

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

NATIONAL WATER SUPPLY AND DRAINAGE BOARD
MINISTRY OF URBAN DEVELOPMENT, CONSTRUCTION
AND PUBLIC UTILITIES
DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

THE DETAILED DESIGN STUDY
ON
THE PROJECT FOR REDUCTION
OF NON-REVENUE WATER
IN THE GREATER COLOMBO AREA
IN
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

FINAL REPORT

(DRAFT) PREQUALIFICATION OF CONTRACTORS
FOR CIVIL WORKS

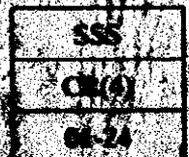
MARCH 2001

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NEEON SUIDO CONSULTANTS CO., LTD.



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(CONTRACT NO.)

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INVITATION FOR PREQUALIFICATION

Date:.....

Contract No.:.....

1. The Government of the Democratic Socialist Republic of Sri Lanka has received an ODA Loan from Japan Bank for International Cooperation, hereinafter referred to as the JBIC, in the amount of FOUR BILLION TWO HUNDRED SEVENTEEN MILLION Japanese Yen (¥4,217,000,000) toward the cost of the PROJECT FOR REDUCTION OF NON-REVENUE WATER (Loan Agreement No. SL-P66 signed on August 4, 1999), and intends to apply a portion of the proceeds of the loan to payments under the CONTRACT FOR CIVIL WORKS (Contract No.:.....) for which this Invitation for Prequalification is issued. Disbursement of the ODA Loan by JBIC will be subject, in all respects, to the terms and conditions of the Loan Agreement, including the disbursement procedures and the 'Guidelines for Procurement under JBIC ODA Loans'. No party other than The Government of the Democratic Socialist Republic of Sri Lanka shall derive any rights from the Loan Agreement or have any claim to Loan proceeds. The above Loan Agreement will cover only a part of the project cost. As for the remaining portion, The Government of the Democratic Socialist Republic of Sri Lanka will take appropriate measures for finance.
2. JBIC requires that bidders and contractors, as well as The Government of the Democratic Socialist Republic of Sri Lanka, under contracts funded with JBIC ODA Loans and other Japanese ODA, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, JBIC;
 - (a) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - (b) will recognize a contractor as ineligible, for a period determined by JBIC, to be awarded a contract funded with JBIC ODA Loans if it at any times determines that the contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, another contract funded with JBIC ODA Loans or other Japanese ODA.
3. The Government of the Democratic Socialist Republic of Sri Lanka has appointed the National Water Supply and Drainage Board (NWSDB) as the Executing Agency responsible for implementation of the Project. NWSDB, hereinafter "the Employer," intends to prequalify contractors for the CONTRACT FOR CIVIL WORKS (Contract No.:.....), hereinafter referred to as the Contract, under THE PROJECT FOR REDUCTION OF NON-REVENUE WATER. The Contract includes the following work:

A. CONSTRUCTION AND REHABILITATION OF RESERVOIRS

The work includes construction and rehabilitation of the following facilities including supply and installation of all materials and equipment required for completion of the work.

A-1 MALIGAKANDA OFFICE BUILDING

Construction of a four-storey RC office building with a total floor area of approximately 3,100 m², including the provision of basic services and utilities.

A-2 MALIGAKANDA NEW RESERVOIR

Construction of a circular post-tensioned clear water ground reservoir with a capacity of 22,000 m³. The reservoir has an internal diameter of 53 m and a water height of 10 m, and will be constructed using segmental post-tensioned concrete for the walls and a reinforced concrete flat slab supported on columns for the roof.

A-3 REHABILITATION OF THE ROOF STRUCTURE OF THE EXISTING MALIGAKANDA RESERVOIR

Rehabilitation of the roof structure of an existing clear water reservoir (57 m x 57.5 m x 10.9 m deep) built in 1885. The work includes the demolition of the existing un-reinforced multi-span barrel vault roof structure and the construction of a new reinforced concrete flat slab roof structure with a set of supporting reinforced concrete columns built on a new set of reinforced concrete pad footings.

A-4 ELLIE HOUSE RESERVOIR

The work comprises the demolition of an existing reservoir (109 m x 59 m x 6 m deep) built in 1905 and the construction of a new reinforced concrete clear water reservoir. The new reservoir has a total capacity of 36,600 m³ with a plan dimension of approximately 63 m x 110 m and a water height of 5.25 m, and is divided into three cells: 2 x 13,000 m³ and 1 x 10,600 m³.

B. WATER SUPPLY ENHANCEMENT IN KOTIKAWATTE AND MULLERIYAWA AREA

The work includes construction of the following facilities, including supply and installation of all materials and equipment required for completion of the work.

B-1 GOTHATUWA-KOLONNAWA PUMP HOUSE

Construction of a pump house within the premises of the Ambatale Water Treatment Plant. The pump house has a plan dimension of 20.5 m x 14 m and accommodates 3 units of double suction horizontal shaft volute pumps, each having a capacity of 14 m³/min x 50 m x 165 kW.

B-2 GOTHATUWA TRANSMISSION MAIN

Construction of a clear water transmission main from the Gothatuwa-Kolonnawa Pump House to the Gothatuwa Ground Reservoir with a total length of 4.36 km, comprising a 2.54 km section of 800 mm ductile iron main and a 1.82 km section of 500 mm ductile iron main.

B-3 GOTHATUWA GROUND RESERVOIR AND PUMP HOUSE

The work comprises the construction of a 4,400 m³ reinforced concrete ground clear water reservoir (27.3 m x 33.3 m x 5.2 m deep) and a pump house to be built attached to the ground reservoir. The pump house has a plan dimension of 9.5 m x 19.5 m and accommodates 2 units of double suction horizontal shaft volute pumps, each having a capacity of 18 m³/min x 30 m x 130 kW. A separate diesel generator is provided for stand-by power.

B-4 GOTHATUWA NEW WATER TOWER

Construction of a 1,500 m³ reinforced concrete water tower of the Intz-type design with a cylindrical water tank having an effective water depth of 5 m supported on a circular reinforced concrete shaft bearing onto a raft foundation. The low water level in the tank is set at approximately 18.5 m above the ground to match the existing water tower which will be interconnected with the new tank.

B-5 DISTRIBUTION MAINS IN KOTIKAWATTE AND MULLERIYAWA AREA

Construction of distribution mains with a total length of approximately 39.7 km, ranging from 100 to 500 mm in size; comprising 23.3 km of PVC mains (200 mm and smaller in diameter) and 16.4 km of ductile iron mains (250 mm and larger in diameter).

C. REHABILITATION & REINFORCEMENT OF MEDIUM AND LARGE DIAMETER PIPE NETWORK IN CMC AREA

The work includes rehabilitation and reinforcement of medium and large diameter main pipe network in CMC area, including supply of all pipes, fittings, valves and

other ancillary materials required for completion of the work.

C-1 REHABILITATION OF MEDIUM AND LARGE DIAMETER MAINS

Rehabilitation of existing un-lined cast iron distribution mains (250 to 450 mm in diameter) with a total length of 27.9 km by means of scraping and cement mortar lining. The work also includes the replacement of existing valves, which have been attached to the distribution mains to be rehabilitated and to other existing distribution mains.

C-2 REINFORCEMENT OF MEDIUM AND LARGE DIAMETER MAINS

Construction of new ductile iron mains (300 to 500 mm in diameter) with a total length of 9.3 km.

D. REPLACEMENT & REHABILITATION OF SMALL DIAMETER DISTRIBUTION MAINS IN CB1 AREA

The work includes replacement of existing cast iron mains (3, 4 & 5 inches in diameter) with PVC mains (110, 160 and 225 mm in diameter) for a total length of 32.6 km, including replacement of existing valves and service connections, which have been attached both to the cast iron mains to be replaced and to other existing distribution mains. In addition, the work includes rehabilitation of existing 6-inch mains for a total length of 7.5 km by means of scraping and cement mortar lining. The work also includes supply of all pipes, fittings, valves and other ancillary materials required for completion of the work.

E. SUPPLY OF EQUIPMENT AND MATERIALS FOR IMPLEMENTATION OF NON-REVENUE WATER REDUCTION ACTION PLAN

The work includes supply of domestic water meters and leakage detection equipment, which will be used for implementation of non-revenue water reduction action plan.

4. It is expected that Invitations to Bid will be made in
5. Prequalification is open to firms and voluntarily formed joint ventures from eligible source countries, in accordance with the Guidelines for Procurement under JBIC ODA Loans.
6. Eligible applicants may obtain the prequalification documents after..... by

calling, writing, faxing, or telexing or by electronic mail at the office of the Assistant General Manager (Tenders and Contracts) shown below.

Office Address: Tenders and Contracts Branch,
National Water Supply and Drainage Board,
Galle Road, Ratmalana,
SRI LANKA.

Cable Address: "WATERBOARD" RATMALANA, SRI LANKA

Telephone Number: 635885, 638999 Ext. 150

Facsimile Number: 0094-1-636449.

E-mail Address:

7. The request must clearly state "Request for Prequalification Documents for Contract for Civil Works (Contract No.:)" under the Project for Reduction of Non-Revenue Water". The documents are available for a nonrefundable fee of Sri Lanka Rupees.....(SLRs.....) or United States Dollars.....(US\$.....). The NWSDB will promptly dispatch the documents by registered airmail, but under no circumstances will it be held responsible for late delivery or loss of the documents so mailed.
8. A minimum requirement for qualification is to have successfully carried out as prime contractor at least three construction contracts in the field of drinking water supply within the last five years, each having a contract value of more than United States Dollars Twenty Million (US\$ 20,000,000).
9. Submissions of Applications for Prequalification must be received in sealed envelopes, either delivered by hand or by registered mail at the office of:

The Chairman
Cabinet Appointed Tender Board
Ministry of Urban Development, Construction and Public Utilities
"Sethsiripaya", Sri Jayawardenepura, Battaramulla, Kotte
SRI LANKA

not later than, and be clearly marked "Application to Prequalify for Contract for Civil Works (Contract No.:)" under the Project for Reduction of Non-Revenue Water".

10. The NWSDB reserves the right to accept or reject late applications.
11. Applicants will be advised, in due course, of the results of their applications. Only firms and joint ventures prequalified under this procedure will be invited to bid.

Chairman

National Water Supply and Drainage Board

Ministry of Urban Development, Construction and Public Utilities

The Government of the Democratic Socialist Republic of Sri Lanka

INSTRUCTIONS TO APPLICANTS

The Project for Reduction of Non-Revenue Water
National Water Supply and Drainage Board
The Government of the Democratic Socialist Republic of Sri Lanka

Date:

Contract No.:

1. Scope of Bid

- 1.1 The Government of the Democratic Socialist Republic of Sri Lanka has appointed the National Water Supply and Drainage Board (NWSDB) as the Executing Agency responsible for implementation of the Project. NWSDB, hereinafter called "the Employer," has received an ODA Loan from Japan Bank for International Cooperation, hereinafter referred to as the JBIC, in the amount of FOUR BILLION TWO HUNDRED SEVENTEEN MILLION Japanese Yen (¥4,217,000,000) toward the cost of THE PROJECT FOR REDUCTION OF NON-REVENUE WATER (Loan Agreement No. SL-P66 signed on August 4, 1999), and intends to apply a portion of the proceeds of this loan to payments under the CONTRACT FOR CIVIL WORKS (Contract No.:.....) for which this Invitation for Prequalification is issued. Disbursement of the ODA Loan by JBIC will be subject in all respects to the terms and conditions of the Loan Agreement, including the disbursement procedures and the "Guidelines for Procurement under JBIC ODA Loans." No party other than the Government of the Democratic Socialist Republic of Sri Lanka shall derive any rights from the Loan Agreement or have any right to the loan proceeds. The above Loan Agreement will cover only a part of the project cost. As for the remaining portion, the Government of the Democratic Socialist Republic of Sri Lanka will take appropriate measures for finance.
- 1.2 JBIC requires that bidders and contractors, as well as the Government of the Democratic Socialist Republic of Sri Lanka, under contracts funded with JBIC ODA Loans and other Japanese ODA, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, JBIC;
- (a) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent

- practices in competing for the contract in question;
- (b) will recognize a contractor as ineligible, for a period determined by JBIC, to be awarded a contract funded with JBIC ODA Loans if it at any times determines that the contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, another contract funded with JBIC ODA Loans or other Japanese ODA.
- 1.3 The Employer intends to prequalify contractors for the CONTRACT FOR CIVIL WORKS under the PROJECT FOR REDUCTION OF NON-REVENUE WATER. It is expected that Invitations to Bid will be made in
- 1.4 Prequalification is open to firms and voluntarily formed joint ventures from eligible source countries as attached List of Eligible Source Countries included in this Prequalification Documents.
- 1.5 General information on the climate, hydrology, topography, access to site, transportation and communications facilities, medical facilities, project layout, expected construction period, facilities, services provided by the Employer is attached on a separate sheet. The contract will be a unit price contract. The bidding documents will be Sample bidding documents for Procurement of Civil Works under JBIC ODA Loans, including their currency and securities provisions.

2. Submission of Applications

- 2.1 Applications shall be submitted in duplicate. Submission of applications for prequalification must be received in two separate sealed envelopes, either delivered by hand, courier or by registered mail at the office of Chairman, Cabinet Appointed Tender Board, Ministry of Urban Development, Construction and Public Utilities, "Sethsiripaya", Sri Jayawardenapura, Battaramulla, Kotte, Sri Lanka, not later than, and be clearly marked "Application to Prequalify for Contract for Civil Works (Contract No.:)" under the Project for Reduction of Non-Revenue Water" and "Original" or "Duplicate". The Employer reserves the right to accept or reject late applications.
- 2.2 The name and mailing address of the Applicant shall be clearly marked on each of the two envelopes.
- 2.3 All the information requested for prequalification shall be answered in the English language. Where information is provided in another

language, it shall be accompanied by a translation into English language, which will prevail and will be used for interpreting the information.

- 2.4 Failure to provide information that is essential to evaluate the Applicant's qualifications, or to provide timely clarification or substantiation of the information supplied, may result in disqualification of the Applicant.
- 3. Eligible Bidders** 3.1 This invitation to prequalify is open to any bidder from an eligible source country as attached List of Eligible Source Countries included in this Prequalification Documents.
- 4. Qualification Criteria** 4.1 Prequalification will be based on meeting all the following minimum pass/fail criteria regarding the Applicant's general and particular experience, personnel and equipment capabilities, and financial position, as demonstrated by the Applicant's responses in the forms attached to the Letter of Application (specific requirements for joint ventures are given under paras. 5.1 and 5.2 below). The Employer reserves the right to waive minor deviations if they do not materially affect the capability of an applicant to perform the contract.
- 4.2 The Applicant may employ specialist subcontractors to satisfy the qualification criteria stated in 4.3 (c) and 4.3 (d), in which case, however, such subcontractors and their inputs shall be described in Application Form 3. The experience and resources of those specialist subcontractors will be taken into account in evaluation. The withdrawal of specialist subcontractors after prequalification, and any change in a specialist subcontractor, will be subject to the written approval of the Employer prior to the deadline for submission of bids. Such approval may be denied if (i) specialist subcontractors withdraw and the Applicant and the remaining specialist subcontractors do not meet the qualifying requirements; (ii) the new specialist subcontractors are not qualified; or (iii) in the opinion of the Employer, a substantial reduction in competition may result.
- 4.3 General Experience.** The Applicant shall meet the following minimum criteria:
- (a) average annual turnover as prime contractor (defined as

billing for works in progress and completed) over the last five years of United States Dollars Fifty Million (US\$ 50,000,000) equivalent; and

- (b) successful experience as prime contractor in the execution of at least two contracts in the field of drinking water supply within the last five years, each having a value of more than United States Dollars Twenty Million (US\$ 20,000,000).
- (c) successful experience as prime contractor in the construction of at least two circular post-tensioned ground clear water reservoirs, each 17,000 cubic meters or larger in capacity within the last five years.
- (d) successful experience as prime contractor in the execution of at least two pipe rehabilitation contracts which included scraping and cement mortar lining of cast iron distribution pipes (250 to 450 mm in diameter) having a total length of more than ten kilometers within the last ten years.

4.4 Personnel Capabilities. The Applicant must have suitably qualified personnel to fill the following positions. In Form 5, the Applicant will supply information on a prime candidate and on an alternate for each position; both people should meet the experience requirements specified below:

Position	No.	Total Experience (years)	In Similar Works (years)	As Manager of Similar Works (years)
Project Manager	1	20	12	8
Site Engineers	4	15	10	5
Mechanical Engineer	1	15	10	5
Electrical Engineer	1	10	7	3
Post-tensioning Expert	1	15	10	5
Pipe Scraping and Lining Expert	1	10	7	3

4.5 Equipment Capabilities. The Applicant should own, or have assured access (through hire, lease, purchase agreement, availability of manufacturing equipment, or other means) to the following key items of equipment in full working order, and must demonstrate that, based on known commitments, they will be available for use in the proposed contract. The Applicant may also list alternative equipment that it would propose for the contract, together with an explanation of the proposal.

Equipment type and characteristics	Minimum number required
1. Excavator (back hoe) with breaker, bucket capacity not less than 1.2 cu.m.	2
2. Excavator (back hoe) with bucket capacity not less than 1.0 cu.m.	2
3. Wheel Loader 75 HP	4
4. Dump Trucks	5
5. 10-tonne Lorry	2
6. 5-tonne Lorry	2
7. Bowsers	5
8. Compressors with breaking attachments capacity 125 – 175 cu.ft.	3
9. Tower Crane, Rail Crawler/Truck mounted, minimum 30 m height at 20 m radius with minimum 1.5 tonnes	1
10. Concrete batching Plant	3
11. Generator Set, 30 – 50 KVA	2
12. Pipe Scraper and Cement Mortar Lining Equipment suitable for scraping and cement mortar lining cast iron pipes 250 through 450 mm in diameter	1 set
13. Water Jet or Other Non-vibratory Demolition Equipment suitable for demolition of existing mass concrete structures	1 set
14. Post-tensioning Equipment with anchorages and cable units suitable for circular reservoir with buttresses, including jacks, pressure gauges, pumps, and horizontal tendon installation equipment	1 set

4.6 Financial Position. The Applicant should demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means sufficient to meet the construction cash flow for a period of four months during the duration of contract, estimated as United States Dollars Four Million (US\$ 4,000,000) equivalent, net of the Applicant's commitments for other contracts.

4.7 The audited financial statements for the last five years shall be submitted and must demonstrate the soundness of the Applicant's financial position, showing long-term profitability. Where necessary, the Employer will make inquiries with the Applicant's bankers.

4.8 Litigation History. The Applicant should provide accurate information on any litigation or arbitration resulting from contracts completed or under its execution over the last ten years. A consistent history of awards against the Applicant or any partner of a joint venture may result in failure of the application.

5. Joint Ventures

5.1 Joint ventures must comply with the following requirements:

(a) Following are the minimum qualification requirements:

(i) The lead partner shall meet not less than 60 percent of all the qualifying criteria given in paras. 4.3 (a), 4.3 (b) and 4.6 above.

(ii) Each of the other partners shall meet individually not less than 40 percent of all the qualifying criteria given in paras. 4.3 (a), 4.3 (b) and 4.6 above.

(iii) The joint venture must satisfy collectively the criteria of paras 4.3 (c), 4.3 (d), 4.4 and 4.5, for which purpose the relevant figures and experiences for each of the partners shall be added together to arrive at the joint venture's total capacity. Individual members must each satisfy the requirements of paras. 4.7 and 4.8 above.

(b) The formation of a joint venture after prequalification, and any change in a prequalified joint venture, will be subject to the written approval of the Employer prior to the deadline

for submission of bids. Such approval may be denied if (i) partners withdraw from a joint venture and the remaining partners do not meet the qualifying requirements; (ii) the new partners to a joint venture are not qualified, individually or as another joint venture; or (iii) in the opinion of the Employer, a substantial reduction in competition may result.

(c) Any bid shall be signed so as to legally bind all partners, jointly and severally, and any bid shall be submitted with a copy of the joint venture agreement, as in Application Form 2a and 2b, providing the joint and several liabilities with respect to the contract.

5.2 The prequalification of a joint venture does not necessarily prequalify any of its partners individually or as a partner in any other joint venture or association. In case of dissolution of a joint venture, each one of the constituent firms may prequalify if it meets all of the prequalification requirements, subject to the written approval of the Employer.

6. Conflict of Interest

6.1 The Applicant (including all members of a joint venture) shall not be associated, nor have been associated in the past, with the consultant or any other entity that has prepared the design, specifications, and other prequalification and bidding documents for the Project, or with an entity that was proposed as Engineer for the Contract. Any such association may result in the disqualification of the Applicant.

7. Updating Prequalification Information

7.1 Bidders shall be required to update the financial information used for prequalification at the time of submitting their bids and to confirm their continued compliance with the qualification criteria. A bid shall be rejected if the Applicant's qualification thresholds are no longer met at the time of bidding.

8. General

8.1 Only firms and joint ventures that have been prequalified under this procedure will be invited to bid. A qualified firm or a member of a qualified joint venture may participate in only one bid for the contract. If a firm submits more than one bid, singly or in joint venture, all bids including that party will be rejected. This rule may not apply in respect of bids that include specialist subcontractors

who are used by more than one bidder.

8.2 Bidders will be required to provide bid security in the form of a certified check, letter of credit, or a bank guarantee from a reputable bank of the Bidder's choice located in any eligible country for an amount of The successful bidder will be required to provide performance security. Examples of acceptable forms will be supplied with the bidding documents.

8.3 The Employer reserves the right to:

- (a) amend the scope and value of the contract to be bid, in which event the contract will only be bid among those prequalified bidders who meet the requirements of the contract as amended;
- (b) reject or accept any application; and
- (c) cancel the prequalification process and reject all applications.

The Employer shall neither be liable for any such actions nor be under any obligation to inform the Applicant of the grounds for them.

8.4 Applicants will be advised by the Employer in writing by fax or telex, within 90 days of the date for submission of applications (para. 2.1 above), of the result of their application, and of the names of the prequalified applicants, without being assigned any reason for the Employer's decision.

Letter of Application

[letterhead paper of the Applicant or partner responsible for a joint venture, including full postal address, telephone no., fax no., telex no., and cable address]

Date:.....

To:

.....
[name and address of the Employer]

Ladies and/or Gentlemen,

1. Being duly authorized to represent and act on behalf of (hereinafter referred to as "the Applicant"), and having reviewed and fully understood all of the prequalification information provided, the undersigned hereby apply to be prequalified by yourselves as a bidder for the CONTRACT FOR CIVIL WORKS (CONTRACT No.:.....) under the PROJECT FOR REDUCTION OF NON-REVENUE WATER.
2. Attached to this letter are copies of original documents defining:
 - (a) the Applicant's legal status;
 - (b) the principal place of business; and
 - (c) the place of incorporation (for applicants who are corporations), or the place of registration and the nationality of the owners (for applicants who are partnerships or individually-owned firms).

[For applications by joint ventures, all the information requested in the prequalification documents is to be provided for the joint venture, if it already exists, and for each party to the joint venture separately. The lead partner should be clearly identified. Each partner in the joint venture shall sign the letter.]

3. Your Agency and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this application, and to seek clarification from our bankers and clients

regarding any financial and technical aspects. This Letter of Application will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information, to provide such information deemed necessary and as requested by yourselves to verify statements and information provided in this application, such as the resources, experience, and competence of the Applicant.

4. Your Agency and its authorized representatives may contact the following persons for further information:

General and managerial inquiries	
Contact 1	Telephone 1
Contact 2	Telephone 2

Personnel inquiries	
Contact 1	Telephone 1
Contact 2	Telephone 2

Technical inquiries	
Contact 1	Telephone 1
Contact 2	Telephone 2

Financial inquiries	
Contact 1	Telephone 1
Contact 2	Telephone 2

[Applications by joint ventures should provide on a separate sheet equivalent information for each party to the application.]

5. This application is made with the full understanding that:

- (a) bids by prequalified applicants will be subject to verification of all information submitted for prequalification at the time of bidding;
- (b) your Agency reserves the right to:

- amend the scope and value of any contracts bid under this project; in such event, bids will only be called from prequalified bidders who meet the revised requirements; and
 - reject or accept any application, cancel the prequalification process, and reject all applications.
- (c) your Agency shall not be liable for any such actions and shall be under no obligation to inform the Applicant of the grounds for them.

Applicants who are not joint ventures should delete paras. 6 and 7 and initial the deletions.

6. Appended to this application, we give details of the participation of each party, including capital contribution and profit/loss agreements, in the joint venture or association. We also specify the financial commitment in terms of the percentage of the value of the contract, and the responsibilities for execution of the contract.
7. We confirm that if we bid, that bid, as well as any resulting contract, will be:
- (a) signed so as to legally bind all partners, jointly and severally; and
 - (b) submitted with a joint venture agreement providing the joint and several liability of all partners in the event the contract is awarded to us.

8. The undersigned declare that the statements made and the information provided in the duly completed application are complete, true, and correct in every detail.

Signed	Signed
Name	Name
For and on behalf of (name of Applicant or lead partner of a joint venture)	For and on behalf of (name of partner)

Signed	Signed
Name	Name
For and on behalf of (name of partner)	For and on behalf of (name of partner)

Signed	Signed
Name	Name
For and on behalf of (name of partner)	For and on behalf of (name of partner)

General Information

All individual firms and each partner of a joint venture applying for prequalification are requested to complete the information in this form. Nationality information should be provided for all owners or applicants who are partnerships or individually-owned firms.

Where the Applicant proposes to use named subcontractors for highly specialized components of the works (reference sub-clause 4.2 of the Instructions), the following information should also be supplied for the specialist subcontractor(s), together with a brief description of their specialized input.

1.	Name of firm	
2.	Head office address	
3.	Telephone	Contact
4.	Fax	Telex
5.	Place of incorporation / registration	Year of incorporation / registration

Nationality of owners		
	Name	Nationality
1.		
2.		
3.		
4.		
5.		

General Experience Record

Name of Applicant or partner of a joint venture

All individual firms and all partners of a joint venture are requested to complete the information in this form. The information supplied should be the annual turnover of the Applicant (or each member of a joint venture), in terms of the amounts billed to clients for each year for work in progress or completed, converted to U.S. dollars at the rate of exchange at the end of the period reported.

Use a separate sheet for each partner of a joint venture.

Applicants should not enclose testimonials, certificates, and publicity material with their applications; they will not be taken into account in the evaluation of qualifications.

Annual turnover data (construction only)		
Year	Turnover	US\$ equivalent
1.		
2.		
3.		
4.		
5.		

Joint Venture Summary

Names of all partners of a joint venture	
1. Lead partner	
2. Partner	
3. Partner	
4. Partner	
5. Partner	
6. Partner	

Annual turnover data (construction only; US\$ equivalent)						
Partner	Form 2 page no.	Year 1	Year 2	Year 3	Year 4	Year 5
1. Lead partner						
2. Partner						
3. Partner						
4. Partner						
5. Partner						
6. Partner						
Totals						

Joint Venture Agreement

To: National Water Supply and Drainage Board,
Galle Road, Ratmalana, SRI LANKA

The undersigned of this declaration of cooperation are by means of attached Powers of Attorney legally authorized to act with regard to the Contract for Civil Works (Contract No.:) under the Project for Reduction of Non-Revenue Water and on behalf of their organizations.

They hereby declare:

1. that they will legalize a Joint Venture Agreement in case that the Contract for Civil Works (Contract No.:) under the Project for Reduction of Non-Revenue Water is awarded to their group;
2. that they have nominated _____ [*name of the lead partner*] as the Sponsor Firm of the group for the purpose of this Bid;
3. that they authorized Mr./Ms. _____ [*name of the person who is authorized to act as the Representative on behalf of the Joint Venture*] to act as the Bidder's Representative in the name and on behalf of their group;
4. that all partners of the Joint Venture shall be liable jointly and severally for the execution of the Contract;
5. that this Joint Venture is an association constituted for the purpose of the execution of the Contract for Civil Works (Contract No.:) under the Project for Reduction of Non-Revenue Water;
6. that if the Employer accepts the Bid of this Joint Venture, it shall not be modified in its composition or constitution until the completion of Contract without the prior consent of the Employer; and
7. that each partner's share of the Work, stated as percentage of the total contract amount, shall be as follows:

Name of Partner	Share of the Work (as percentage of the contract amount)
1. Lead Partner	
2. Partner	
3. Partner	
4. Partner	
Total	100

Give names and positions of the proposed Joint Venture Representatives, as well as organization's names and addresses:

1.	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

2.	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

3.	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

4.	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

5.	Name:	Signature:
	Position:	Date:
	Representative of: (Organization's Name)	

Particular Experience Record

Name of Applicant or partner of a joint venture

To prequalify, the Applicant shall be required to pass the specified requirements applicable to this form, as set out in the "Prequalification Instructions to Applicants".

On a separate page, using the format of Form (3a), the Applicant is requested to list all contracts which he has implemented during the last five years in the field of drinking water supply, each having a value at least equivalent to United States Dollars Twenty Million (US\$ 20,000,000). The partners of a joint venture should also provide details of similar contracts. The value should be based on the currencies of the contracts converted into U.S. dollars, at the date of substantial completion, or for current contracts at the time of award. The information is to be summarized, using Form (3a), for each contract completed or under execution, by the Applicant or by each partner of a joint venture.

Where the Applicant proposes to use named subcontractors for highly specialized components of the works (reference sub-clause 4.2 of the Instructions), the information in the following forms should also be supplied for each specialist subcontractor.

It may be permissible to request applicants to enclose evidence documents for work in progress or completed, only to the extent that it does not discourage the applicants from submission of applications. Use of copy of certificates is recommended.

Summary Sheet: Current Contract Commitments / Works in Progress

Name of Applicant or partner of a joint venture

Applicants and each partner to an application should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Name of contract	Value of outstanding work (current US\$ equivalent)	Estimated completion date
1.		
2.		
3.		
4.		
5.		
6.		

Personnel Capabilities

Name of Applicant

For specific positions essential to contract implementation, applicants should provide the names of at least two candidates qualified to meet the specified requirements stated for each position. The data on their experience should be supplied in separate sheets using one Form (5a) for each candidate.

1.	Title of position*
	Name of prime candidate
	Name of alternate candidate
2.	Title of position*
	Name of prime candidate
	Name of alternate candidate
3.	Title of position*
	Name of prime candidate
	Name of alternate candidate
4.	Title of position*
	Name of prime candidate
	Name of alternate candidate

Candidate Summary

Name of Applicant

Position	Candidate Prime Alternate	
<i>Candidate information</i>	1. Name of candidate	2. Date of birth
	3. Professional qualifications	
<i>Present employment</i>	4. Name of employer	
	Address of employer	
	Telephone	Contact (manager / personnel officer)
	Fax	Telex
	Job title of candidate	Years with present employer

Summarize professional experience over the last 20 years, in reverse chronological order. Indicate particular technical and managerial experience relevant to the Project.

From	To	Company / Project / Position / Relevant technical and management experience

Equipment Capabilities

Name of Applicant

The Applicant shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for each and all items of equipment listed in the Instructions to Applicants. A separate Form (6) shall be prepared for each item of equipment listed in para. 4.5 of the Instructions to Applicants, or for alternative equipment proposed by the Applicant.

Item of equipment		
Equipment information	1. Name of manufacturer	2. Model and power rating
	3. Capacity	4. Year of manufacture
Current status	5. Current location	
	6. Details of current commitments	
Source	7. Indicate source of the equipment <div style="display: flex; justify-content: space-around; font-size: small;"> Owned Rented Leased Specially manufactured </div>	

Omit the following information for equipment owned by the Applicant or partner:

Owner	8. Name of owner	
	9. Address of owner	
	Telephone	Contact name and title
	Fax	Telex
Agreements	Details of rental / lease / manufacture agreements specific to the Project	

Financial Capability

Name of Applicant or partner of a joint venture

Applicants, including each partner of a joint venture, should provide financial information to demonstrate that they meet the requirements stated in the instructions to Applicants. Each applicant or partner of a joint venture must fill in this form. If necessary, use separate sheets to provide complete banker information. A copy of the audited balance sheets and statement of profit and losses should be attached.

Banker	Name of banker		
	Address of banker		
	Telephone	Contact name and title	
	Fax	Telex	

Summarize actual assets and liabilities in U.S. dollar equivalent (at the rates of exchange current at the end of each year) for the previous five years. Based upon known commitments, summarize projected assets and liabilities in U.S. dollar equivalent for the next two years, unless the withholding of such information is justified by the Applicant to the satisfaction of the Employer.

Financial information in US\$ equivalent	Actual: previous five years					Projected: next two years	
	1.	2.	3.	4.	5.	6.	7.
1. Total assets							
2. Current assets							
3. Total liabilities							
4. Current liabilities							
5. Sales							
6. Ordinary Profits							
7. Profits before taxes							
8. Profits after taxes							

Specify proposed sources of financing to meet the cash flow demands of the Project, net of current commitments for other contracts (Instructions to Applicants, para. 4.6).

<i>Source of financing</i>	<i>Amount (US\$ equivalent)</i>
1.	
2.	
3.	
4.	

Attach audited financial statements for the last five years (for the individual applicant or each partner of a joint venture).

Firms owned by individuals, and partnerships, may submit their balance sheets certified by a registered accountant, and supported by copies of tax returns, if audits are not required by the laws of their countries of origin.

Applicants should be requested to submit a bank reference letter from a reputable commercial bank to the effect that such bank certifies the financial capability of the applicants to meet their financial obligation to perform the said contract and considers to issue a specific line of credit when and if the contract is awarded to the applicants.

Litigation History

Name of Applicant or partner of a joint venture

Applicants, including each of the partners of a joint venture, should provide information on any history of litigation or arbitration resulting from contracts executed in the last ten years or currently under execution (Instructions to Applicants, para. 4.8). A separate sheet should be used for each partner of a joint venture.

Year	Award FOR or AGAINST Applicant	Name of client, cause of litigation, and matter in dispute	Disputed amount (current value, US\$ equivalent)

List of Eligible Countries of JBIC ODA Loans

The Eligible Source Countries for procurement of all goods and services, except for consulting services, to be financed out the proceeds of the JBIC ODA Loan (Loan Agreement No. SL-P66) are all countries and areas.

General Information on the Project

Project Layout

A project location map, showing construction sites, is attached on a separate sheet. Construction sites fall within the jurisdiction area of the Colombo Municipal Council (CMC) and in the Kotikawatte-Mulleriyawa area, which is administrated by the local authority, Kotikawatte-Mulleriyawa Pradesiya Sabha.

Climate and Topography

Both CMC and Kotikawatte-Mulleriyawa areas are situated mainly at an altitude ranging approximately from 2 to 40 metres above sea level. The minimum temperature was 24.0 degrees Celsius and the maximum temperature was 30.4 degrees Celsius in the year 1999. However, maximum day temperature can be as high as 34 degrees Celsius. Recent records indicate that the average relative humidity in the middle of the day ranges from about 70 to 80 percent dependent on the time of the year. The average annual rainfall in this region is approximately 2,000 mm, much of which falls in the inter-monsoonal periods from March to May and from September to November.

Access to Site

Most of the roads in CMC area are rather crowded with motor vehicles, and there are many pedestrians, bicycles and three wheelers to navigate around. Traffic congestions could be seen at junctions during peak hours. Construction sites in CMC area are accessible from the newly rehabilitated Base Line Road, all within a relatively short distance of about 4 to 5 km. There is also a direct access from the Colombo Harbour, where facilities are available to clear imported materials and equipment within a reasonable time, and to transport them to places of storing or to construction sites directly. Due to security reasons, however, restrictions may be imposed during the nighttime on the transportation of heavy construction vehicles within CMC area.

Kotikawatte-Mulleriyawa area is located towards east of CMC area and has a lesser number of roads compared to CMC area. Construction sites in this area are easily accessible from the Low Level Road off Base Line Road. Although traffic congestion is also common in this area, the time to travel from CMC to the construction sites will be minimal as the distance between the two areas is short.

Electricity

Ceylon Electricity Board (CEB) operates in Colombo area. About 725 distribution sub-stations

are connected to the 11 kV distribution network at various locations in the city. 230V and 400V supply is available to the consumers. In Colombo, where the electricity network is primarily underground, a high level of reliability of electricity supply is attained. The average down time due to unplanned electricity interruptions has been about 7 hours per consumer per year. A privately owned company, Lanka Electric Company (LECO), operates also in the Kotikawatte-Mulleriyawa area in addition to the services provided by the CEB.

Transportation and Communication Facilities

The main seaport is situated in Colombo. Container traffic through Colombo has increased considerably since 1988. The National Ports and Shipping Policy of Sri Lanka envisages the emergence of Sri Lanka as the premier shipping centre in the South Asia with Colombo operating as a hub port.

Nearly all passenger traffic to and from Sri Lanka is by air, including significant tourist traffic. The only international airport operating at present is the Colombo International Airport at Katunayake, 32 km north of Colombo.

Telecommunication is the most common form of communication in the CMC area. In the recent past, performance of the telecommunication sector, mainly in CMC area, has improved in terms of capacity and services provided. Both Sri Lanka Telecom (SLT) Ltd. and several private sector organizations provide services in the CMC area, including International Direct Dialing (IDD) facilities, public as well as residential. Such services are also available within Kotikawatte-Mulleriyawa area.

Medical Facilities

There are several health institutions located in the CMC area, providing health care facilities through the western and indigenous medical system. Several teaching hospitals, district hospitals and hospitals for specialized treatment of chronic disease are located within the CMC area. Although general medical services, including privately owned nursing homes are also available in the Kotikawatte-Mulleriyawa area, one has to go to a suitable hospital in CMC area in case of emergency.

Expected Construction Period

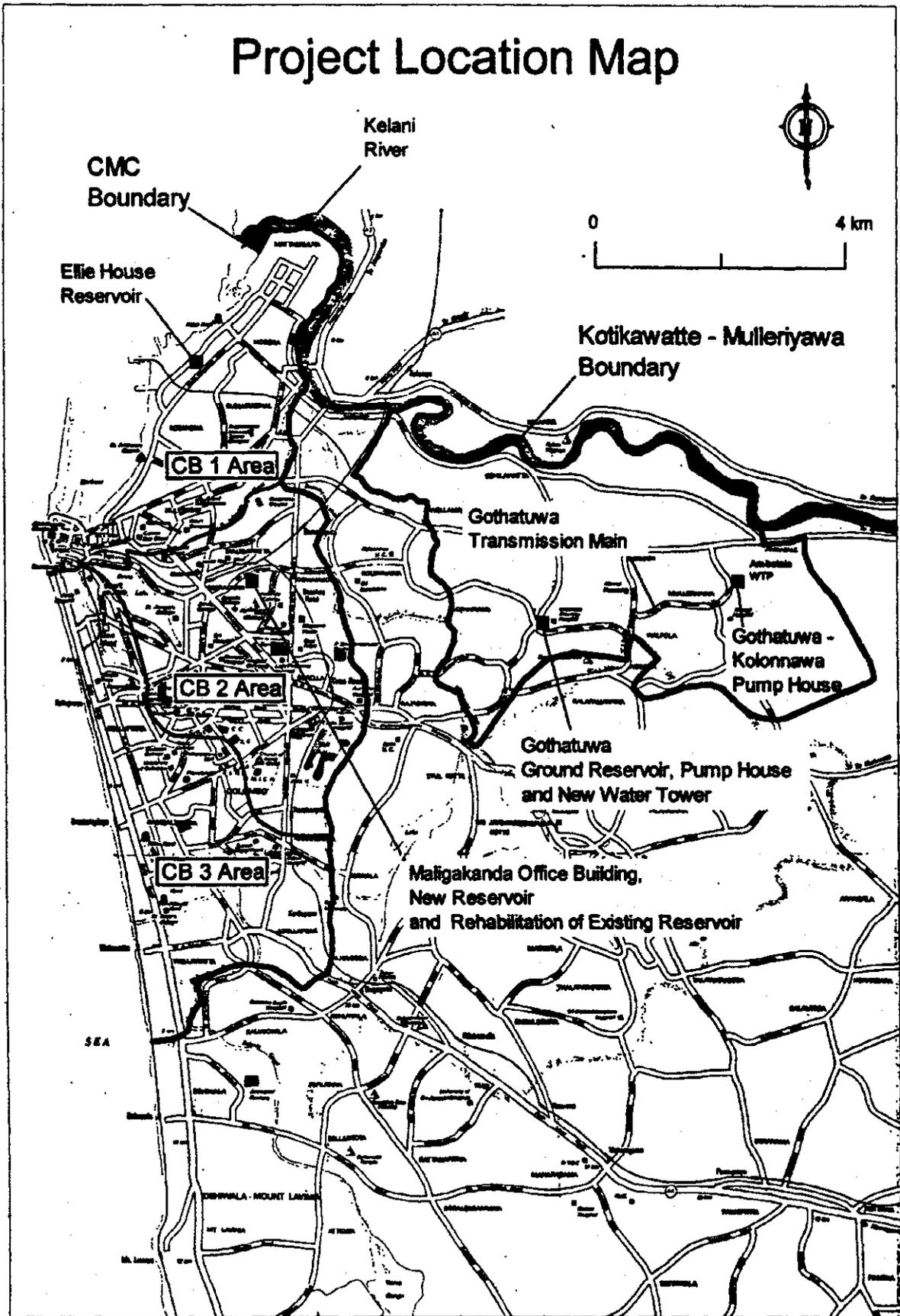
The total construction period is expected to be approximately years.

Facilities and Services to be Provided by the Employer

Water for testing, disinfection and for other construction purposes may be provided by the

Employer at the prevailing water rates. The contractor shall, at his own expense, make all necessary arrangements to obtain water from the source of water, which will be designated by the Employer.

Project Location Map



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