr	2	4,179	13,595	3,717	8,358	27,190	7,434	quotation
DB 1-556	Conection Adaptor, dia 100 mm	Nr	10	5,049	16,424	4,490	50,490	164,240	44,900	quotation
DB 1-557	Conection Adaptor, dia 150 mm	Nr	22	6,720	21,860	5,977	147,840	480,920	131,494	quotation
DB 1-558	Conection Adaptor, dia 200 mm	Nr	10	9,085	29,555	8,081	90,850	295,550	80,810	quotation
DB 1-559	Collar, dia 80 mm	Nr	3	2,818	9,168	2,506	8,454	27,504	7,518	quotation
DB 1-560	Collar, dia 100 mm	Nr	5	3,500	11,386	3,113	17,500	56,930	15,565	quotation
DB 1-561	Collar, dia 150 mm	Nr	9	5,267	17,136	4,685	47,403	154,224	42,165	quotation
DB 1-562	Collar, dia 200 mm	Nr	5	6,567	21,362	5,840	32,835	106,810	29,200	quotation
DB 1-563	Single Orifice Air Valve, dia 80 mm	Nr	22	4,781	15,555	4,253	105,182	342,210	93,566	Rate 2001
DB 1-564	Ball Valve, dia 80 mm For Culvert/Utility Crossing and Depression Point (PN 10)	Nr	22	4,163	13,544	3,703	91,586	297,968	81,466	Rate 2001
Total of page BOQ - 599 to DB 1 Bill Summary							772,121	2,511,890	686,761	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-565	Double Socket I/Tee with Flanged Branch, dia 80 x 80 mm	Nr	7	2,775	9,028	2,468	19,425	63,196	17,276	quotation
DB 1-566	Double Socket I/Tee with Flanged Branch, dia 100 x 80 mm	Nr	9	3,311	10,773	2,945	29,799	96,957	26,505	quotation
DB 1-567	Double Socket I/Tee with Flanged Branch, dia 150 x 80 mm	Nr	16	4,696	15,278	4,177	75,136	244,448	66,832	quotation
DB 1-568	Double Socket I/Tee with Flanged Branch, dia 200 x 80 mm	Nr	10	7,101	23,101	6,316	71,010	231,010	63,160	quotation
DB 1-569	Connection Adaptor, dia 80 mm	Nr	8	4,179	13,595	3,717	33,432	108,760	29,736	quotation
DB 1-570	Connection Adaptor, dia 100 mm	Nr	14	5,049	16,424	4,490	70,686	229,936	62,860	quotation
DB 1-571	Connection Adaptor, dia 150 mm	Nr	26	6,720	21,860	5,977	174,720	568,360	155,402	quotation
DB 1-572	Connection Adaptor, dia 200 mm	Nr	14	9,085	29,555	8,081	127,190	413,770	113,134	quotation
DB 1-573	Collar, dia 80 mm	Nr	5	2,818	9,168	2,506	14,090	45,840	12,530	quotation
DB 1-574	Collar, dia 100 mm	Nr	8	3,500	11,386	3,113	28,000	91,088	24,904	quotation
DB 1-575	Collar, dia 150 mm	Nr	16	5,267	17,136	4,685	84,272	274,176	74,960	quotation
DB 1-576	Collar, dia 200 mm	Nr	10	6,567	21,362	5,840	65,670	213,620	58,400	quotation
	<u>For Wash Out (PN 10)</u>									
DB 1-577	Double Socket Bend, dia 80 mm x 45°	Nr	6	1,498	4,876	1,333	8,988	29,256	7,998	quotation
DB 1-578	Flanged Spigot, dia 80 mm	Nr	114	1,487	4,840	1,323	169,518	551,760	150,822	quotation
DB 1-579	Connection Adaptor (DI/PVC), dia 80 mm	Nr	38	4,179	13,595	3,717	158,802	516,610	141,246	quotation
DB 1-580	Collar, dia 80 mm	Nr	38	2,818	9,168	2,506	107,084	348,384	95,228	quotation
DB 1-581	Sluice Valve, dia 80 mm	Nr	38	2,390	7,777	2,126	90,820	295,526	80,788	Rate 2001
	<u>For Valve Points (PN 10)</u>									
DB 1-582	Flanged Spigot, dia 80 mm	Nr	2	1,487	4,840	1,323	2,974	9,680	2,646	quotation
DB 1-583	Flanged Spigot, dia 100 mm	Nr	4	1,807	5,881	1,608	7,228	23,524	6,432	quotation
DB 1-584	Flanged Spigot, dia 150mm	Nr	3	2,978	9,689	2,649	8,934	29,067	7,947	quotation
DB 1-585	Flanged Adaptor, dia 80 mm	Nr	2	2,354	7,658	2,093	4,708	15,316	4,186	quotation
DB 1-586	Flanged Adaptor, dia 100 mm	Nr	4	2,669	8,682	2,373	10,676	34,728	9,492	quotation
DB 1-587	Flanged Adaptor, dia 150mm	Nr	3	3,578	11,640	3,182	10,734	34,920	9,546	quotation
DB 1-588	Connection Adaptor (DI/PVC), dia 150mm	Nr	2	6,720	21,860	5,977	13,440	43,720	11,954	quotation
Total of page BOQ - 600 to DB 1 Bill Summary							1,387,336	4,513,652	1,233,984	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-589	Collar, dia 80 mm	Nr	4	2,818	9,168	2,506	11,272	36,672	10,024	quotation
DB 1-590	Collar, dia 100 mm	Nr	8	3,500	11,386	3,113	28,000	91,088	24,904	quotation
DB 1-591	Collar, dia 150 mm	Nr	6	5,267	17,136	4,685	31,602	102,816	28,110	quotation
DB 1-592	Sluice Valve, dia 80 mm	Nr	2	2,390	7,777	2,126	4,780	15,554	4,252	Rate 2001
DB 1-593	Sluice Valve, dia 100 mm	Nr	4	2,825	9,191	2,513	11,300	36,764	10,052	Rate 2001
DB 1-594	Sluice Valve, dia 150mm	Nr	3	4,564	14,847	4,059	13,692	44,541	12,177	Rate 2001
	Junction Detail									
DB 1-595	Socket Tee, dia 80 x 80 mm,	Nr	2	2,504	8,147	2,227	5,008	16,294	4,454	quotation
DB 1-596	Socket Tee, dia 100 x 80 mm,	Nr	3	3,056	9,942	2,718	9,168	29,826	8,154	quotation
DB 1-597	Socket Tee, dia 100 x 100 mm,	Nr	2	3,338	10,860	2,969	6,676	21,720	5,938	quotation
DB 1-598	Socket Tee, dia 150 x 80 mm,	Nr	2	4,408	14,339	3,920	8,816	28,678	7,840	quotation
DB 1-599	Socket Tee, dia150 x 100 mm,	Nr	1	4,773	15,527	4,245	4,773	15,527	4,245	quotation
DB 1-600	Socket Tee, dia 150 x 150 mm,	Nr	7	5,619	18,278	4,997	39,333	127,946	34,979	quotation
DB 1-601	Socket Tee, dia 200 x 80 mm,	Nr	1	6,245	20,316	5,554	6,245	20,316	5,554	quotation
DB 1-602	Socket Tee, dia 200 x 150 mm,	Nr	1	7,617	24,778	6,774	7,617	24,778	6,774	quotation
DB 1-603	Socket Tee, dia 200 x 200 mm,	Nr	8	8,888	28,914	7,905	71,104	231,312	63,240	quotation
DB 1-604	Socket Tee, dia 250 x 250 mm,	Nr	1	12,476	40,585	11,096	12,476	40,585	11,096	quotation
DB 1-605	Socket Reducer, dia 150 x 80 mm,	Nr	8	2,671	8,690	2,376	21,368	69,520	19,008	quotation
DB 1-606	Socket Reducer, dia 150 x 100 mm,	Nr	3	2,780	9,046	2,473	8,340	27,138	7,419	quotation
DB 1-607	Socket Reducer, dia 200 x 100 mm,	Nr	3	4,163	13,544	3,703	12,489	40,632	11,109	quotation
DB 1-608	Socket Reducer, dia 200 x 150 mm,	Nr	11	4,302	13,995	3,826	47,322	153,945	42,086	quotation
DB 1-609	Socket Reducer, dia 250 x 200 mm,	Nr	2	5,888	19,154	5,237	11,776	38,308	10,474	quotation
DB 1-610	Double Socket Bend, dia 80 mm x 45°	Nr	1	1,498	4,876	1,333	1,498	4,876	1,333	quotation
DB 1-611	Double Socket Bend, dia 150 mm x 45°	Nr	1	3,410	11,094	3,033	3,410	11,094	3,033	quotation
DB 1-612	Double Socket Bend, dia 80 mm x 90°	Nr	1	1,643	5,345	1,461	1,643	5,345	1,461	quotation
DB 1-613	Double Socket Bend, dia 150 mm x 90°	Nr	1	3,925	12,768	3,491	3,925	12,768	3,491	quotation
Total of page BOQ - 601 to DB 1 Bill Summary							383,633	1,248,043	341,207	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-614	Flanged Spigot, dia 80 mm, PN10	Nr	34	1,487	4,840	1,323	50,558	164,560	44,982	quotation
DB 1-615	Flanged Spigot, dia 100 mm, PN10	Nr	21	1,807	5,881	1,608	37,947	123,501	33,768	quotation
DB 1-616	Flanged Spigot, dia 150 mm, PN10	Nr	18	2,978	9,689	2,649	53,604	174,402	47,682	quotation
DB 1-617	Flanged Spigot, dia 200 mm, PN10	Nr	6	4,216	13,716	3,750	25,296	82,296	22,500	quotation
DB 1-618	Short Plain Pipe(2m), dia 80 mm	Nr	22	4,423	14,389	3,934	97,306	316,558	86,548	quotation
DB 1-619	Short Plain Pipe(2m), dia 100 mm	Nr	18	5,514	17,938	4,904	99,252	322,884	88,272	quotation
DB 1-620	Short Plain Pipe(2m), dia 150 mm	Nr	70	8,793	28,603	7,820	615,510	2,002,210	547,400	quotation
DB 1-621	Short Plain Pipe(2m), dia 200 mm	Nr	48	12,522	40,735	11,138	601,056	1,955,280	534,624	quotation
DB 1-622	Short Plain Pipe(2m), dia 250 mm	Nr	3	16,664	54,209	14,822	49,992	162,627	44,466	quotation
DB 1-623	Flanged Adaptor, dia 100 mm, PN10	Nr	1	2,669	8,682	2,373	2,669	8,682	2,373	quotation
DB 1-624	Flanged Adaptor, dia 150 mm, PN10	Nr	18	3,578	11,640	3,182	64,404	209,520	57,276	quotation
DB 1-625	Flanged Adaptor, dia 200 mm, PN10	Nr	6	4,718	15,348	4,196	28,308	92,088	25,176	quotation
DB 1-626	Connection Adaptor (DI/PVC), dia 80 x 90 mm, PN10	Nr	14	4,179	13,595	3,717	58,506	190,330	52,038	quotation
DB 1-627	Connection Adaptor (DI/PVC), dia 100 x 110 mm, PN10	Nr	19	5,049	16,424	4,490	95,931	312,056	85,310	quotation
DB 1-628	Connection Adaptor (DI/PVC), dia 150 x 160 mm, PN10	Nr	21	6,720	21,860	5,977	141,120	459,060	125,517	quotation
DB 1-629	Connection Adaptor (DI/PVC), dia 200 x 225 mm, PN10	Nr	18	9,085	29,555	8,081	163,530	531,990	145,458	quotation
DB 1-630	Collar, dia 80 mm,	Nr	17	2,818	9,168	2,506	47,906	155,856	42,602	quotation
DB 1-631	Collar, dia 100 mm,	Nr	8	3,500	11,386	3,113	28,000	91,088	24,904	quotation
DB 1-632	Collar, dia 150 mm,	Nr	27	5,267	17,136	4,685	142,209	462,672	126,495	quotation
DB 1-633	Collar, dia 200 mm,	Nr	23	6,567	21,362	5,840	151,041	491,326	134,320	quotation
DB 1-634	Collar, dia 250 mm,	Nr	2	8,513	27,694	7,572	17,026	55,388	15,144	quotation
DB 1-635	End Cap, dia 80 mm	Nr	6	636	2,071	566	3,816	12,426	3,396	quotation
DB 1-636	End Cap, dia 150 mm	Nr	4	1,391	4,525	1,237	5,564	18,100	4,948	quotation
DB 1-637	Sluice Valve, dia 80 mm, PN10	Nr	17	2,390	7,777	2,126	40,630	132,209	36,142	Rate 2001
DB 1-638	Sluice Valve, dia 100 mm, PN10	Nr	11	2,825	9,191	2,513	31,075	101,101	27,643	Rate 2001
DB 1-639	Sluice Valve, dia 150 mm, PN10	Nr	18	4,564	14,847	4,059	82,152	267,246	73,062	Rate 2001
Total of page BOQ - 602 to DB 1 Bill Summary							2,734,408	8,895,456	2,432,046	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 1: Supply of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	
DB 1-640	Sluice Valve, dia 200 mm, PN10 For Pipe Bridge Across River (PN 10)	Nr	6	6,303	20,504	5,606	37,818	123,024	33,636	Rate 2001
DB 1-641	Double Flange Tee, dia 200 x 80 mm, PN10	Nr	1	8,164	26,557	7,261	8,164	26,557	7,261	quotation
DB 1-642	Double Socket Tee with Flanged Branch, dia 150 x 80 mm, PN10	Nr	1	4,696	15,278	4,177	4,696	15,278	4,177	quotation
DB 1-643	Double Socket Bend, dia 150 mm x 45°	Nr	4	3,410	11,094	3,033	13,640	44,376	12,132	quotation
DB 1-644	Flange Spigot, dia 200 mm, PN10	Nr	2	4,216	13,716	3,750	8,432	27,432	7,500	quotation
DB 1-645	Double Flange Bend, dia 200 mm x 45°	Nr	4	5,573	18,130	4,957	22,292	72,520	19,828	quotation
DB 1-646	Double Flange Pipe (4m), dia 200 mm, PN10	Nr	2	29,019	94,397	25,810	58,038	188,794	51,620	quotation
DB 1-647	Double Flange Pipe (4m), dia 250 mm, PN10	Nr	2	38,859	126,407	34,562	77,718	252,814	69,124	quotation
DB 1-648	Double Flange Short Piece (0.5m), dia 200 mm, PN10	Nr	4	3,627	11,799	3,226	14,508	47,196	12,904	quotation
DB 1-649	Double Flange Short Piece (0.5m), dia 250 mm, PN10	Nr	3	4,857	15,800	4,320	14,571	47,400	12,960	quotation
DB 1-650	Double Flange Short Piece (1.5m), dia 200 mm, PN10	Nr	2	10,882	35,399	9,679	21,764	70,798	19,358	quotation
DB 1-651	Flange Short piece(2m), dia 250 mm, PN10	Nr	2	18,282	59,472	16,261	36,564	118,944	32,522	quotation
DB 1-652	Collar, dia 150 mm,	Nr	3	5,267	17,136	4,685	15,801	51,408	14,055	quotation
DB 1-653	Collar, dia 200 mm,	Nr	4	6,567	21,362	5,840	26,268	85,448	23,360	quotation
DB 1-654	Collar, dia 250 mm,	Nr	5	8,513	27,694	7,572	42,565	138,470	37,860	quotation
DB 1-655	Air Valve (Single Orifice), dia 80 mm, PN10	Nr	2	4,781	15,555	4,253	9,562	31,110	8,506	Rate 2001
DB 1-656	Ball Valve, dia 80 mm, PN10	Nr	2	4,163	13,544	3,703	8,326	27,088	7,406	Rate 2001
Total of page BOQ - 603 to DB 1 Bill Summary							420,727	1,368,657	374,209	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 2: Supply of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Supply and Delivery at site all Distribution PVC pipes and fittings including rubber rings, jointing materials and all other associated materials required for complete installation</p> <p>All pipes and fittings shall be with rubber ring joints unless specified</p> <p>All PVC pipes & fittings shall be Type 1000 except drainage pipes in Type 600</p> <p>Rate is including the cost of pipes/fittings to compensate for the cost of specials.</p>							
DB 2 - 1	90 mm dia	m	3,830	327	137	1,252,410	524,710	Rate 2001
DB 2 - 2	110 mm dia	m	3,790	527	221	1,997,330	837,590	Rate 2001
DB 2 - 3	160 mm dia	m	6,640	875	367	5,810,000	2,436,880	Rate 2001
DB 2 - 4	225 mm dia	m	7,410	1,880	788	13,930,800	5,839,080	Rate 2001
Total of page BOQ - 604 to DB 2 Bill Summary						22,990,540	9,638,260	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Laying & Jointing in Open Trench DI Pipes Specials & Fittings as Specified</p> <p>Rate to include for making of trial hole, excavation, cutting pipes, shoring & dewatering (where necessary), bedding unless otherwise specified, backfilling or filling with imported material (where necessary), compaction & disposal of excess and unsuitable material as directed by the Engineer, and laying all pipes and valves as depicted in drawings.</p> <p>Excavation and back filling of pipe trenches with approved soil or river sand. Trench width & depth is given separately as depicted in drawings.</p> <p>Distribution Main (40-C-01: No.1600 - 1500)</p> <p><u>Depth to invert of pipes not exceeding 2.0 m</u></p>							
DB 3 - 1	250 mm dia	m	1,090	680	285	741,200	310,650	Rate 2001
DB 3 - 2	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	14,400	6,040	14,400	6,040	Rate 2001
DB 3 - 3	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
	<p><u>Extra over Items for Culvert Crossings in Distribution Main</u></p> <p>Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.</p>							
DB 3 - 4	Type 'B'	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
	<p><u>Extra over Items for River Crossings in Distribution Main</u></p> <p>Rate to Truss/Beam Bridge for additional excavation, additional shoring, cofferdam, forming embankment, rubble piching, sheet pile setting, piles, setting of DI pipe and fittings where necessary, making good of any damage to the existing structures, road or embankment</p>							
Total of page BOQ - 605 to DB 3 Bill Summary						820,924	344,090	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3 - 5	Type PB-2 (L =8 m)	Nr	1	5,910	2,479	5,910	2,479	Rate 2001
DB 3 - 6	Type PB-6 (L = 9 m)	Nr	1	80,841	33,912	80,841	33,912	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 3 - 7	Horizontal Bend (dia 225-250 mm)	Nr	67	3,366	1,412	225,522	94,604	Rate 2001
DB 3 - 8	Tee (dia 225-250 mm)	Nr	2	11,991	5,030	23,982	10,060	Rate 2001
DB 3 - 9	Taper (dia 225-250 mm)	Nr	1	2,790	1,170	2,790	1,170	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 3- 10	Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 3- 11	Sluice valve (chamber type)	Nr	2	70,758	29,682	141,516	59,364	Rate 2001
DB 3- 12	Sluice valve (box type)	Nr	6	3,375	1,415	20,250	8,490	Rate 2001
Total of page BOQ - 606 to DB 3 Bill Summary						511,241	214,453	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3- 13	Air valve (single orifice) <u>Extra over Items for Break Pressure Chamber in Distribution Main</u>	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
DB 3- 14	Break pressure chamber <u>Extra over Items for Concrete Block for Distribution Main on Slope</u>	Nr	1	86,299	36,201	86,299	36,201	Rate 2001
DB 3- 15	Type A1 <u>Miscellaneous</u>	Nr	100	4,924	2,065	492,400	206,500	Rate 2001
DB 3- 16	Road reinstatement (Temporary)	m ²	877	435	182	381,495	159,614	Rate 2001
DB 3- 17	Demolition of existing asphalt road surface	m ³	87	1,476	619	128,412	53,853	Rate 2001
DB 3- 18	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	7	2,387	1,001	16,709	7,007	quotation
DB 3- 19	250 mm dia Distribution Main (40-C-12: No.2080 - 2029) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	1,090	47	19	51,230	20,710	Rate 2001
DB 3- 20	100 mm dia	m	34	490	205	16,660	6,970	Rate 2001
DB 3- 21	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	540	226	540	226	
Total of page BOQ - 607 to DB 3 Bill Summary						1,205,929	504,581	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 3- 22	Tee (dia 90-150 mm)	Nr	1	895	375	895	375	Rate 2001
	<u>Miscellaneous</u>							
DB 3- 23	Road reinstatement (Temporary)	m ²	32	435	182	13,920	5,824	Rate 2001
DB 3- 24	Demolition of existing asphalt road surface	m ³	3	1,476	619	4,428	1,857	Rate 2001
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 3- 25	100 mm dia	m	34	23	9	782	306	Rate 2001
	<u>Distribution Main (40-C-15: No.2600 - 2040)</u>							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 3- 26	300 mm dia	m	222	756	317	167,832	70,374	Rate 2001
DB 3- 27	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	3,071	1,288	3,071	1,288	Rate 2001
DB 3- 28	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 3- 29	Horizontal Bend (dia 300-350 mm)	Nr	10	7,855	3,295	78,550	32,950	Rate 2001
Total of page BOQ - 608 to DB 3 Bill Summary						279,198	117,051	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3- 30	Tee (dia 300-350 mm) <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	2	24,774	10,392	49,548	20,784	Rate 2001
DB 3- 31	Sluice valve (chamber type) <u>Miscellaneous</u>	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
DB 3- 32	Road reinstatement (Temporary)	m ²	186	435	182	80,910	33,852	Rate 2001
DB 3- 33	Demolition of existing asphalt road surface	m ³	18	1,476	619	26,568	11,142	Rate 2001
DB 3- 34	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	1	2,387	1,001	2,387	1,001	quotation
DB 3- 35	300 mm dia <u>Distribution Main (40-C-16: 3200 - 3065)</u> <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	222	77	32	17,094	7,104	quotation
DB 3- 36	300 mm dia	m	589	756	317	445,284	186,713	Rate 2001
DB 3- 37	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	7,740	3,246	7,740	3,246	Rate 2001
Total of page BOQ - 609 to DB 3 Bill Summary						700,289	293,524	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3- 38	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition Extra over Items for Culvert Crossings in Distribution Main Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 3- 39	Type 'B' Extra over Items for Thrust block in Distribution Main	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
DB 3- 40	Horizontal Bend (dia 300-350 mm)	Nr	37	7,855	3,295	290,635	121,915	Rate 2001
DB 3- 41	Tee (dia 300-350 mm) Extra over Items for Wash out in Distribution Main Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.	Nr	3	24,774	10,392	74,322	31,176	Rate 2001
DB 3- 42	Wash out Extra over Items for Valve chamber in Distribution Main Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	3	5,215	2,187	15,645	6,561	Rate 2001
DB 3- 43	Sluice valve (chamber type)	Nr	5	70,758	29,682	353,790	148,410	Rate 2001
Total of page BOQ - 610 to DB 3 Bill Summary						789,996	331,385	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3- 44	Sluice valve (box type)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
DB 3- 45	Air valve (single orifice)	Nr	2	32,184	13,500	64,368	27,000	Rate 2001
	<u>Extra over Items for Concrete Block for Distribution Main on Slope</u>							
DB 3- 46	Type A2	Nr	50	6,149	2,579	307,450	128,950	Rate 2001
	<u>Miscellaneous</u>							
DB 3- 47	Road reinstatement (Temporary)	m ²	471	435	182	204,885	85,722	Rate 2001
DB 3- 48	Demolition of existing asphalt road surface	m ³	47	1,476	619	69,372	29,093	Rate 2001
DB 3- 49	Excavation in rock including disposal of excavated material (Provisional).	m ³	4	2,387	1,001	9,548	4,004	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 3- 50	300 mm dia	m	589	77	32	45,353	18,848	Rate 2001
	<u>Distribution Main (40-C-17: No.3073 - 3108)</u>							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 3- 51	250 mm dia	m	127	680	285	86,360	36,195	Rate 2001
DB 3- 52	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	1,867	783	1,867	783	Rate 2001
Total of page BOQ - 611 to DB 3 Bill Summary						795,953	333,425	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Culvert Crossings in Distribution Main</u>							
	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.							
DB 3- 53	Type 'B'	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 3- 54	Horizontal Bend (dia 225-250 mm)	Nr	6	3,366	1,412	20,196	8,472	Rate 2001
DB 3- 55	Tee (dia 225-250 mm)	Nr	2	11,991	5,030	23,982	10,060	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 3- 56	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Miscellaneous</u>							
DB 3- 57	Road reinstatement (Temporary)	m ²	113	435	182	49,155	20,566	Rate 2001
DB 3- 58	Demolition of existing asphalt road surface	m ³	11	1,476	619	16,236	6,809	Rate 2001
DB 3- 59	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
Total of page BOQ - 612 to DB 3 Bill Summary						163,055	68,341	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3- 60	250 mm dia Distribution Main (40-C-18: No.3106 - 3069) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	127	47	19	5,969	2,413	Rate 2001
DB 3- 61	100 mm dia	m	101	490	205	49,490	20,705	Rate 2001
DB 3- 62	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering) <u>Extra over Items for Thrust block in Distribution Main</u>	Item	1	1,338	561	1,338	561	Rate 2001
DB 3- 63	Horizontal Bend (dia 90-150 mm) <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	5	1,120	469	5,600	2,345	Rate 2001
DB 3- 64	Air valve (single orifice) <u>Miscellaneous</u>	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
DB 3- 65	Road reinstatement (Temporary)	m ²	81	435	182	35,235	14,742	Rate 2001
DB 3- 66	Demolition of existing asphalt road surface <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	8	1,476	619	11,808	4,952	Rate 2001
Total of page BOQ - 613 to DB 3 Bill Summary						141,624	59,218	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3- 67	100 mm dia Distribution Main (40-C-20: No.4100 - 4018) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	101	23	9	2,323	909	Rate 2001
DB 3- 68	250 mm dia	m	244	680	285	165,920	69,540	Rate 2001
DB 3- 69	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	3,341	1,401	3,341	1,401	Rate 2001
DB 3- 70	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 3- 71	Horizontal Bend (dia 225-250 mm) <u>Extra over Items for Wash out in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.	Nr	7	3,366	1,412	23,562	9,884	Rate 2001
DB 3- 72	Wash out <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
Total of page BOQ - 614 to DB 3 Bill Summary						210,081	87,998	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3- 73	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
DB 3- 74	Sluice Valve (Valve Box)	Nr	1	3,375	1,415	3,375	1,415	Rate 2001
DB 3- 75	Sluice Valve (Chamber)	Nr	8	70,758	29,682	566,064	237,456	Rate 2001
	<u>Extra over Items for Concrete Block for Distribution Main on Slope</u>							
DB 3- 76	Type B2 <u>Miscellaneous</u>	Nr	60	6,149	2,579	368,940	154,740	Rate 2001
DB 3- 77	Road reinstatement (Temporary)	m ²	203	435	182	88,305	36,946	Rate 2001
DB 3- 78	Demolition of existing asphalt road surface	m ³	20	1,476	619	29,520	12,380	Rate 2001
DB 3- 79	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	1	2,387	1,001	2,387	1,001	quotation
DB 3- 80	250 mm dia <u>Distribution Main (40-C-22: No.5100 - 5056)</u> <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	244	47	19	11,468	4,636	Rate 2001
DB 3- 81	250 mm dia	m	170	680	285	115,600	48,450	Rate 2001
DB 3- 82	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	2,407	1,009	2,407	1,009	Rate 2001
Total of page BOQ - 615 to DB 3 Bill Summary						1,220,250	511,533	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 3- 83	Horizontal Bend (dia 225-250 mm)	Nr	4	3,366	1,412	13,464	5,648	Rate 2001
DB 3- 84	Tee (dia 160-200 mm)	Nr	1	3,760	1,577	3,760	1,577	Rate 2001
DB 3- 85	Tee (dia 225-250 mm)	Nr	1	11,991	5,030	11,991	5,030	Rate 2001
DB 3- 86	Taper (dia 160-200 mm)	Nr	1	1,784	748	1,784	748	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 3- 87	Sluice Valve (Valve Box)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
	<u>Miscellaneous</u>							
DB 3- 88	Road reinstatement (Temporary)	m ²	146	435	182	63,510	26,572	Rate 2001
DB 3- 89	Demolition of existing asphalt road surface	m ³	14	1,476	619	20,664	8,666	Rate 2001
DB 3- 90	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 3- 91	250 mm dia	m	170	47	19	7,990	3,230	Rate 2001
	Distribution Main (40-C-23: No.5055 - 5046)							
Total of page BOQ - 616 to DB 3 Bill Summary						132,300	55,302	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 3- 92	100 mm dia	m	100	490	205	49,000	20,500	Rate 2001
DB 3- 93	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	1,338	561	1,338	561	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 3- 94	Horizontal Bend (dia 90-150 mm)	Nr	18	1,120	469	20,160	8,442	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 3- 95	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 3- 96	Sluice Valve (Valve Box)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
	<u>Miscellaneous</u>							
DB 3- 97	Road reinstatement (Temporary)	m ²	90	435	182	39,150	16,380	Rate 2001
Total of page BOQ - 617 to DB 3 Bill Summary						121,613	50,900	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3- 98	Demolition of existing asphalt road surface	m ³	9	1,476	619	13,284	5,571	Rate 2001
DB 3- 99	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 3-100	100 mm dia Distribution Main (40-C-24: No.6100 - 6019) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	100	23	9	2,300	900	Rate 2001
DB 3-101	250 mm dia	m	63	680	285	42,840	17,955	Rate 2001
DB 3-102	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering) <u>Extra over Items for Thrust block in Distribution Main</u>	Item	1	933	391	933	391	Rate 2001
DB 3-103	Horizontal Bend (dia 225-250 mm) <u>Miscellaneous</u>	Nr	4	3,366	1,412	13,464	5,648	Rate 2001
DB 3-104	Road reinstatement (Temporary)	m ²	56	435	182	24,360	10,192	Rate 2001
DB 3-105	Demolition of existing asphalt road surface	m ³	5	1,476	619	7,380	3,095	Rate 2001
DB 3-106	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	1	2,387	1,001	2,387	1,001	quotation
Total of page BOQ - 618 to DB 3 Bill Summary						109,335	45,754	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3-107	250 mm dia Distribution Main (40-C-25: No.7200 - 7105) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	63	47	19	2,961	1,197	Rate 2001
DB 3-108	300 mm dia	m	71	756	317	53,676	22,507	Rate 2001
DB 3-109	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering) <u>Extra over Items for Thrust block in Distribution Main</u>	Item	1	1,068	448	1,068	448	Rate 2001
DB 3-110	Horizontal Bend (dia 160-200 mm)	Nr	1	2,391	1,003	2,391	1,003	Rate 2001
DB 3-111	Horizontal Bend (dia 300-350 mm)	Nr	2	7,855	3,295	15,710	6,590	Rate 2001
DB 3-112	Tee (dia 300-350 mm)	Nr	2	24,774	10,392	49,548	20,784	Rate 2001
DB 3-113	Taper (dia 300-350 mm) <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	2	7,734	3,244	15,468	6,488	Rate 2001
DB 3-114	Sluice Valve (Chamber) <u>Miscellaneous</u>	Nr	3	70,758	29,682	212,274	89,046	Rate 2001
Total of page BOQ - 619 to DB 3 Bill Summary						353,096	148,063	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3-115	Road reinstatement (Temporary)	m ²	65	435	182	28,275	11,830	Rate 2001
DB 3-116	Demolition of existing asphalt road surface	m ³	6	1,476	619	8,856	3,714	Rate 2001
DB 3-117	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 3-118	300 mm dia Distribution Main (40-C-27: No.8200 - 8087) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	71	77	32	5,467	2,272	Rate 2001
DB 3-119	250 mm dia	m	139	680	285	94,520	39,615	Rate 2001
DB 3-120	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering) <u>Extra over Items for Thrust block in Distribution Main</u>	Item	1	1,867	783	1,867	783	Rate 2001
DB 3-121	Horizontal Bend (dia 225-250 mm) <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	6	3,366	1,412	20,196	8,472	Rate 2001
DB 3-122	Sluice Valve (Chamber)	Nr	4	70,758	29,682	283,032	118,728	Rate 2001
Total of page BOQ - 620 to DB 3 Bill Summary						444,600	186,415	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Miscellaneous							
DB 3-123	Road reinstatement (Temporary)	m ²	113	435	182	49,155	20,566	Rate 2001
DB 3-124	Demolition of existing asphalt road surface	m ³	11	1,476	619	16,236	6,809	Rate 2001
DB 3-125	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.							
DB 3-126	250 mm dia	m	139	47	19	6,533	2,641	Rate 2001
	Distribution Main (40-C-35: No.12100 - 12005)							
	Depth to invert of pipes not exceeding 2.0 m							
DB 3-127	200 mm dia	m	40	630	264	25,200	10,560	Rate 2001
DB 3-128	250 mm dia	m	220	680	285	149,600	62,700	Rate 2001
DB 3-129	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	540	226	540	226	Rate 2001
DB 3-130	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	Extra over Items for Thrust block in Distribution Main							
DB 3-131	Horizontal Bend (dia 160-200 mm)	Nr	4	2,391	1,003	9,564	4,012	Rate 2001
DB 3-132	Horizontal Bend (dia 225-250 mm)	Nr	13	3,366	1,412	43,758	18,356	Rate 2001
Total of page BOQ - 621 to DB 3 Bill Summary						312,693	130,948	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3-133	Vertical Bend (dia 225-250 mm)	Nr	2	21,807	9,147	43,614	18,294	Rate 2001
DB 3-134	Tee (dia 160-200 mm)	Nr	1	3,760	1,577	3,760	1,577	Rate 2001
DB 3-135	Tee (dia 225-250 mm)	Nr	1	11,991	5,030	11,991	5,030	Rate 2001
DB 3-136	Tapper(dia 90-150 mm)	Nr	1	282	118	282	118	Rate 2001
DB 3-137	Tapper(dia 160-200 mm)	Nr	1	1,784	748	1,784	748	Rate 2001
DB 3-138	Tapper(dia 225-250 mm)	Nr	2	2,790	1,170	5,580	2,340	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 3-139	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 3-140	Sluice Valve (Chamber)	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
DB 3-141	Sluice Valve (Box)	Nr	3	3,375	1,415	10,125	4,245	Rate 2001
	<u>Miscellaneous</u>							
Total of page BOQ - 622 to DB 3 Bill Summary						153,109	64,221	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3-142	Road reinstatement (Temporary)	m ²	211	435	182	91,785	38,402	Rate 2001
DB 3-143	Demolition of existing asphalt road surface	m ³	21	1,476	619	30,996	12,999	Rate 2001
DB 3-144	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	1	2,387	1,001	2,387	1,001	quotation
DB 3-145	200 mm dia	m	40	45	18	1,800	720	Rate 2001
DB 3-146	250 mm dia <u>Distribution Main (40-C-37: No.13000 - 13001)</u> <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	220	47	19	10,340	4,180	Rate 2001
DB 3-147	250 mm dia	m	119	680	285	80,920	33,915	Rate 2001
DB 3-148	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering) <u>Extra over Items for Thrust block in Distribution Main</u>	Item	1	1,743	731	1,743	731	Rate 2001
DB 3-149	Horizontal Bend (dia 225-250 mm) <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	6	3,366	1,412	20,196	8,472	Rate 2001
Total of page BOQ - 623 to DB 3 Bill Summary						240,167	100,420	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3-150	Sluice Valve (Chamber)	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
	Miscellaneous							
DB 3-151	Road reinstatement (Temporary)	m ²	105	435	182	45,675	19,110	Rate 2001
DB 3-152	Demolition of existing asphalt road surface	m ³	10	1,476	619	14,760	6,190	Rate 2001
DB 3-153	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.							
DB 3-154	250 mm dia Distribution Main (40-C-38: 14000 - 14001) Depth to invert of pipes not exceeding 2.0 m	m	119	47	19	5,593	2,261	Rate 2001
DB 3-155	250 mm dia	m	187	680	285	127,160	53,295	Rate 2001
DB 3-156	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	2,542	1,066	2,542	1,066	Rate 2001
	Extra over Items for Thrust block in Distribution Main							
DB 3-157	Horizontal Bend (dia 225-250 mm) Extra over Items for Valve chamber in Distribution Main	Nr	15	3,366	1,412	50,490	21,180	Rate 2001
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
Total of page BOQ - 624 to DB 3 Bill Summary						319,365	133,785	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3-158	Sluice Valve (Chamber)	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
	Miscellaneous							
DB 3-159	Road reinstatement (Temporary)	m ²	154	435	182	66,990	28,028	Rate 2001
DB 3-160	Demolition of existing asphalt road surface	m ³	15	1,476	619	22,140	9,285	Rate 2001
DB 3-161	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.							
DB 3-162	250 mm dia	m	187	47	19	8,789	3,553	Rate 2001
	Distribution Main (40-C-39: No.14000 - 14003)							
	Depth to invert of pipes not exceeding 2.0 m							
DB 3-163	450 mm dia	m	1,205	1,068	448	1,286,940	539,840	Rate 2001
DB 3-164	500 mm dia	m	681	1,388	582	945,228	396,342	Rate 2001
DB 3-165	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	16,132	6,767	16,132	6,767	Rate 2001
DB 3-166	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	3	9,720	4,077	29,160	12,231	Rate 2001
	Extra over Items for Culvertr Crossings in Distribution Main							
Total of page BOQ - 625 to DB 3 Bill Summary						2,448,524	1,026,729	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3-167	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures. Type 'B'	Nr	7	22,942	9,623	160,594	67,361	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 3-168	Horizontal Bend (dia 400-500 mm)	Nr	68	16,130	6,766	1,096,840	460,088	Rate 2001
DB 3-169	Tee (dia 400-500 mm)	Nr	2	45,452	19,066	90,904	38,132	Rate 2001
DB 3-170	Taper (dia 400-500 mm)	Nr	1	34,009	14,266	34,009	14,266	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
DB 3-171	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings. Wash out	Nr	5	5,215	2,187	26,075	10,935	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
DB 3-172	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary. Air valve (Double orifice)	Nr	5	38,953	16,340	194,765	81,700	Rate 2001
DB 3-173	Butterfly Valve	Nr	5	165,943	69,611	829,715	348,055	Rate 2001
DB 3-174	Sluice valve (Valve Box)	Nr	5	3,375	1,415	16,875	7,075	Rate 2001
Total of page BOQ - 626 to DB 3 Bill Summary						2,449,777	1,027,612	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Miscellaneous</u>							
DB 3-175	Road reinstatement (Temporary)	m ²	1,795	435	182	780,825	326,690	Rate 2001
DB 3-176	Demolition of existing asphalt road surface	m ³	179	1,476	619	264,204	110,801	Rate 2001
DB 3-177	Excavation in rock including disposal of excavated material (Provisional).	m ³	13	2,387	1,001	31,031	13,013	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 3-178	450 mm dia	m	1,205	129	54	155,445	65,070	Rate 2001
DB 3-179	500 mm dia	m	681	131	54	157,855	65,070	Rate 2001
	<u>Distribution Main (40-C-40: No.14002 - 14004)</u>							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 3-180	400 mm dia	m	330	970	406	320,100	133,980	Rate 2001
DB 3-181	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	4,410	1,849	4,410	1,849	Rate 2001
DB 3-182	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 3-183	Horizontal Bend (dia 400-500 mm)	Nr	9	16,130	6,766	145,170	60,894	Rate 2001
Total of page BOQ - 627 to DB 3 Bill Summary						1,868,760	781,444	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 3-184	Butterfly Valve	Nr	1	165,943	69,611	165,943	69,611	Rate 2001
	<u>Miscellaneous</u>							
DB 3-185	Road reinstatement (Temporary)	m ²	297	435	182	129,195	54,054	Rate 2001
DB 3-186	Demolition of existing asphalt road surface	m ³	29	1,476	619	42,804	17,951	Rate 2001
DB 3-187	Excavation in rock including disposal of excavated material (Provisional).	m ³	2	2,387	1,001	4,774	2,002	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 3-188	400 mm dia	m	330	120	50	39,600	16,500	Rate 2001
	<u>Distribution Main (40-C-41: No.15000 - 15001)</u>							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 3-189	250 mm dia	m	280	680	285	190,400	79,800	Rate 2001
DB 3-190	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	3,735	1,566	3,735	1,566	Rate 2001
Total of page BOQ - 628 to DB 3 Bill Summary						576,451	241,484	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3-191	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u> Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 3-192	Type 'B' <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
DB 3-193	Horizontal Bend (dia 225-250 mm)	Nr	21	3,366	1,412	70,686	29,652	Rate 2001
DB 3-194	Vertical Bend (dia 225-250 mm) <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	2	21,807	9,147	43,614	18,294	Rate 2001
DB 3-195	Sluice Valve (Chamber) <u>Miscellaneous</u>	Nr	3	70,758	29,682	212,274	89,046	Rate 2001
DB 3-196	Road reinstatement (Temporary)	m ²	227	435	182	98,745	41,314	Rate 2001
DB 3-197	Demolition of existing asphalt road surface	m ³	22	1,476	619	32,472	13,618	Rate 2001
Total of page BOQ - 629 to DB 3 Bill Summary						513,395	215,247	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 3: Laying of DI Pipes/Valves/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 3-198	Excavation in rock including disposal of excavated material (Provisional).	m ³	2	2,387	1,001	4,774	2,002	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 3-199	250 mm dia	m	280	47	19	13,160	5,320	Rate 2001
Total of page BOQ - 630 to DB 3 Bill Summary						17,934	7,322	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<p>Laying & Jointing in Open Trench PVC Pipes Specials & Fittings as Specified.</p> <p>Rate to include for making of trial holes, excavation, cutting pipes, shoring & dewatering, backfilling or filling with selected material (where necessary), compaction & disposal of excess & unsuitable material as directed by the Engineer</p> <p>Excavation and back filling of pipe trenches with approved soil or river sand. Trench width & depth is given separately as depicted in drawings.</p> <p>Distribution Main (40-C-01: No.1600 - 1500)</p> <p><u>Depth to invert of pipes not exceeding 2.0 m</u></p>							
DB 4 - 1	160 mm dia	m	210	324	135	68,040	28,350	Rate 2001
DB 4 - 2	225 mm dia	m	760	420	176	319,200	133,760	Rate 2001
DB 4 - 3	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	10,136	4,251	10,136	4,251	Rate 2001
DB 4 - 4	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
	<p><u>Extra over Items for Culvert Crossings in Distribution Main</u></p> <p>Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.</p>							
Total of page BOQ - 631 to DB 4 Bill Summary						416,816	174,515	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4 - 5	Type 'B' <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	7	22,942	9,623	160,594	67,361	Rate 2001
DB 4 - 6	Horizontal Bend (dia 160-200 mm)	Nr	12	2,391	1,003	28,692	12,036	Rate 2001
DB 4 - 7	Horizontal Bend (dia 225-250 mm) <u>Extra over Items for Wash out in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.	Nr	28	3,366	1,412	94,248	39,536	Rate 2001
DB 4 - 8	Wash out <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
DB 4 - 9	Air valve (single orifice) <u>Miscellaneous</u>	Nr	4	32,184	13,500	128,736	54,000	Rate 2001
Total of page BOQ - 632 to DB 4 Bill Summary						422,700	177,307	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4- 10	Road reinstatement (Temporary)	m ²	796	435	182	346,260	144,872	Rate 2001
DB 4- 11	Demolition of existing asphalt road surface	m ³	79	1,476	619	116,604	48,901	Rate 2001
DB 4- 12	Excavation in rock including disposal of excavated material (Provisional).	m ³	7	2,387	1,001	16,709	7,007	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4- 13	160 mm dia	m	210	23	9	4,830	1,890	Rate 2001
DB 4- 14	225 mm dia	m	760	25	10	19,000	7,600	Rate 2001
	Distribution Main (40-C-02: No.1600 - 2002)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4- 15	110 mm dia	m	660	304	127	200,640	83,820	Rate 2001
DB 4- 16	225 mm dia	m	220	420	176	92,400	38,720	Rate 2001
DB 4- 17	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	2,936	1,231	2,936	1,231	Rate 2001
DB 4- 18	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
Total of page BOQ - 633 to DB 4 Bill Summary						818,819	342,195	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Culvert Crossings in Distribution Main</u>							
	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.							
DB 4- 19	Type 'B'	Nr	6	22,942	9,623	137,652	57,738	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4- 20	Horizontal Bend (dia 90-150 mm)	Nr	44	1,120	469	49,280	20,636	Rate 2001
DB 4- 21	Horizontal Bend (dia 160-200 mm)	Nr	1	2,391	1,003	2,391	1,003	Rate 2001
DB 4- 22	Horizontal Bend (dia 225-250 mm)	Nr	15	3,366	1,412	50,490	21,180	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4- 23	Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
Total of page BOQ - 634 to DB 4 Bill Summary						250,243	104,931	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4- 24	Sluice valve (chamber type)	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
DB 4- 25	Sluice valve (Box Type)	Nr	7	3,375	1,415	23,625	9,905	Rate 2001
DB 4- 26	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4- 27	Road reinstatement (Temporary)	m ²	715	435	182	311,025	130,130	Rate 2001
DB 4- 28	Demolition of existing asphalt road surface	m ³	71	1,476	619	104,796	43,949	Rate 2001
DB 4- 29	Excavation in rock including disposal of excavated material (Provisional).	m ³	6	2,387	1,001	14,322	6,006	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4- 30	110 mm dia	m	660	19	7	12,540	4,620	Rate 2001
Total of page BOQ - 635 to DB 4 Bill Summary						569,250	237,792	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4- 31	225 mm dia Distribution Main (40-C-03: No.1063 - 1048) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	220	25	10	5,500	2,200	Rate 2001
DB 4- 32	90 mm dia	m	1,030	303	127	312,090	130,810	Rate 2001
DB 4- 33	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	13,601	5,705	13,601	5,705	Rate 2001
DB 4- 34	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u> Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
DB 4- 35	Type 'B'	Nr	6	22,942	9,623	137,652	57,738	Rate 2001
DB 4- 36	Type 'E' <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	5,394	2,262	5,394	2,262	Rate 2001
Total of page BOQ - 636 to DB 4 Bill Summary						493,677	206,869	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4- 37	Horizontal Bend (dia 90-150 mm) <u>Extra over Items for Wash out in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.	Nr	49	1,120	469	54,880	22,981	Rate 2001
DB 4- 38	Wash out <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
DB 4- 39	Sluice valve (Box Type)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
DB 4- 40	Air valve (single orifice) <u>Miscellaneous</u>	Nr	1	32,184	13,500	32,184	13,500	
DB 4- 41	Road reinstatement (Temporary)	m ²	828	435	182	360,180	150,696	Rate 2001
DB 4- 42	Demolition of existing asphalt road surface	m ³	82	1,476	619	121,032	50,758	Rate 2001
Total of page BOQ - 637 to DB 4 Bill Summary						580,241	242,952	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4- 43	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	7	2,387	1,001	16,709	7,007	quotation
DB 4- 44	90 mm dia Distribution Main (40-C-04: No.1034 - 1033) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	1,030	15	6	15,450	6,180	Rate 2001
DB 4- 45	225 mm dia	m	240	425	178	102,000	42,720	Rate 2001
DB 4- 46	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	3,206	1,344	3,206	1,344	Rate 2001
DB 4- 47	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 4- 48	Horizontal Bend (dia 90-150 mm)	Nr	2	1,120	469	2,240	938	Rate 2001
DB 4- 49	Horizontal Bend (dia 160-200 mm)	Nr	8	2,391	1,003	19,128	8,024	Rate 2001
Total of page BOQ - 638 to DB 4 Bill Summary						168,453	70,290	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4- 50	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4- 51	Sluice valve (chamber type)	Nr	2	70,758	29,682	141,516	59,364	Rate 2001
DB 4- 52	Sluice valve (box type)	Nr	1	3,375	1,415	3,375	1,415	Rate 2001
DB 4- 53	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4- 54	Road reinstatement (Temporary)	m ²	195	435	182	84,825	35,490	Rate 2001
Total of page BOQ - 639 to DB 4 Bill Summary						267,115	111,956	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4- 55	Demolition of existing asphalt road surface	m ³	19	1,476	619	28,044	11,761	Rate 2001
DB 4- 56	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4- 57	225 mm dia Distribution Main (40-C-05: No.1056-1057) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	240	25	10	6,000	2,400	Rate 2001
DB 4- 58	160 mm dia	m	560	324	135	181,440	75,600	Rate 2001
DB 4- 59	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	7,470	3,133	7,470	3,133	Rate 2001
DB 4- 60	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for River Crossings in Distribution Main</u> Rate to Truss/Beam Bridge for additional excavation, additional shoring, cofferdam, forming embankment, rubble piching, sheet pile setting, piles, setting of DI pipe and fittings where necessary, making good of any damage to the existing structures, road or embankment	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 4- 61	Type PB-3 (L =7 m)	Nr	1	270,101	113,305	270,101	113,305	Rate 2001
Total of page BOQ - 640 to DB 4 Bill Summary						505,162	211,277	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4- 62	Horizontal Bend (dia 160-200 mm)	Nr	43	2,391	1,003	102,813	43,129	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4- 63	Wash out	Nr	3	5,215	2,187	15,645	6,561	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4- 64	Sluice valve (chamber type)	Nr	3	70,758	29,682	212,274	89,046	Rate 2001
DB 4- 65	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
Total of page BOQ - 641 to DB 4 Bill Summary						362,916	152,236	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4- 66	Road reinstatement (Temporary)	m ²	455	435	182	197,925	82,810	Rate 2001
DB 4- 67	Demolition of existing asphalt road surface	m ³	45	1,476	619	66,420	27,855	Rate 2001
DB 4- 68	Excavation in rock including disposal of excavated material (Provisional).	m ³	4	2,387	1,001	9,548	4,004	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4- 69	160 mm dia Distribution Main (40-C-06: No.1064 - 2082) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	560	23	9	12,880	5,040	Rate 2001
DB 4- 70	160 mm dia	m	420	324	135	136,080	56,700	Rate 2001
DB 4- 71	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	5,602	2,349	5,602	2,349	Rate 2001
DB 4- 72	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
Total of page BOQ - 642 to DB 4 Bill Summary						438,175	182,835	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4- 73	Horizontal Bend (dia 160-200 mm)	Nr	43	2,391	1,003	102,813	43,129	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4- 74	Wash out	Nr	3	5,215	2,187	15,645	6,561	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4- 75	Sluice valve (chamber type)	Nr	3	70,758	29,682	212,274	89,046	Rate 2001
DB 4- 76	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4- 77	Road reinstatement (Temporary)	m ²	341	435	182	148,335	62,062	Rate 2001
Total of page BOQ - 643 to DB 4 Bill Summary						511,251	214,298	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4- 78	Demolition of existing asphalt road surface	m ³	34	1,476	619	50,184	21,046	Rate 2001
DB 4- 79	Excavation in rock including disposal of excavated material (Provisional).	m ³	3	2,387	1,001	7,161	3,003	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4- 80	160 mm dia Distribution Main (40-C-07: No.1037 - 1059) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	420	23	9	9,660	3,780	Rate 2001
DB 4- 81	90 mm dia	m	440	303	127	133,320	55,880	Rate 2001
DB 4- 82	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	5,872	2,463	5,872	2,463	Rate 2001
DB 4- 83	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 4- 84	Horizontal Bend (dia 90-150 mm)	Nr	17	1,120	469	19,040	7,973	Rate 2001
Total of page BOQ - 644 to DB 4 Bill Summary						234,957	98,222	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4- 85	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4- 86	Sluice valve (box type)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
DB 4- 87	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4- 88	Road reinstatement (Temporary)	m ²	357	435	182	155,295	64,974	Rate 2001
DB 4- 89	Demolition of existing asphalt road surface	m ³	35	1,476	619	51,660	21,665	Rate 2001
Total of page BOQ - 645 to DB 4 Bill Summary						251,104	105,156	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4- 85	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4- 86	Sluice valve (box type)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
DB 4- 87	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4- 88	Road reinstatement (Temporary)	m ²	357	435	182	155,295	64,974	Rate 2001
DB 4- 89	Demolition of existing asphalt road surface	m ³	35	1,476	619	51,660	21,665	Rate 2001
Total of page BOQ - 646 to DB 4 Bill Summary						251,104	105,156	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4- 96	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures. Type 'B'	Nr	7	22,942	9,623	160,594	67,361	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4- 97	Horizontal Bend (dia 90-150 mm)	Nr	1	1,120	469	1,120	469	Rate 2001
DB 4- 98	Horizontal Bend (dia 160-200 mm)	Nr	40	2,391	1,003	95,640	40,120	Rate 2001
DB 4- 99	Horizontal Bend (dia 225-250 mm)	Nr	5	3,366	1,412	16,830	7,060	Rate 2001
DB 4-100	Tee (dia 90-150 mm)	Nr	1	895	375	895	375	Rate 2001
DB 4-101	Tee (dia 160-200 mm)	Nr	1	3,760	1,577	3,760	1,577	Rate 2001
DB 4-102	Tee (dia 225-250 mm)	Nr	1	11,991	5,030	11,991	5,030	Rate 2001
DB 4-103	Taper (dia 90-150 mm)	Nr	1	282	118	282	118	Rate 2001
DB 4-104	Taper (dia 160-200 mm)	Nr	2	1,784	748	3,568	1,496	Rate 2001
Total of page BOQ - 647 to DB 4 Bill Summary						294,680	123,606	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-105	Taper (dia 225-250 mm) <u>Extra over Items for Wash out in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.	Nr	2	2,790	1,170	5,580	2,340	Rate 2001
DB 4-106	Wash out <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
DB 4-107	Sluice valve (chamber type)	Nr	5	70,758	29,682	353,790	148,410	Rate 2001
DB 4-108	Sluice valve (box type)	Nr	1	3,375	1,415	3,375	1,415	Rate 2001
DB 4-109	Air valve (single orifice) <u>Extra over Items for Concrete Block for Distribution Main on Slope</u>	Nr	2	32,184	13,500	64,368	27,000	Rate 2001
Total of page BOQ - 648 to DB 4 Bill Summary						437,543	183,539	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-110	Type B1 Miscellaneous	Nr	50	1,030	432	51,500	21,600	Rate 2001
DB 4-111	Road reinstatement (Temporary)	m ²	877	435	182	381,495	159,614	Rate 2001
DB 4-112	Demolition of existing asphalt road surface	m ³	87	1,476	619	128,412	53,853	Rate 2001
DB 4-113	Excavation in rock including disposal of excavated material (Provisional). Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.	m ³	7	2,387	1,001	16,709	7,007	quotation
DB 4-114	160 mm dia	m	880	23	9	20,240	7,920	Rate 2001
DB 4-115	225 mm dia Distribution Main (40-C-09: No.2700 - 2006) Depth to invert of pipes not exceeding 2.0 m	m	200	25	10	5,000	2,000	Rate 2001
DB 4-116	110 mm dia	m	890	304	127	270,560	113,030	Rate 2001
Total of page BOQ - 649 to DB 4 Bill Summary						873,916	365,024	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-117	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	11,733	4,921	11,733	4,921	Rate 2001
DB 4-118	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
DB 4-119	Horizontal Bend (dia 90-150 mm) <u>Extra over Items for Wash out in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.	Nr	20	1,120	469	22,400	9,380	Rate 2001
DB 4-120	Wash out <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
DB 4-121	Sluice valve (box type)	Nr	1	3,375	1,415	3,375	1,415	Rate 2001
Total of page BOQ - 650 to DB 4 Bill Summary						67,378	28,244	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-122	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	Miscellaneous							
DB 4-123	Road reinstatement (Temporary)	m ²	715	435	182	311,025	130,130	Rate 2001
DB 4-124	Demolition of existing asphalt road surface	m ³	71	1,476	619	104,796	43,949	Rate 2001
DB 4-125	Excavation in rock including disposal of excavated material (Provisional).	m ³	6	2,387	1,001	14,322	6,006	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-126	110 mm dia	m	890	19	7	16,910	6,230	Rate 2001
	Distribution Main (40-C-10: No.2084 - 2083)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-127	90 mm dia	m	760	303	127	230,280	96,520	Rate 2001
DB 4-128	160 mm dia	m	1,400	324	135	453,600	189,000	Rate 2001
Total of page BOQ - 651 to DB 4 Bill Summary						1,163,117	485,335	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-129	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	18,663	7,828	18,663	7,828	Rate 2001
DB 4-130	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u> Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
DB 4-131	Type 'B'	Nr	14	22,942	9,623	321,188	134,722	Rate 2001
DB 4-132	Type 'E' <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	3	5,394	2,262	16,182	6,786	Rate 2001
DB 4-133	Horizontal Bend (dia 90-150 mm)	Nr	34	1,120	469	38,080	15,946	Rate 2001
DB 4-134	Horizontal Bend (dia 160-200 mm) <u>Extra over Items for Wash out in Distribution Main</u>	Nr	57	2,391	1,003	136,287	57,171	Rate 2001
Total of page BOQ - 652 to DB 4 Bill Summary						549,840	230,607	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-135	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings. Wash out	Nr	4	5,215	2,187	20,860	8,748	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-136	Sluice valve (box type)	Nr	3	3,375	1,415	10,125	4,245	Rate 2001
DB 4-137	Air valve (single orifice)	Nr	2	32,184	13,500	64,368	27,000	Rate 2001
	<u>Miscellaneous</u>							
DB 4-138	Road reinstatement (Temporary)	m ²	1,755	435	182	763,425	319,410	Rate 2001
DB 4-139	Demolition of existing asphalt road surface	m ³	175	1,476	619	258,300	108,325	Rate 2001
DB 4-140	Excavation in rock including disposal of excavated material (Provisional).	m ³	15	2,387	1,001	35,805	15,015	quotation
Total of page BOQ - 653 to DB 4 Bill Summary						1,152,883	482,743	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-141	90 mm dia	m	760	15	6	11,400	4,560	Rate 2001
DB 4-142	160 mm dia	m	1,400	23	9	32,200	12,600	Rate 2001
	Distribution Main (40-C-11: No.2078 - 2079)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-143	160 mm dia	m	290	324	135	93,960	39,150	Rate 2001
DB 4-144	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	3,870	1,623	3,870	1,623	Rate 2001
DB 4-145	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-146	Horizontal Bend (dia 160-200 mm)	Nr	15	2,391	1,003	35,865	15,045	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
Total of page BOQ - 654 to DB 4 Bill Summary						187,015	77,055	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-147	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings. Wash out <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
DB 4-148	Sluice valve (chamber type)	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
DB 4-149	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4-150	Road reinstatement (Temporary)	m ²	235	435	182	102,225	42,770	Rate 2001
DB 4-151	Demolition of existing asphalt road surface	m ³	23	1,476	619	33,948	14,237	Rate 2001
DB 4-152	Excavation in rock including disposal of excavated material (Provisional).	m ³	2	2,387	1,001	4,774	2,002	quotation
Total of page BOQ - 655 to DB 4 Bill Summary						249,104	104,378	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-153	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u> 160 mm dia	m	1	23	9	23	9	Rate 2001
	Distribution Main (40-C-12: No.2080 - 2029) <u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-154	110 mm dia	m	560	304	127	170,240	71,120	Rate 2001
DB 4-155	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	3,076	1,290	3,076	1,290	Rate 2001
DB 4-156	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u> Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 4-157	Type 'B'	Nr	1	22,942	9,623	22,942	9,623	Rate 2001
Total of page BOQ - 656 to DB 4 Bill Summary						206,001	86,119	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-158	Horizontal Bend (dia 90-150 mm)	Nr	22	1,120	469	24,640	10,318	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-159	Wash out	Nr	3	5,215	2,187	15,645	6,561	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-160	Sluice valve (box type)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
DB 4-161	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Extra over Items for Concrete Block for Distribution Main on Slope</u>							
Total of page BOQ - 657 to DB 4 Bill Summary						79,219	33,209	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-162	Type A1 Miscellaneous	Nr	70	4,924	2,065	344,680	144,550	
DB 4-163	Road reinstatement (Temporary)	m ²	446	435	182	194,010	81,172	Rate 2001
DB 4-164	Demolition of existing asphalt road surface	m ³	44	1,476	619	64,944	27,236	Rate 2001
DB 4-165	Excavation in rock including disposal of excavated material (Provisional).	m ³	3	2,387	1,001	7,161	3,003	quotation
DB 4-166	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u> 110 mm dia Distribution Main (40-C-13: No.2600 - 2015) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	560	19	7	10,640	3,920	Rate 2001
DB 4-167	110 mm dia	m	350	304	127	106,400	44,450	Rate 2001
DB 4-168	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	4,668	1,958	4,668	1,958	Rate 2001
Total of page BOQ - 658 to DB 4 Bill Summary						732,503	306,289	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-169	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 4-170	Horizontal Bend (dia 90-150 mm) <u>Extra over Items for Wash out in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.	Nr	20	1,120	469	22,400	9,380	Rate 2001
DB 4-171	Wash out <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
DB 4-172	Sluice valve (box type)	Nr	1	3,375	1,415	3,375	1,415	Rate 2001
DB 4-173	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
Total of page BOQ - 659 to DB 4 Bill Summary						72,894	30,559	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Miscellaneous</u>							
DB 4-174	Road reinstatement (Temporary)	m ²	284	435	182	123,540	51,688	Rate 2001
DB 4-175	Demolition of existing asphalt road surface	m ³	28	1,476	619	41,328	17,332	Rate 2001
DB 4-176	Excavation in rock including disposal of excavated material (Provisional).	m ³	2	2,387	1,001	4,774	2,002	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-177	110 mm dia	m	350	19	7	6,650	2,450	Rate 2001
	<u>Distribution Main (40-C-14: No.2067 - 2052)</u>							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-178	225 mm dia	m	800	420	176	336,000	140,800	Rate 2001
DB 4-179	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	10,665	4,473	10,665	4,473	Rate 2001
DB 4-180	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
Total of page BOQ - 660 to DB 4 Bill Summary						542,397	226,899	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-181	Horizontal Bend (dia 225-250 mm)	Nr	43	3,366	1,412	144,738	60,716	Rate 2001
DB 4-182	Tee (dia 225-250 mm)	Nr	1	11,991	5,030	11,991	5,030	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-183	Wash out	Nr	3	5,215	2,187	15,645	6,561	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-184	Sluice valve (chamber type)	Nr	2	70,758	29,682	141,516	59,364	Rate 2001
DB 4-185	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4-186	Road reinstatement (Temporary)	m ²	650	435	182	282,750	118,300	Rate 2001
Total of page BOQ - 661 to DB 4 Bill Summary						628,824	263,471	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-187	Demolition of existing asphalt road surface	m ³	65	1,476	619	95,940	40,235	Rate 2001
DB 4-188	Excavation in rock including disposal of excavated material (Provisional).	m ³	5	2,387	1,001	11,935	5,005	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-189	225 mm dia Distribution Main (40-C-15: No.2600 - 2040) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	800	25	10	20,000	8,000	Rate 2001
DB 4-190	225 mm dia	m	670	420	176	281,400	117,920	Rate 2001
DB 4-191	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	8,932	3,746	8,932	3,746	Rate 2001
DB 4-192	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
Total of page BOQ - 662 to DB 4 Bill Summary						427,927	178,983	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-193	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures. Type 'B'	Nr	1	22,942	9,623	22,942	9,623	Rate 2001
	<u>Extra over Items for River Crossings in Distribution Main</u>							
DB 4-194	Rate to Truss/Beam Bridge for additional excavation, additional shoring, cofferdam, forming embankment, rubble piching, sheet pile setting, piles, setting of DI pipe and fittings where necessary, making good of any damage to the existing structures, road or embankment Type PB-1 (L =13 m)	Nr	1	207,371	86,990	207,371	86,990	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-195	Horizontal Bend (dia 90-150 mm)	Nr	1	1,120	469	1,120	469	Rate 2001
DB 4-196	Horizontal Bend (dia 225-250 mm)	Nr	44	3,366	1,412	148,104	62,128	Rate 2001
DB 4-197	Tee (dia 90-150 mm)	Nr	2	895	375	1,790	750	Rate 2001
DB 4-198	Tee (dia 160-200 mm)	Nr	2	3,760	1,577	7,520	3,154	Rate 2001
Total of page BOQ - 663 to DB 4 Bill Summary						388,847	163,114	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Wash out in Distribution Main</u>							
DB 4-199	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings. Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
DB 4-200	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary. Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4-201	Road reinstatement (Temporary)	m ²	544	435	182	236,640	99,008	Rate 2001
DB 4-202	Demolition of existing asphalt road surface	m ³	54	1,476	619	79,704	33,426	Rate 2001
DB 4-203	Excavation in rock including disposal of excavated material (Provisional).	m ³	4	2,387	1,001	9,548	4,004	quotation
Total of page BOQ - 664 to DB 4 Bill Summary						368,506	154,312	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-204	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u> 225 mm dia	m	670	25	10	16,750	6,700	Rate 2001
DB 4-205	<u>Distribution Main (40-C-16: No.3200 - 3065)</u> <u>Depth to invert of pipes not exceeding 2.0 m</u> 160 mm dia	m	650	324	135	210,600	87,750	Rate 2001
DB 4-206	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	8,673	3,638	8,673	3,638	Rate 2001
DB 4-207	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 4-208	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures. Type 'B' <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	22,942	9,623	22,942	9,623	Rate 2001
Total of page BOQ - 665 to DB 4 Bill Summary						268,685	111,788	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-209	Horizontal Bend (dia 90-150 mm)	Nr	2	1,120	469	2,240	938	Rate 2001
DB 4-210	Horizontal Bend (dia 160-200 mm)	Nr	29	2,391	1,003	69,339	29,087	Rate 2001
DB 4-211	Tee (dia 90-150 mm)	Nr	6	895	375	5,370	2,250	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-212	Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-213	Sluice valve (box type)	Nr	3	3,375	1,415	10,125	4,245	Rate 2001
DB 4-214	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
Total of page BOQ - 666 to DB 4 Bill Summary						129,688	54,394	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Miscellaneous</u>							
DB 4-215	Road reinstatement (Temporary)	m ²	528	435	182	229,680	96,096	Rate 2001
DB 4-216	Demolition of existing asphalt road surface	m ³	52	1,476	619	76,752	32,188	Rate 2001
DB 4-217	Excavation in rock including disposal of excavated material (Provisional).	m ³	4	2,387	1,001	9,548	4,004	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-218	225 mm dia Distribution Main (40-C-17: No.3073 - 3108) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	650	25	10	16,250	6,500	Rate 2001
DB 4-219	160 mm dia	m	470	324	135	152,280	63,450	Rate 2001
DB 4-220	225 mm dia	m	720	420	176	302,400	126,720	Rate 2001
DB 4-221	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	9,472	3,973	9,472	3,973	Rate 2001
Total of page BOQ - 667 to DB 4 Bill Summary						796,382	332,931	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-222	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u> Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
DB 4-223	Type 'B' <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	4	22,942	9,623	91,768	38,492	Rate 2001
DB 4-224	Horizontal Bend (dia 160-200 mm)	Nr	20	2,391	1,003	47,820	20,060	Rate 2001
DB 4-225	Horizontal Bend (dia 225-250 mm)	Nr	33	3,366	1,412	111,078	46,596	Rate 2001
DB 4-226	Tee (dia 90-150 mm)	Nr	5	895	375	4,475	1,875	Rate 2001
DB 4-227	Tee (dia 160-200 mm) <u>Extra over Items for Wash out in Distribution Main</u>	Nr	4	3,760	1,577	15,040	6,308	Rate 2001
Total of page BOQ - 668 to DB 4 Bill Summary						289,621	121,485	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-228	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings. Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
DB 4-229	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary. Sluice valve (chamber type)	Nr	8	70,758	29,682	566,064	237,456	Rate 2001
DB 4-230	Sluice valve (box type)	Nr	7	3,375	1,415	23,625	9,905	Rate 2001
DB 4-231	Air valve (single orifice)	Nr	2	32,184	13,500	64,368	27,000	Rate 2001
	<u>Miscellaneous</u>							
DB 4-232	Road reinstatement (Temporary)	m ²	958	435	182	416,730	174,356	Rate 2001
DB 4-233	Demolition of existing asphalt road surface	m ³	95	1,476	619	140,220	58,805	Rate 2001
Total of page BOQ - 669 to DB 4 Bill Summary						1,221,437	511,896	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-234	Excavation in rock including disposal of excavated material (Provisional).	m ³	8	2,387	1,001	19,096	8,008	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-235	160 mm dia	m	470	23	9	10,810	4,230	Rate 2001
DB 4-236	225 mm dia	m	720	25	10	18,000	7,200	Rate 2001
	Distribution Main (40-C-18: No.3106 - 3069)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-237	90 mm dia	m	880	303	127	266,640	111,760	Rate 2001
DB 4-238	110 mm dia	m	250	304	127	76,000	31,750	Rate 2001
DB 4-239	160 mm dia	m	440	324	135	142,560	59,400	Rate 2001
DB 4-240	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	11,733	4,921	11,733	4,921	Rate 2001
DB 4-241	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	3	9,720	4,077	29,160	12,231	Rate 2001
Total of page BOQ - 670 to DB 4 Bill Summary						573,999	239,500	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Culvert Crossings in Distribution Main</u>							
	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.							
DB 4-242	Type 'B'	Nr	7	22,942	9,623	160,594	67,361	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-243	Horizontal Bend (dia 90-150 mm)	Nr	56	1,120	469	62,720	26,264	Rate 2001
DB 4-244	Horizontal Bend (dia 160-200 mm)	Nr	22	2,391	1,003	52,602	22,066	Rate 2001
DB 4-245	Tee (dia 90-150 mm)	Nr	4	895	375	3,580	1,500	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-246	Wash out	Nr	4	5,215	2,187	20,860	8,748	Rate 2001
Total of page BOQ - 671 to DB 4 Bill Summary						300,356	125,939	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-247	Sluice valve (box type)	Nr	6	3,375	1,415	20,250	8,490	Rate 2001
DB 4-248	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4-249	Road reinstatement (Temporary)	m ²	1,275	435	182	554,625	232,050	Rate 2001
DB 4-250	Demolition of existing asphalt road surface	m ³	127	1,476	619	187,452	78,613	Rate 2001
DB 4-251	Excavation in rock including disposal of excavated material (Provisional).	m ³	11	2,387	1,001	26,257	11,011	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-252	90 mm dia	m	880	15	6	13,200	5,280	Rate 2001
DB 4-253	110 mm dia	m	250	19	7	4,750	1,750	Rate 2001
Total of page BOQ - 672 to DB 4 Bill Summary						838,718	350,694	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-254	160 mm dia Distribution Main (40-C-19: No.3117 - 3118) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	440	23	9	10,120	3,960	Rate 2001
DB 4-255	90 mm dia	m	300	303	127	90,900	38,100	Rate 2001
DB 4-256	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	4,005	1,680	4,005	1,680	Rate 2001
DB 4-257	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u> Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 4-258	Type 'B' <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
Total of page BOQ - 673 to DB 4 Bill Summary						160,629	67,063	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-259	Horizontal Bend (dia 90-150 mm)	Nr	11	1,120	469	12,320	5,159	Rate 2001
DB 4-260	Tee (dia 90-150 mm)	Nr	1	895	375	895	375	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-261	Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-262	Sluice valve (box type)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
	<u>Miscellaneous</u>							
DB 4-263	Road reinstatement (Temporary)	m ²	243	435	182	105,705	44,226	Rate 2001
DB 4-264	Demolition of existing asphalt road surface	m ³	24	1,476	619	35,424	14,856	Rate 2001
Total of page BOQ - 674 to DB 4 Bill Summary						171,524	71,820	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-265	Excavation in rock including disposal of excavated material (Provisional).	m ³	2	2,387	1,001	4,774	2,002	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-266	90 mm dia Distribution Main (40-C-20: No.4100 - 4018) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	300	15	6	4,500	1,800	Rate 2001
DB 4-267	225 mm dia	m	1,030	420	176	432,600	181,280	Rate 2001
DB 4-268	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	13,736	5,762	13,736	5,762	Rate 2001
DB 4-269	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u> Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
DB 4-270	Type 'B'	Nr	4	22,942	9,623	91,768	38,492	Rate 2001
Total of page BOQ - 675 to DB 4 Bill Summary						566,818	237,490	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-271	Horizontal Bend (dia 225-250 mm)	Nr	45	3,366	1,412	151,470	63,540	Rate 2001
DB 4-272	Tee (dia 90-150 mm)	Nr	2	895	375	1,790	750	Rate 2001
DB 4-273	Tee (dia 160-200 mm)	Nr	5	3,760	1,577	18,800	7,885	Rate 2001
DB 4-274	Tee (dia 225-250 mm)	Nr	1	11,991	5,030	11,991	5,030	Rate 2001
DB 4-275	Taper (dia 225-250 mm)	Nr	1	2,790	1,170	2,790	1,170	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-276	Wash out	Nr	3	5,215	2,187	15,645	6,561	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
Total of page BOQ - 676 to DB 4 Bill Summary						202,486	84,936	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-277	Air valve (single orifice)	Nr	2	32,184	13,500	64,368	27,000	Rate 2001
	<u>Miscellaneous</u>							
DB 4-278	Road reinstatement (Temporary)	m ²	836	435	182	363,660	152,152	Rate 2001
DB 4-279	Demolition of existing asphalt road surface	m ³	83	1,476	619	122,508	51,377	Rate 2001
DB 4-280	Excavation in rock including disposal of excavated material (Provisional).	m ³	7	2,387	1,001	16,709	7,007	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-281	225 mm dia	m	1,030	25	10	25,750	10,300	Rate 2001
	<u>Distribution Main (40-C-21: 4200 - 4018)</u>							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-282	225 mm dia	m	1,090	420	176	457,800	191,840	Rate 2001
DB 4-283	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	14,535	6,097	14,535	6,097	Rate 2001
DB 4-284	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	2	9,720	4,077	19,440	8,154	Rate 2001
Total of page BOQ - 677 to DB 4 Bill Summary						1,084,770	453,927	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Culvert Crossings in Distribution Main</u>							
	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.							
DB 4-285	Type 'B'	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-286	Horizontal Bend (dia 160-200 mm)	Nr	1	2,391	1,003	2,391	1,003	Rate 2001
DB 4-287	Horizontal Bend (dia 225-250 mm)	Nr	54	3,366	1,412	181,764	76,248	Rate 2001
DB 4-288	Tee (dia 160-200 mm)	Nr	3	3,760	1,577	11,280	4,731	Rate 2001
DB 4-289	Taper (dia 160-200 mm)	Nr	2	1,784	748	3,568	1,496	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
Total of page BOQ - 678 to DB 4 Bill Summary						244,887	102,724	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-290	Wash out <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	4	5,215	2,187	20,860	8,748	Rate 2001
DB 4-291	Air valve (single orifice)	Nr	3	32,184	13,500	96,552	40,500	Rate 2001
DB 4-292	Sluice Valve (Valve Box)	Nr	1	3,375	1,415	3,375	1,415	Rate 2001
DB 4-293	Sluice Valve (Chamber)	Nr	3	70,758	29,682	212,274	89,046	Rate 2001
	<u>Miscellaneous</u>							
DB 4-294	Road reinstatement (Temporary)	m ²	885	435	182	384,975	161,070	Rate 2001
DB 4-295	Demolition of existing asphalt road surface	m ³	88	1,476	619	129,888	54,472	Rate 2001
DB 4-296	Excavation in rock including disposal of excavated material (Provisional). <u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>	m ³	7	2,387	1,001	16,709	7,007	quotation
Total of page BOQ - 679 to DB 4 Bill Summary						864,633	362,258	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-297	225 mm dia Distribution Main (40-C-23: No.5055 - 5046) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	1,090	25	10	27,250	10,900	Rate 2001
DB 4-298	90 mm dia	m	440	303	127	133,320	55,880	Rate 2001
DB 4-299	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	5,872	2,463	5,872	2,463	Rate 2001
DB 4-300	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 4-301	Horizontal Bend (dia 90-150 mm)	Nr	21	1,120	469	23,520	9,849	Rate 2001
DB 4-302	Tee (dia 90-150 mm)	Nr	1	895	375	895	375	Rate 2001
DB 4-303	Taper (dia 90-150 mm)	Nr	1	282	118	282	118	Rate 2001
Total of page BOQ - 680 to DB 4 Bill Summary						200,859	83,662	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-304	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-305	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
	<u>Miscellaneous</u>							
DB 4-306	Road reinstatement (Temporary)	m ²	357	435	182	155,295	64,974	Rate 2001
DB 4-307	Demolition of existing asphalt road surface	m ³	35	1,476	619	51,660	21,665	Rate 2001
DB 4-308	Excavation in rock including disposal of excavated material (Provisional).	m ³	3	2,387	1,001	7,161	3,003	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
Total of page BOQ - 681 to DB 4 Bill Summary						251,515	105,329	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-309	90 mm dia Distribution Main (40-C-24: No.6100 - 6019) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	440	15	6	6,600	2,640	Rate 2001
DB 4-310	225 mm dia	m	170	420	176	71,400	29,920	Rate 2001
DB 4-311	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering) <u>Extra over Items for Thrust block in Distribution Main</u>	Item	1	1,338	561	1,338	561	Rate 2001
DB 4-312	Horizontal Bend (dia 225-250 mm)	Nr	5	3,366	1,412	16,830	7,060	Rate 2001
DB 4-313	Tee (dia 90-150 mm)	Nr	1	895	375	895	375	Rate 2001
DB 4-314	Tee (dia 160-200 mm)	Nr	1	3,760	1,577	3,760	1,577	Rate 2001
DB 4-315	Tee (dia 225-250 mm)	Nr	2	11,991	5,030	23,982	10,060	Rate 2001
DB 4-316	Taper (dia 90-150 mm)	Nr	1	282	118	282	118	Rate 2001
Total of page BOQ - 682 to DB 4 Bill Summary						125,087	52,311	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-317	Taper (dia 160-200 mm)	Nr	1	1,784	748	1,784	748	Rate 2001
DB 4-318	Taper (dia 225-250 mm)	Nr	2	2,790	1,170	5,580	2,340	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-319	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
DB 4-320	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-321	Sluice Valve (Valve Box)	Nr	1	3,375	1,415	3,375	1,415	Rate 2001
DB 4-322	Sluice Valve (Chamber)	Nr	4	70,758	29,682	283,032	118,728	Rate 2001
	<u>Miscellaneous</u>							
Total of page BOQ - 683 to DB 4 Bill Summary						298,986	125,418	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-323	Road reinstatement (Temporary)	m ²	81	435	182	35,235	14,742	Rate 2001
DB 4-324	Demolition of existing asphalt road surface	m ³	8	1,476	619	11,808	4,952	Rate 2001
DB 4-325	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-326	225 mm dia Distribution Main (40-C-26: No.7105 - 7044) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	170	25	10	4,250	1,700	Rate 2001
DB 4-327	225 mm dia	m	350	420	176	147,000	61,600	Rate 2001
DB 4-328	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	4,668	1,958	4,668	1,958	Rate 2001
DB 4-329	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
Total of page BOQ - 684 to DB 4 Bill Summary						215,068	90,030	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-330	Horizontal Bend (dia 225-250 mm)	Nr	14	3,366	1,412	47,124	19,768	Rate 2001
DB 4-331	Tee (dia 90-150 mm)	Nr	1	895	375	895	375	Rate 2001
DB 4-332	Taper (dia 90-150 mm)	Nr	1	282	118	282	118	Rate 2001
DB 4-333	Taper (dia 160-200 mm)	Nr	1	1,784	748	1,784	748	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-334	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-335	Sluice Valve (Valve Box)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
	<u>Miscellaneous</u>							
Total of page BOQ - 685 to DB 4 Bill Summary						62,050	26,026	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-336	Road reinstatement (Temporary)	m ²	284	435	182	123,540	51,688	Rate 2001
DB 4-337	Demolition of existing asphalt road surface	m ³	28	1,476	619	41,328	17,332	Rate 2001
DB 4-338	Excavation in rock including disposal of excavated material (Provisional).	m ³	2	2,387	1,001	4,774	2,002	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-339	225 mm dia Distribution Main (40-C-27: No.8200 - 8087) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	350	25	10	8,750	3,500	Rate 2001
DB 4-340	225 mm dia	m	670	420	176	281,400	117,920	Rate 2001
DB 4-341	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	8,932	3,746	8,932	3,746	Rate 2001
DB 4-342	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
Total of page BOQ - 686 to DB 4 Bill Summary						478,444	200,265	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-343	Horizontal Bend (dia 225-250 mm)	Nr	37	3,366	1,412	124,542	52,244	Rate 2001
DB 4-344	Tee (dia 90-150 mm)	Nr	1	895	375	895	375	Rate 2001
DB 4-345	Tee (dia 225-250 mm)	Nr	1	11,991	5,030	11,991	5,030	Rate 2001
DB 4-346	Taper (dia 160-200 mm)	Nr	2	1,784	748	3,568	1,496	Rate 2001
DB 4-347	Taper (dia 225-250 mm)	Nr	2	2,790	1,170	5,580	2,340	Rate 2001
	<u>Miscellaneous</u>							
DB 4-349	Road reinstatement (Temporary)	m ²	544	435	182	236,640	99,008	Rate 2001
DB 4-350	Demolition of existing asphalt road surface	m ³	54	1,476	619	79,704	33,426	Rate 2001
DB 4-351	Excavation in rock including disposal of excavated material (Provisional).	m ³	4	2,387	1,001	9,548	4,004	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-352	225 mm dia Distribution Main (40-C-28: No.8024 - 8094)	m	670	25	10	16,750	6,700	Rate 2001
Total of page BOQ - 687 to DB 4 Bill Summary						489,218	204,623	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-353	160 mm dia	m	430	324	135	139,320	58,050	Rate 2001
DB 4-354	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	5,737	2,406	5,737	2,406	Rate 2001
DB 4-355	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Culvert Crossings in Distribution Main</u>							
	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.							
DB 4-356	Type 'B'	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-357	Horizontal Bend (dia 160-200 mm)	Nr	18	2,391	1,003	43,038	18,054	Rate 2001
DB 4-358	Tee (dia 90-150 mm)	Nr	3	895	375	2,685	1,125	Rate 2001
Total of page BOQ - 688 to DB 4 Bill Summary						246,384	102,958	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-359	Taper (dia 90-150 mm) <u>Extra over Items for Wash out in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.	Nr	4	282	118	1,128	472	Rate 2001
DB 4-360	Wash out <u>Extra over Items for Valve chamber in Distribution Main</u> Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
DB 4-361	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
DB 4-362	Sluice Valve (Chamber)	Nr	1	70,758	29,682	70,758	29,682	Rate 2001
DB 4-363	Sluice Valve (Valve Box) <u>Miscellaneous</u>	Nr	3	3,375	1,415	10,125	4,245	Rate 2001
Total of page BOQ - 689 to DB 4 Bill Summary						119,410	50,086	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-364	Road reinstatement (Temporary)	m ²	296	435	182	128,760	53,872	Rate 2001
DB 4-365	Demolition of existing asphalt road surface	m ³	29	1,476	619	42,804	17,951	Rate 2001
DB 4-366	Excavation in rock including disposal of excavated material (Provisional).	m ³	3	2,387	1,001	7,161	3,003	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-367	160 mm dia Distribution Main (40-C-29: No.8089 - 8088) <u>Depth to invert of pipes not exceeding 2.0 m</u>	m	430	23	9	9,890	3,870	Rate 2001
DB 4-368	160 mm dia	m	540	324	135	174,960	72,900	Rate 2001
DB 4-369	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	7,200	3,020	7,200	3,020	Rate 2001
DB 4-370	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u>	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
Total of page BOQ - 690 to DB 4 Bill Summary						380,495	158,693	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-371	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures. Type 'B'	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-372	Horizontal Bend (dia 90-150 mm)	Nr	1	1,120	469	1,120	469	Rate 2001
DB 4-373	Horizontal Bend (dia 160-200 mm)	Nr	11	2,391	1,003	26,301	11,033	Rate 2001
DB 4-374	Tee (dia 90-150 mm)	Nr	2	895	375	1,790	750	Rate 2001
DB 4-375	Taper(dia 90-150 mm)	Nr	6	282	118	1,692	708	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
DB 4-376	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings. Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
Total of page BOQ - 691 to DB 4 Bill Summary						82,002	34,393	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
DB 4-377	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-378	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
DB 4-379	Sluice valve (Valve Box)	Nr	4	3,375	1,415	13,500	5,660	Rate 2001
	<u>Miscellaneous</u>							
DB 4-380	Road reinstatement (Temporary)	m ²	372	435	182	161,820	67,704	Rate 2001
DB 4-381	Demolition of existing asphalt road surface	m ³	37	1,476	619	54,612	22,903	Rate 2001
DB 4-382	Excavation in rock including disposal of excavated material (Provisional).	m ³	3	2,387	1,001	7,161	3,003	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-383	160 mm dia	m	540	23	9	12,420	4,860	Rate 2001
	Distribution Main (40-C-31: No.10300 - 10049)							
Total of page BOQ - 692 to DB 4 Bill Summary						281,697	117,630	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-384	225 mm dia	m	380	420	176	159,600	66,880	Rate 2001
DB 4-385	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	5,073	2,128	5,073	2,128	Rate 2001
DB 4-386	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Culvert Crossings in Distribution Main</u>							
	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.							
DB 4-387	Type 'B'	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-388	Horizontal Bend (dia 90-150 mm)	Nr	1	1,120	469	1,120	469	Rate 2001
DB 4-389	Horizontal Bend (dia 225-250 mm)	Nr	33	3,366	1,412	111,078	46,596	Rate 2001
Total of page BOQ - 693 to DB 4 Bill Summary						332,475	139,396	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-390	Vertical Bend (dia 160-200 mm)	Nr	1	15,921	6,678	15,921	6,678	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
DB 4-391	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-392	Sluice Valve (Chamber)	Nr	5	70,758	29,682	353,790	148,410	Rate 2001
DB 4-393	Sluice Valve (Valve Box)	Nr	1	3,375	1,415	3,375	1,415	Rate 2001
	<u>Miscellaneous</u>							
DB 4-394	Road reinstatement (Temporary)	m ²	308	435	182	133,980	56,056	Rate 2001
DB 4-395	Demolition of existing asphalt road surface	m ³	30	1,476	619	44,280	18,570	Rate 2001
DB 4-396	Excavation in rock including disposal of excavated material (Provisional).	m ³	2	2,387	1,001	4,774	2,002	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-397	225 mm dia	m	380	25	10	9,500	3,800	Rate 2001
Total of page BOQ - 694 to DB 4 Bill Summary						565,620	236,931	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Distribution Main (40-C-32: No.11001 - 11002)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-398	110 mm dia	m	340	304	127	103,360	43,180	Rate 2001
DB 4-399	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	4,533	1,901	4,533	1,901	Rate 2001
DB 4-400	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-401	Horizontal Bend (dia 90-150 mm)	Nr	16	1,120	469	17,920	7,504	Rate 2001
DB 4-402	Tee (dia 90-150 mm)	Nr	1	895	375	895	375	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-403	Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
Total of page BOQ - 695 to DB 4 Bill Summary						141,643	59,224	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-404	Sluice Valve (Valve Box)	Nr	4	3,375	1,415	13,500	5,660	Rate 2001
	<u>Miscellaneous</u>							
DB 4-405	Road reinstatement (Temporary)	m ²	234	435	182	101,790	42,588	Rate 2001
DB 4-406	Demolition of existing asphalt road surface	m ³	23	1,476	619	33,948	14,237	Rate 2001
DB 4-407	Excavation in rock including disposal of excavated material (Provisional).	m ³	2	2,387	1,001	4,774	2,002	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-408	110 mm dia	m	340	19	7	6,460	2,380	Rate 2001
	<u>Distribution Main (40-C-33: No.11100 - 11017)</u>							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-409	160 mm dia	m	370	324	135	119,880	49,950	Rate 2001
Total of page BOQ - 696 to DB 4 Bill Summary						280,352	116,817	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-410	225 mm dia	m	140	420	176	58,800	24,640	Rate 2001
DB 4-411	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	1,867	783	1,867	783	Rate 2001
DB 4-412	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition <u>Extra over Items for Culvert Crossings in Distribution Main</u> Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
DB 4-413	Type 'B' <u>Extra over Items for Thrust block in Distribution Main</u>	Nr	2	22,942	9,623	45,884	19,246	Rate 2001
DB 4-414	Horizontal Bend (dia 160-200 mm)	Nr	26	2,391	1,003	62,166	26,078	Rate 2001
DB 4-415	Horizontal Bend (dia 225-250 mm) <u>Extra over Items for Wash out in Distribution Main</u>	Nr	11	3,366	1,412	37,026	15,532	Rate 2001
Total of page BOQ - 697 to DB 4 Bill Summary						215,463	90,356	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-416	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings. Wash out	Nr	1	5,215	2,187	5,215	2,187	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-417	Air valve (single orifice)	Nr	1	32,184	13,500	32,184	13,500	Rate 2001
DB 4-418	Sluice Valve (Valve Box)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
	<u>Miscellaneous</u>							
DB 4-419	Road reinstatement (Temporary)	m ²	369	435	182	160,515	67,158	Rate 2001
DB 4-420	Demolition of existing asphalt road surface	m ³	36	1,476	619	53,136	22,284	Rate 2001
DB 4-421	Excavation in rock including disposal of excavated material (Provisional).	m ³	3	2,387	1,001	7,161	3,003	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
Total of page BOQ - 698 to DB 4 Bill Summary						264,961	110,962	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-422	160 mm dia	m	370	23	9	8,510	3,330	Rate 2001
DB 4-423	225 mm dia	m	140	25	10	3,500	1,400	Rate 2001
	Distribution Main (40-C-34: No.11001 - 11002)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-424	110 mm dia	m	600	304	127	182,400	76,200	Rate 2001
DB 4-425	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	7,998	3,355	7,998	3,355	Rate 2001
DB 4-426	Provide the test pits (2mx2mx2m depth) to investigate the existing utilities and soil condition	Nr	1	9,720	4,077	9,720	4,077	Rate 2001
	<u>Extra over Items for Culvert Crossings in Distribution Main</u>							
	Rate to include for additional excavation, additional shoring, coffer-damming, forming of embankment, rubble pitching, breaking into existing structures, Installation of DI pipes and fittings where necessary, making good of any damage to the existing structures.							
DB 4-427	Type 'B'	Nr	5	22,942	9,623	114,710	48,115	Rate 2001
Total of page BOQ - 699 to DB 4 Bill Summary						326,838	136,477	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-428	Horizontal Bend (dia 90-150 mm)	Nr	27	1,120	469	30,240	12,663	Rate 2001
	<u>Extra over Items for Wash out in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks for invert tee, valve and bends, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary, as shown on the standered drawings.							
DB 4-429	Wash out	Nr	2	5,215	2,187	10,430	4,374	Rate 2001
	<u>Miscellaneous</u>							
DB 4-430	Road reinstatement (Temporary)	m ²	414	435	182	180,090	75,348	Rate 2001
DB 4-431	Demolition of existing asphalt road surface	m ³	41	1,476	619	60,516	25,379	Rate 2001
DB 4-432	Excavation in rock including disposal of excavated material (Provisional).	m ³	4	2,387	1,001	9,548	4,004	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-433	110 mm dia	m	600	19	7	11,400	4,200	Rate 2001
Total of page BOQ - 700 to DB 4 Bill Summary						302,224	125,968	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
	Distribution Main (40-C-36: No.12003 - 12004)							
	<u>Depth to invert of pipes not exceeding 2.0 m</u>							
DB 4-434	110 mm dia	m	160	304	127	48,640	20,320	Rate 2001
DB 4-435	Reinstatement of damages for retaining walls, parapet walls, drains, gurd stones, private access etc. (Contractor should visit the site before the rendering)	Item	1	2,137	896	2,137	896	Rate 2001
	<u>Extra over Items for Thrust block in Distribution Main</u>							
DB 4-436	Horizontal Bend (dia 90-150 mm)	Nr	6	1,120	469	6,720	2,814	Rate 2001
	<u>Extra over Items for Valve chamber in Distribution Main</u>							
	Rate to include for additional excavation, shoring, dewatering, construction of concrete thrust blocks, if necessary, and all necessary items of work required for complete installation of fittings, and protection of joints where necessary.							
DB 4-437	Sluice Valve (Valve Box)	Nr	2	3,375	1,415	6,750	2,830	Rate 2001
	<u>Miscellaneous</u>							
Total of page BOQ - 701 to DB 4 Bill Summary						64,247	26,860	

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.DB 4: Laying of PVC Pipes/Fittings

DISTRIBUTION

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE		TOTAL AMOUNT		remarks
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	
DB 4-438	Road reinstatement (Temporary)	m ²	110	435	182	47,850	20,020	Rate 2001
DB 4-439	Demolition of existing asphalt road surface	m ³	11	1,476	619	16,236	6,809	Rate 2001
DB 4-440	Excavation in rock including disposal of excavated material (Provisional).	m ³	1	2,387	1,001	2,387	1,001	quotation
	<u>Field Hydrostatic Pressure and Leakage Test, Disinfection and Cleaning of Pipeline as Specified.</u>							
DB 4-441	110 mm dia	m	160	19	7	3,040	1,120	Rate 2001
Total of page BOQ - 702 to DB 4 Bill Summary						69,513	28,950	

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 2 - Sum

Supply of PVC Pipes/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
DB 2	Page BOQ - 604 of Bill DB 2	22,990,540	9,638,260
DB2-SUM	Total of DB 2 to Bill Summary	22,990,540	9,638,260

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 3 - Sum

Laying of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
DB 3	Page BOQ - 605 of Bill DB 3	820,924	344,090
	Page BOQ - 606 of Bill DB 3	511,241	214,453
	Page BOQ - 607 of Bill DB 3	1,205,929	504,581
	Page BOQ - 608 of Bill DB 3	279,198	117,051
	Page BOQ - 609 of Bill DB 3	700,289	293,524
	Page BOQ - 610 of Bill DB 3	789,996	331,385
	Page BOQ - 611 of Bill DB 3	795,953	333,425
	Page BOQ - 612 of Bill DB 3	163,055	68,341
	Page BOQ - 613 of Bill DB 3	141,624	59,218
	Page BOQ - 614 of Bill DB 3	210,081	87,998
	Page BOQ - 615 of Bill DB 3	1,220,250	511,533
	Page BOQ - 616 of Bill DB 3	132,300	55,302
	Page BOQ - 617 of Bill DB 3	121,613	50,900
	Carried Forward	7,092,453	2,971,801

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 3 - Sum

Laying of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	7,092,453	2,971,801
DB 3	Page BOQ - 618 of Bill DB 3	109,335	45,754
	Page BOQ - 619 of Bill DB 3	353,096	148,063
	Page BOQ - 620 of Bill DB 3	444,600	186,415
	Page BOQ - 621 of Bill DB 3	312,693	130,948
	Page BOQ - 622 of Bill DB 3	153,109	64,221
	Page BOQ - 623 of Bill DB 3	240,167	100,420
	Page BOQ - 624 of Bill DB 3	319,365	133,785
	Page BOQ - 625 of Bill DB 3	2,448,524	1,026,729
	Page BOQ - 626 of Bill DB 3	2,449,777	1,027,612
	Page BOQ - 627 of Bill DB 3	1,868,760	781,444
	Page BOQ - 628 of Bill DB 3	576,451	241,484
	Page BOQ - 629 of Bill DB 3	513,395	215,247
	Page BOQ - 630 of Bill DB 3	17,934	7,322
DB3-SUM	Total of DB 3 to Bill Summary	16,899,659	7,081,245

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 4 - Sum

Laying of PVC Pipes/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
DB 4	Page BOQ - 631 of Bill DB 4	416,816	174,515
	Page BOQ - 632 of Bill DB 4	422,700	177,307
	Page BOQ - 633 of Bill DB 4	818,819	342,195
	Page BOQ - 634 of Bill DB 4	250,243	104,931
	Page BOQ - 635 of Bill DB 4	569,250	237,792
	Page BOQ - 636 of Bill DB 4	493,677	206,869
	Page BOQ - 637 of Bill DB 4	580,241	242,952
	Page BOQ - 638 of Bill DB 4	168,453	70,290
	Page BOQ - 639 of Bill DB 4	267,115	111,956
	Page BOQ - 640 of Bill DB 4	505,162	211,277
	Page BOQ - 641 of Bill DB 4	362,916	152,236
	Page BOQ - 642 of Bill DB 4	438,175	182,835
	Page BOQ - 643 of Bill DB 4	511,251	214,298
	Carried Forward	5,804,818	2,429,453

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 4 - Sum

Laying of PVC Pipes/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	5,804,818	2,429,453
DB 4	Page BOQ - 644 of Bill DB 4	234,957	98,222
	Page BOQ - 645 of Bill DB 4	251,104	105,156
	Page BOQ - 646 of Bill DB 4	251,104	105,156
	Page BOQ - 647 of Bill DB 4	294,680	123,606
	Page BOQ - 648 of Bill DB 4	437,543	183,539
	Page BOQ - 649 of Bill DB 4	873,916	365,024
	Page BOQ - 650 of Bill DB 4	67,378	28,244
	Page BOQ - 651 of Bill DB 4	1,163,117	485,335
	Page BOQ - 652 of Bill DB 4	549,840	230,607
	Page BOQ - 653 of Bill DB 4	1,152,883	482,743
	Page BOQ - 654 of Bill DB 4	187,015	77,055
	Page BOQ - 655 of Bill DB 4	249,104	104,378
	Page BOQ - 656 of Bill DB 4	206,001	86,119
	Carried Forward	11,723,460	4,904,637

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 4 - Sum

Laying of PVC Pipes/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	11,723,460	4,904,637
DB 4	Page BOQ - 657 of Bill DB 4	79,219	33,209
	Page BOQ - 658 of Bill DB 4	732,503	306,289
	Page BOQ - 659 of Bill DB 4	72,894	30,559
	Page BOQ - 660 of Bill DB 4	542,397	226,899
	Page BOQ - 661 of Bill DB 4	628,824	263,471
	Page BOQ - 662 of Bill DB 4	427,927	178,983
	Page BOQ - 663 of Bill DB 4	388,847	163,114
	Page BOQ - 664 of Bill DB 4	368,506	154,312
	Page BOQ - 665 of Bill DB 4	268,685	111,788
	Page BOQ - 666 of Bill DB 4	129,688	54,394
	Page BOQ - 667 of Bill DB 4	796,382	332,931
	Page BOQ - 668 of Bill DB 4	289,621	121,485
	Page BOQ - 669 of Bill DB 4	1,221,437	511,896
	Carried Forward	17,670,390	7,393,967

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 4 - Sum

Laying of PVC Pipes/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	17,670,390	7,393,967
DB 4	Page BOQ - 670 of Bill DB 4	573,999	239,500
	Page BOQ - 671 of Bill DB 4	300,356	125,939
	Page BOQ - 672 of Bill DB 4	838,718	350,694
	Page BOQ - 673 of Bill DB 4	160,629	67,063
	Page BOQ - 674 of Bill DB 4	171,524	71,820
	Page BOQ - 675 of Bill DB 4	566,818	237,490
	Page BOQ - 676 of Bill DB 4	202,486	84,936
	Page BOQ - 677 of Bill DB 4	1,084,770	453,927
	Page BOQ - 678 of Bill DB 4	244,887	102,724
	Page BOQ - 679 of Bill DB 4	864,633	362,258
	Page BOQ - 680 of Bill DB 4	200,859	83,662
	Page BOQ - 681 of Bill DB 4	251,515	105,329
	Page BOQ - 682 of Bill DB 4	125,087	52,311
	Carried Forward	23,256,671	9,731,620

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 4 - Sum

Laying of PVC Pipes/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	23,256,671	9,731,620
DB 4	Page BOQ - 683 of Bill DB 4	298,986	125,418
	Page BOQ - 684 of Bill DB 4	215,068	90,030
	Page BOQ - 685 of Bill DB 4	62,050	26,026
	Page BOQ - 686 of Bill DB 4	478,444	200,265
	Page BOQ - 687 of Bill DB 4	489,218	204,623
	Page BOQ - 688 of Bill DB 4	246,384	102,958
	Page BOQ - 689 of Bill DB 4	119,410	50,086
	Page BOQ - 690 of Bill DB 4	380,495	158,693
	Page BOQ - 691 of Bill DB 4	82,002	34,393
	Page BOQ - 692 of Bill DB 4	281,697	117,630
	Page BOQ - 693 of Bill DB 4	332,475	139,396
	Page BOQ - 694 of Bill DB 4	565,620	236,931
	Page BOQ - 695 of Bill DB 4	141,643	59,224
	Carried Forward	26,950,163	11,277,293

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 4 - Sum

Laying of PVC Pipes/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT	
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen
	Brought Forward	26,950,163	11,277,293
DB 4	Page BOQ - 696 of Bill DB 4	280,352	116,817
	Page BOQ - 697 of Bill DB 4	215,463	90,356
	Page BOQ - 698 of Bill DB 4	264,961	110,962
	Page BOQ - 699 of Bill DB 4	326,838	136,477
	Page BOQ - 700 of Bill DB 4	302,224	125,968
	Page BOQ - 701 of Bill DB 4	64,247	26,860
	Page BOQ - 702 of Bill DB 4	69,513	28,950
DB4-SUM	Total of DB 4 to Bill Summary	28,473,761	11,913,683

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 1 - Sum

Supply of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
DB 1	Page BOQ - 574 of Bill DB 1	2,873,500	9,348,586	2,555,298
	Page BOQ - 575 of Bill DB 1	189,943	617,975	168,948
	Page BOQ - 576 of Bill DB 1	389,463	1,267,060	346,386
	Page BOQ - 577 of Bill DB 1	117,005	380,670	104,068
	Page BOQ - 578 of Bill DB 1	778,979	2,534,448	692,938
	Page BOQ - 579 of Bill DB 1	299,732	975,097	266,598
	Page BOQ - 580 of Bill DB 1	2,029,303	6,602,388	1,805,145
	Page BOQ - 581 of Bill DB 1	339,132	1,103,291	301,643
	Page BOQ - 582 of Bill DB 1	664,902	2,163,117	591,327
	Page BOQ - 583 of Bill DB 1	283,609	922,659	252,256
	Page BOQ - 584 of Bill DB 1	855,276	2,782,348	760,710
	Page BOQ - 585 of Bill DB 1	259,286	843,816	230,610
	Page BOQ - 586 of Bill DB 1	771,767	2,510,891	686,328
	Page BOQ - 587 of Bill DB 1	353,591	1,150,328	314,501
	Page BOQ - 588 of Bill DB 1	1,144,653	3,723,764	1,017,993
	Page BOQ - 589 of Bill DB 1	292,425	951,609	260,086
	Page BOQ - 590 of Bill DB 1	250,354	814,507	222,647
	Page BOQ - 591 of Bill DB 1	284,890	926,782	253,386
	Page BOQ - 592 of Bill DB 1	793,633	2,581,979	705,853
	Page BOQ - 593 of Bill DB 1	905,238	2,945,024	805,052
	Page BOQ - 594 of Bill DB 1	164,449	534,989	146,264
	Carried Forward	14,041,130	45,681,328	12,488,037

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB 1 - Sum

Supply of DI Pipes/Valves/Fittings

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
	Brought Forward	14,041,130	45,681,328	12,488,037
DB 1	Page BOQ - 595 of Bill DB 1	865,615	2,816,161	769,771
	Page BOQ - 596 of Bill DB 1	11,883,107	38,657,431	10,568,922
	Page BOQ - 597 of Bill DB 1	816,739	2,656,878	726,430
	Page BOQ - 598 of Bill DB 1	2,350,655	7,647,056	2,090,528
	Page BOQ - 599 of Bill DB 1	772,121	2,511,890	686,761
	Page BOQ - 600 of Bill DB 1	1,387,336	4,513,652	1,233,984
	Page BOQ - 601 of Bill DB 1	383,633	1,248,043	341,207
	Page BOQ - 602 of Bill DB 1	2,734,408	8,895,456	2,432,046
	Page BOQ - 603 of Bill DB 1	420,727	1,368,657	374,209
DB1-SUM	Total of DB 1 to Bill Summary	35,655,471	115,996,552	31,711,895

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.DB - Sum

DISTRIBUTION

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
DB 1	Supply of DI Pipes/Valves/Fittings	35,655,471	115,996,552	31,711,895
DB 2	Supply of PVC Pipes/Fittings	22,990,540	9,638,260	-
DB 3	Laying of DI Pipes/Valves/Fittings	16,899,659	7,081,245	-
DB 4	Laying of PVC Pipes/Fittings	28,473,761	11,913,683	-
DB-SUM	Total of Distribution to Bill Summary	104,019,431	144,629,740	31,711,895

GREATER KANDY WATER SUPPLY PROJECT

BILL OF QUANTITIES

BILL No.MM 1: Supply of Material/Goods

MAINTENANCE MATERIALS

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE			TOTAL AMOUNT			remarks	
				LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs	LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs		
	Maintenance materials include all/main nessesary goods for pipe repair, operation, work shop, water quility analysis.										
	For WTP Maintenance Works										
MM 1 - 1	Backhoe Loader 0.2m ³ (Caterpillar)	Nr	1	1,664,388	9,009,000	1,198,359	1,664,388	9,009,000	1,198,359	quotation	
	For Water Quality Analysis										
MM 1 - 2	Laboratory Equipment and Fittings - Physical/chemical Laboratory - as depicted in Specification.	Item	Sum	8,276,678	40,000,000	6,207,508	8,276,678	40,000,000	6,207,508	quotation	
Total of page BOQ - 715 to MM 1 Bill Summary								9,941,066	49,009,000	7,405,868	

GREATER KANDY WATER SUPPLY PROJECT

SUMMARY OF BILL OF QUANTITIES

BILL No.MM 1 - Sum

Supply of Material/Goods

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
MM 1	Page BOQ - 715 of Bill MM 1	9,941,066	49,009,000	7,405,868
MM1-SUM	Total of MM 1 to Bill Summary	9,941,066	49,009,000	7,405,868

BILL No.MM - Sum

MAINTENANCE MATERIALS

BOQ Bill No	PAGE TOTAL	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
MM 1	Supply of Material/Goods	9,941,066	49,009,000	7,405,868
MM-SUM	Total of Maintenance Materials to Bill Summary	9,941,066	49,009,000	7,405,868

**GREATER KANDY WATER SUPPLY PROJECT
SUMMARY OF BILL OF QUANTITIES**

BILL No : GRAND-SUM

GRAND SUMMARY

BOQ Bill No	BILL DESCRIPTION	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
GN-SUM	Total of General to Grand Summary	238,766,118	118,515,977	Not Entitled
IN-SUM	Total of INTAKE/RWPS/BT to Grand Summary	231,563,644	380,323,693	43,493,618
RT-SUM	Total of Raw Water Transmission Main to Grand Summary	39,170,087	89,133,767	22,828,719
TP-SUM	Total of WTP to Grand Summary	770,187,583	1,347,779,846	167,663,425
TM-SUM	Total of Transmission Main to Grand Summary	312,618,978	641,436,192	159,140,591
SR-SUM	Total of Service Reservoir to Bill Summary	309,395,783	327,689,189	56,450,741
DB-SUM	Total of Distribution to Bill Summary	104,019,431	144,629,740	31,711,895
MM-SUM	Total of Maintenance Materials to Bill Summary	9,941,066	49,009,000	7,405,868
	Grand Total of above summaries	2,015,662,690	3,098,517,404	488,694,857
A	Grand Total of above summaries carried forward from BOQ - 682	2,015,662,690	3,098,517,404	488,694,857
B	Total Provisional Item (This shall be inclusive of contractor's percentage of 15%)	223,193,691	105,180,318	-
C = A - B	Grand Total Less Provisional Sums	1,792,468,999	2,993,337,086	-
D = C x...%	Discount (If any, excluding Provisional Sums)	-	-	-
E = C - D	Grand Total less discount and provisional sums	1,792,468,999	2,993,337,086	-
F	Contingency (including)	-	-	-
G = B+E+F	Total Tendered Sum (provisional sum and contingency included) carried to Form of Tender	2,015,662,690	3,098,517,404	-
	GST (Excluding GST for Supply Items Involving Duty Component) 12.5 % (as specified in Clause of Instructions to Tenderes)	248,817,529 (SL Rs.)		-

GST Registration No. :

Business Address : **Eng. Estimate**

.....

Signature

Date

GREATER KANDY WATER SUPPLY PROJECT
SUMMARY OF BILL OF QUANTITIES

BOQ Bill No	BILL DESCRIPTION	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
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D = C x...%	Discount (If any, excluding Provisional Sums)	-	-	-
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F	Contingency (including)	-	-	-
G = B+E+F	Total Tendered Sum (provisional sum and contingency included) carried to Form of Tender	2,015,662,690	3,098,517,404	-
	GST (Excluding GST for Supply Items Involving Duty Component) 12.5 % (as specified in Clause of Instructions to Tenderes)	248,817,529 (SL Rs.)		-

Daywork Schedule

1. General

Work shall not be executed on a daywork basis except by written order by the Engineer and shall be in accordance with **Clause 52.4 of General Conditions of Contract**. The Contractor shall be entitled to payment in respect of labour, material and plant used for dayworks, at the rates given in the schedules of dayworks.

2. Daywork Labour

Only the time for classes of labour directly doing work ordered by the Engineer, and for which they are competent to perform will be measured. The time of gangers (charge hands) actually doing the work with the gangs, will also be measured, but not the time of foremen or other supervisory personnel.

The given rate shall cover: all direct costs to the Contractor, including the amount of wages paid to such labour, transportation time, overtime, subsistence, allowances, and any sums paid to, or on behalf of, such labour for social benefits in accordance with Sri Lankan Law.

The percentage for overhead and profit inserted in the BOQ shall cover all administration and financial cost including the Contractor's overhead and profit, cost of liaison with external agencies and all other costs related to daywork labour.

Schedule Of Daywork Labour Rates

Item	Description	Unit	Rate (SLR)
1	Ganger	day	550
2	Unskilled labourer	day	420
3	Operator for crawler mounted machine	day	770
4	Operator for wheel mounted machine	day	770
5	Operator for pneumatic tools	day	770
6	Driver for trucks/bowser/tractor/lorry/trailer etc.	day	595
7	Mechanic	day	595
8	Electrician	day	595
9	Painter	day	575
10	Welder	day	650
11	Bar bender/ reinforcement worker	day	720
12	Mason/concrete worker	day	575
13	Carpenter/form worker	day	595
14	Pipe layer/fitter/plumber	day	540

NOTE: The above rates are subjected to an annual escalation of 10% per annum, from the second year after the date of commencement of the Contract.

3. Daywork Materials

The given rates shall cover: the price, freight, insurance, handling, expenses, damage, losses etc. and shall provide for delivery to store for stock piling at the site.

The percentage for overhead and profit inserted in the BOQ shall cover all administration and financial cost including the Contractor's overhead and profit, cost of liaison with external agencies and all other costs related to daywork materials.

The cost of any materials supplied by NWSDB for use on dayworks shall not be taken into account and the additional percentage quoted shall not be applicable.

The Contractor must submit his receipts/bills to the Engineer in support of all daywork materials payment claims.

Schedule Of Daywork Material Rates

Item	Description	Unit	Rate (SLR/Ct)
1	a) Ready mix concrete Gr.25	m ³	5 584.00
	b) -do- Gr.35	m ³	6 000.00
2	Ordinary Portland cement, or equivalent, in 50 kg bags	bag	335.00
3	Ribbed Tor steel reinforcing bar	t	45000.00
4	Fine aggregate for concrete as specified	m ³	565.00
5	Coarse aggregate for concrete as specified	m ³	1 200.00
6	a) Timber (Class 1)	m ³	35 000.00
	b) Plywood sheets (12 mm)	m ²	510.00
7	a) Bricks	Nr	2.50
	b) Masonry blocks (390 x 200 x 190)	Nr	48.00
	c) Rubble 225 x 150 mm	m ³	495.00
8	Hume pipes 0.6 dia x 2.4 m lengths	Nr	3 705.00
9	Channel steel (H,L,I)	t	44 000.00
10	GI sheets (2.4 x 1.2) – 24 gauge	Nr	800.00
11	Sheet piles	t	45 500.00
12	Paints		
	a) Enamel	litre	375.00
	b) Emulsion	litre	300.00
	c) Anticorrosive	litre	315.00
	d) Aluminium	litre	450.00
	e) Thinner	litre	134.00
13	Asphalt	litre	305.00
14	a) Petrol	litre	50.00
	b) Diesel	litre	24.50

NOTE: The above rates are subjected to an annual escalation of 10% per annum, from the second year after the date of commencement of the Contract. Rate is not including GST.

4. Daywork Constructional Plant

In calculating the payment due to the Contractor for constructional plant employed on daywork, only the actual number of hours worked will be eligible for payment, except that where applicable and agreed with the Engineer, the traveling time from the part of the Site where the Construction Plant was located when ordered by the Engineer to be employed on daywork and the time for return journey thereto shall be included for payment. The cost of drivers and operators will be paid separately as described under the section “Daywork Labour”.

The given rate shall cover: due and complete allowances for depreciation, interest, indemnity and insurance, repairs, maintenance, supplies, fuel, lubricants, and other consumables, and all overhead profit and administrative costs related to the use of such equipment.

The percentage for overhead and profit inserted in the BOQ shall cover all administration and financial cost including the Contractor’s overhead and profit, cost of liaison with external agencies and all other costs related to daywork constructional plant.

Schedule of Daywork Constructional Plant Rates

Item	Description	Minimum Capacity	Unit	Rate (SLR./Ct)
1	a) Excavator – crawler mounted	0.4 m ³	hour	1 850.00
	b) - do -	0.7 m ³	hour	2 650.00
	c) - do -	1.2 m ³	hour	3 150.00
2	a) Bull-dozer with ripper–crawler mounted	66 kW	hour	1 800.00
	b) - do -	148 kW	hour	2 700.00
3	a) Back-hoe excavator – wheel mounted with bucket width 0.3, 0.45 and 0.6 m	52 kW	hour	1 455.00
	b) - do -	62 kW	hour	1 800.00
4	a) Front end loader – wheel mounted	1.4 m ³	hour	1 455.00
	b) - do -	2.3 m ³	hour	1 500.00
	c) - do -	3.2 m ³	hour	1 800.00
5	Motor grader – wheel mounted	67 kW	hour	2 250.00
6	a) Mobile crane	2 t	hour	2 100.00
	b) - do -	5 t	hour	2 450.00
7	a) Concrete pump cart	55 m ³ / hr	hour	450.00
	b) – do -	95 m ³ /hr	hour	777.00
8	Boom truck	15 t	hour	390.00
9	a) Dump truck	4 t	hour	450.00
	b) - do -	8 t	hour	900.00
	c) - do -	11 t	hour	1 237.50
10	a) Trailer truck for pipe transport	17 t	km	60.00
	b) - do - without load		km	30.00
11	a) Low bed trailer with prime mover for machine /pipe transport with load	17 t	km	72.00
	b) - do - without load		km	36.00
12	a) Agitator car/concrete transport truck	3 m ³	hour	1 350.00
	b) - do -	6 m ³	hour	2 250.00
13	a) Water bowser	1 000 litre	hour	750.00
	b) - do -	4 000 litre	hour	1 200.00
14	Tractor with trailer	2 m ³	hour	262.50
15	a) Lorry/ pickup/ truck	1.5 t	hour	225.00
	b) Lorry	10 t	hour	390.00
16	a) Concrete mixer truck (with self loading facilities)	1.4 m ³	hour	375.00
	b) – do -	3.2 m ³	hour	450.00
17	Plate compactor/ vibrator	2 t	hour	337.50
18	Rammer compactor/ vibrator	80 Kg	hour	225.00
19	a) Roller compactor/ vibrator	4 t	hour	600.00
	b) – do -	10 t	hour	1 125.00
20	Form vibrator	0.4 kW	hour	150.00
21	Vibrator plant including 25, 32, 50 mm poker	0.4 kW	hour	150.00
22	a) Diesel generator	1 kVA	hour	150.00
	b) - do –	5 kVA	hour	225.00
	c) - do -	25 kVA	hour	375.00
23	a) Portable air compressor including rock breakers & hammers	297 m ³ /hr	hour	600.00
	b) – do -	510 m ³ /hr	hour	900.00
24	a) Submersible pump	0.75 kW	hour	315.00
	b) - do -	2 kW	hour	360.00
	c) - do -	5 kW	hour	540.00
25	a) Portable self priming engine driven centrifugal diesel pump	50 mm	hour	330.00

Item	Description	Minimum Capacity	Unit	Rate (SLR./Ct)
	b) - do -	60 mm	hour	360.00
	c) - do -	75 mm	hour	390.00
26	Spray painting equipment		hour	187.50
27	a) Portable welding plant including welding rods 500 A		hour	300.00
	b) Oxy-acetylene welding set including welding rods		hour	300.00
28	Bar cutting/ bending machine		hour	300.00
29	a) Concrete mixer	0.3 m ³	hour	225.00
	b) - do -	1.4 m ³	hour	450.00
30	Asphalt cutter with diamond disc		hour	375.00
31	Pipe cutter/ grinder including cutting wheels		hour	300.00

NOTE: The above rates are subjected to an annual escalation of 10% per annum, from the second year after the date of commencement of the Contract.

Schedule of Rates

(The Contractor is to complete the tables below for all BoQ items. Values shall be given in percentages)

	Bill of Quantities Reference	Permanent Materials/ Equipment	Labour	Construction Materials	Construction Plant	Overhead	Profit

GREATER KANDY WATER SUPPLY PROJECT
SUMMARY OF BILL OF QUANTITIES

BOQ Bill No	BILL DESCRIPTION	TOTAL AMOUNT		
		LOCAL COMPONENT Rs	FOREIGN COMPONENT Yen	Custom Duty, Cess, GST, NSL, Excise Duty etc. Rs
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A	Grand Total of above summaries carried forward from BOQ - 682	2,015,662,690	3,098,517,404	488,694,857
B	Total Provisional Item (This shall be inclusive of contractor's percentage of 15%)	223,193,691	105,180,318	-
C = A - B	Grand Total Less Provisional Sums	1,792,468,999	2,993,337,086	-
D = C x...%	Discount (If any, excluding Provisional Sums)	-	-	-
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F	Contingency (including)	-	-	-
G = B+E+F	Total Tendered Sum (provisional sum and contingency included) carried to Form of Tender	2,015,662,690	3,098,517,404	-
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1. General

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4. Daywork Constructional Plant

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4	a) Front end loader – wheel mounted	1.4 m ³	hour	1 455.00
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5	Motor grader – wheel mounted	67 kW	hour	2 250.00
6	a) Mobile crane	2 t	hour	2 100.00
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23	a) Portable air compressor including rock breakers & hammers	297 m ³ /hr	hour	600.00
	b) – do -	510 m ³ /hr	hour	900.00
24	a) Submersible pump	0.75 kW	hour	315.00
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27	a) Portable welding plant including welding rods 500 A		hour	300.00
	b) Oxy-acetylene welding set including welding rods		hour	300.00
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30	Asphalt cutter with diamond disc		hour	375.00
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NOTE: The above rates are subjected to an annual escalation of 10% per annum, from the second year after the date of commencement of the Contract.

Schedule of Rates

(The Contractor is to complete the tables below for all BoQ items. Values shall be given in percentages)

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