

**SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872**

**CONDITIONS OF TENDERING
Appendix B - Major Points of Conformance**

**Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II**

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

CONDITIONS OF TENDERING
APPENDIX B - MAJOR POINTS OF CONFORMANCE

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tenders which do not meet the following major points of conformance will be determined as substantially non-responsive:

1. Eligibility in accordance with Clause 2 of the Conditions of Tendering.
2. Consortia or joint venture members and major subcontractors remain unchanged since pre-qualification in accordance with Clause 2 of the Conditions of Tendering.
3. Form of Tender, Appendix and Schedules signed and completed correctly in accordance with Clause 15 of the Conditions of Tendering.
4. The Schedules to the Form of Tender demonstrate that the tenderer has a clear understanding of the issues involved and that he will provide the resources necessary for the expeditious execution of the works.
5. Tender Security completed in accordance with Clause 26 of the Conditions of Tendering.

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

NAME OF CONTRACT: Can Tho Bridge Package II

TO : My Thuan PMU

Gentlemen,

- (a) Having examined the Tender Documents and Addenda Nos _____ for the execution of the above-named Works, we the undersigned, offer to execute and complete such Works and remedy any defects therein in conformity with the Contract for the sum of Vietnamese Dong _____ (amount in words) _____ (Đ _____) plus Japanese Yen _____ (amount in words) _____ (¥ _____) or such other sums as may be ascertained in accordance with the Conditions of Contract.
- (b) We acknowledge that the Appendix and the Schedules TS-1 to TS-23 form part of our Tender.
- (c) We undertake, if our Tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Engineer's notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Appendix to Tender.
- (d) We agree to abide by this Tender for the period of 150 days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- (e) Unless and until a formal Agreement is prepared and executed this Tender, together with your written acceptance thereof, shall constitute a binding contract between us.
- (f) We understand that you are not bound to accept the lowest or any tender you may receive.

- (g) We have identified below any other Packages being tendered for in the Can Tho Bridge Project and associated discounts if awarded more than one contract

Package(s)

Discount(s)

Dated this _____ day of _____ 200_____

Signature _____ in the capacity of _____

duly authorized to sign tenders for and on behalf of _____ (IN
BLOCK CAPITALS)

Address _____

Witness _____

Address _____

Occupation _____

Notes for tenderers submitting as a joint venture or consortium:

1. The Form of Tender shall be signed by each member of the joint venture or consortium.
2. A copy of the joint venture or consortium agreement shall be included as part of Schedule TS-7 to the Tender.

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER

Appendix

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

PACKAGE 2

	Sub-Clause	
Amount of security (if any)	10.1	¥2,000,000,000
Minimum amount of third party insurance	23.2	¥1,000,000,000 per occurrence, with the number of occurrences unlimited
Time for issue of notice to commence	41.1	28 days
Time for Completion	43.1	55 months
Time for Completion (Provision of the Engineer's office and laboratory)	43.2	56 days
Time for Completion (Provision of the Engineer's housing accommodation)	43.3	120 days
Time for Completion (Provision of vehicles for the Engineers)	43.4	28 days
Amount of liquidated damages	47.1	¥6,000,000 per day
Amount of liquidated damages	47.2	¥200,000 per day
Amount of liquidated damages	47.3	¥300,000 per day
Amount of liquidated damages	47.4	¥40,000 per day

Limit of liquidated damages	47.1	¥900,000,000
Limit of liquidated damages	47.2	¥20,000,000
Limit of liquidated damages	47.3	¥30,000,000
Limit of liquidated damages	47.4	¥2,000,000
Defects Liability Period	49.1	365 days
Percentage for adjustment of Provisional Sums	59.4(c)	N/A
Percentage of invoice value of listed materials	60.1(c)	Zero percent
Percentage of Retention	60.2	Ten percent
Limit of Retention Money	60.2	Five percent of the Contract Price
Minimum Amount of Interim Certificates	60.2 60.14	Equivalent ¥100,000,000
Rate of interest upon unpaid sums	60.10	0.01 % simple interest per day
Amount of advance payment	60.13	Ten percent of Contract Price

Initials of Signatory of Tender _____

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) – 841 1872

FORM OF TENDER
Schedules to be Completed by Tenderer

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 1: Management Systems and Project Organization

The Tenderer shall provide details of his proposals for the management and organisation of the Contract.

These shall be in the form of written descriptions together with organization charts showing the management systems to be implemented and the structure of the management team including the basis of responsibility of key personnel, the relationship between the different team members, the relation of the site staff to home office staff or departments and the numbers of personnel in each section or category within the team.

The information provided shall address as a minimum

- cost control
- time control
- industrial relations
- community relations
- safety
- partnering process

Separate sheets shall be used as necessary and signed by the Tenderer.

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package 2 – Main Cable Stayed Bridge across the Hau River

Tender Schedule TS - 2: Curricula Vitae of Proposed Key Staff

The Tenderer shall complete or attach to this Schedule the following details in respect of the key people proposed for this project; by nominating personnel the Tenderer is committing to making them available to the project if he is awarded the contract:

- a curriculum vitae including full name and educational or trade qualifications, details of all relevant projects worked on in the last five years, the positions held and key client contacts and highlighting the experience of the person which will be relevant to the project, particularly as a member of a team on projects similar to this project;
- the nature of the person's proposed involvement in the project;
- current commitments and how those commitments would be managed if the Tenderer became the successful contractor for the project;

Details shall be provided for all key management and supervision staff proposed for the Works, which should include but not be limited to:

- Project Manager
- Quality Control Manager
- Cable Stayed Bridge Expert/Specialist (head office or site office)
- Project Superintendent
- Bridge Superintendent
- Road Superintendent
- Controller of Concrete Mixing Plant

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) – 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS – 3: Staff, Labour and Training

The Tenderer shall set out his estimate of the monthly labour force he will employ for the execution of the Works. Each category of the labour force is to be separately identified.

The Tenderer shall also include details of his proposals for the recruitment, deployment and training of all labour and professional staff.

The project is one with a high political and social profile and a major component of it is the appropriate training of technical staff. A draft training programme setting out the Tenderer's proposals to achieve this objective shall be attached.

The Tenderer's proposals shall conform to the requirements of Vietnamese Law and Clause 34 of the Conditions of Contract.

Separate sheets shall be used as necessary and signed by the Tenderer

**SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872**

**FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER**

**Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II**

Tender Schedule TS - 4: List of Proposed Contractor's Equipment

The tenderer shall set out his detailed list of proposed Contractor's Equipment.

Details shall include a description of the Contractor's Equipment including its make, model, capacity, ownership, date of manufacture, state of repair and machine hours.

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 5: Proposed Construction Working Hours

The Tenderer shall set out his proposed working hours. Where these vary for different operations each such operation and its corresponding working hours are to be identified. The Tenderer's attention is drawn to the provisions of Sub-Clauses 45.1 and 45.2 of the Special Conditions of Contract

Working Days and Hours

Number of days to be worked per week

Number of hours to be worked per day,

- Monday to Friday
- Saturday

Separate sheets may be used as necessary and signed by the Tenderer.

Signatory of Tender

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 6: Details of Proposed Engineering Services

The Tenderer shall provide details of the organizations, and the qualified and experienced engineers within those organizations, which he proposes would provide engineering services to the Contractor for all designs to be undertaken by the Contractor and for all construction control throughout the contract.

The Tenderer shall also provide details of the organizations, and the qualified and experienced engineers within those organizations, which he proposes would provide engineering services to the Contractor for proof checking throughout the contract. The Tenderer shall identify his proposals for the inter-relationship between the roles of those providing engineering services and the roles of those responsible for quality assurance.

Aspects to be addressed shall include construction sequencing as well as all temporary works

Separate sheets shall be used as necessary and signed by the Tenderer

**SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872**

**FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER**

**Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II**

Tender Schedule TS - 7: Details of any Joint Venture, Joint Participation or Consortium Partners

The Tenderer shall attach a copy of any joint venture, joint participation or consortium agreement. He shall also identify the extent of proposed participation of each partner in the management and execution of the Works.

Separate sheets shall be used as necessary and signed by the Tenderer

**SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872**

**FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER**

**Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II**

Tender Schedule TS - 8: Details of any Major Subcontractors and Suppliers

The Tenderer shall set out details of the major subcontractors and suppliers he proposes to use and the extent of their proposed participation in the execution of the Works.

Separate sheets shall be used as necessary and signed by the Tenderer

**SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872**

**FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER**

**Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II**

Tender Schedule TS - 9: Sources of Materials

The Tenderer shall provide details of the source, description and quantities of all materials and components to be incorporated into the works. Information shall include the name and address of proposed supplier, the details of the intended material source including country and quantity of materials

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 10: Detailed Proposed Program for Construction

The Tenderer shall set out his proposed program for the construction of the Works.

The program shall include each item of work and shall be detailed to show the following:

- The time and sequence required for executing the Works broken down into activities not exceeding one month.
- Dependencies between items of work as normally identified in Critical Path Analysis methods (in either precedence PERT or precedence GANTT form).
- The minimum duration of each item of work.
- All relevant time, site or other restraints including those imposed by the Tender Documents
- Milestones with their dates
- The sequence of activities which form the critical path for the completion of the project.
- The proposed human resources and plant for each item of work on the critical path.
- Interfaces with work by others
- Any work to be subcontracted with the name of the subcontractor identified

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) – 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 11: Detailed Proposed Construction Method Statement

The Tenderer shall set out his detailed proposed construction method statement. This shall include but not be limited to:

- the Tenderer's understanding of the nature and scope of the Contractor's activities;
- the proposed methodology for undertaking the role and responsibilities of the Contractor;
- his understanding of specific issues that may arise and method statements to manage those issues; and
- details of all proposed temporary works

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 12: Schedule of Prices & Rates for the Construction

(1) The Prices for the Construction of Fixed Price Works

The Tenderer shall insert his unit price and "total price" obtained by multiplying the unit price and quantity against each item in the Schedule of Prices for Construction of Fixed Price Works.

The prices, inclusive of all labour, materials, equipment, overhead costs and profit, set down against the items shall be taken as the full inclusive value of the finished fixed price work shown on the Drawings and/or described in the Specification or which can reasonably be inferred from them, and cover the cost of every description of temporary works required, all the Contractor's obligations under the Contract, and all matters and things necessary for the proper completion and maintenance of the Works. The Preamble to the Schedules of Prices and Rates forms part of this Schedule and its requirements shall be met.

The Tenderer shall make his own assessment of the scope of work included in the fixed price part of the Contract Price and shall verify that the estimated quantities in the Schedule of Prices for the Construction of Fixed Price Works are correct.

The Tenderer shall be deemed to have determined and verified the quantities and items of work with the Drawings and Specification prior to submitting his Tender and, if the Tenderer remains not satisfied with the quantities or items listed in the Schedule of Prices for the Construction of Fixed Price Works at the time of submitting his Tender, he shall insert in the Schedule any such items and quantities as computed by him for which he wishes to enter a price to cover the completion and proper performance of the Contract.

The fixed price part of the Contract Price shall be fixed prior to award of the Contract and the quantities making up this price will not be subject to remeasurement.

The Schedule will be used in assessing tenders and also progress claims during the construction of the Works. The quantities in the Schedule of Prices for Construction of Fixed Price Works, including any inserted and included in Bill 8 (Miscellaneous) are the Contractor's own assessment of the scope of work included in the fixed price part of the Contract Price and shall be fixed and not subject to remeasurement.

(2) The Rates for the Construction of Remeasured Works

The Tenderer shall insert his rates and amount against each item for the Construction of Remeasured Works.

The rates, inclusive of all labour, materials, overhead costs and profit, set down against the items shall be taken as the full inclusive rates for the finished work to be remeasured as shown on the Drawings and/or described in the Specification or which can reasonably be inferred from them, and cover the cost of every description of temporary works required, all the Contractor's obligations under the Contract, and all matters and things necessary for the proper completion and maintenance of the Works. The Preamble to the Schedules of Prices and Rates forms part of this Schedule and its requirements shall be met.

The Schedule will be used in assessing tenders and also progress claims during the construction of the Works. The quantities given in the Schedule are believed to be approximately correct, but they shall not be taken as a guarantee that the quantities will be carried out or are required or that they will not be exceeded. Quantities shall be measured in accordance with the provisions of Clauses 55 and 56 of the General Conditions of Contract.

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Schedule No. 1 General

Bill No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
1.1		General Items						
1.1.1	C10.1	Performance Security	LS	1				
1.1.2		Allow for conforming to Clauses 21.1, 22.1 22.2, 23.1, 23.2, 23.3, 24.1 and 24.2 of the Conditions of Contract (Insurances and Indemnities)	LS	1				
1.1.3		Contractor's Superintendence During Execution of the Works	mnth	55				
1.1.4	1.2	Provision and maintenance of the Contractor's quality system	mnth	55				
1.1.5	1.3	Provision and maintenance of the Contractor's safety	mnth	55				
1.2		Site Establishment & Plant						
1.2.1	1.7.9	Provision of the Contractor's site establishment required in the execution of the Works including Contractor's offices, workshops, plant areas, storage areas, fences, telephones, temporary services, weighbridge, and housing for contractor's staff and labour	LS	1				
1.2.2	1.42	Provision of contractor's temporary yard required in the execution of the work	LS	1				
1.2.3	1.7.2	Provision of temporary road and bridge works in the execution of the work	LS	1				
1.2.4	1.7.7	Provision of testing laboratory	LS	1				
1.2.5	1.7	Maintenance of site establishment including Contractor's offices, workshops, plant areas, temporary yards, storage areas, fences, telephones, temporary services weighbridge, testing laboratory and housing for contractor's staff and labour.	mnth	55				
1.2.6	1.7	Removal of the Contractor's site establishment	LS	1				

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Schedule No. 1 General

Bill No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
1.3		Accommodation for the Engineer						
1.3.1		Provision of the Engineer's office including all specified furniture, fittings & equipment except telephones						
	(1) 1.6.3	(1) Engineer's Main Office (400 m ²)	NO	1				
	(2) 1.6.3	(2) Engineer's Subsidiary Office (300 m ²)	NO	2				
1.3.2		Maintenance of the Engineer's office including all specified furniture, fittings & equipment.						
	(1) 1.6.3	(1) Engineer's Main Office No. 1	mnth	55				
	(2) 1.6.3	(2) Engineer's Subsidiary No. 2	mnth	110				
1.3.3		Provision of the Engineer's housing accommodation including including all specified furniture and equipment						
	(1) 1.6.1	(1) Expatriate staff accommodation	No	8				
	(2) 1.6.1	(2) Local staff accommodation	No	12				
1.3.4		Maintenance of the Engineer's housing accommodation including all specified furniture and equipment						
	(1) 1.6.1	(1) Expatriate staff accommodation	mnth	440				
	(2) 1.6.1	(2) Local staff accommodation	mnth	660				
1.3.5	1.6.3	Provision of miscellaneous equipment and supplies	PS					
	(3)							
1.3.6		Contractor's charges on Item 1.3.5 (fill in percentage and extend)	%					
1.3.7	1.6.3	Demobilisation and removal of the Engineer's Offices and laboratory	LS	1				
1.3.8	1.6.1	Demobilisation and removal of the Engineer's housing accommodation	LS	1				

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES

Schedule No. 1 General

Bill No.	TS No.	Description of Work	Unit	Quantity	Rate (₱)	Rate (₱)	Amount (₱)	Amount (₱)
1.4		Services & Equipment for the Engineer's Staff						
1.4.1	1.6.2	Provision of Engineer's vehicles						
		10 Seat Mini-bus-Mitsubishi Urvan, or Toyota Hi-Ace, or equivalent	No	1				
		LWB 4 Wheel Drive wagon – Toyota Landcruiser, or equivalent	No	4				
		4 Wheel Drive pickup, with lockable 'Carryboy' hard cover	No	4				
		4 door, 4 seater, medium engine capacity station wagon or hatchback saloon cars	No	3				
		100cc Suzuki, or equivalent excluding drivers	No	2				
		Suzuki 125, or equivalent, with wet weather tyres excluding drivers	No	2				
1.4.2	1.6.2	Maintenance of and fuel for Engineer's vehicles for distance travelled not exceeding 2,500km/vehicle month average in each 6 months period including drivers						
		10 Seat Mini-bus-Mitsubishi Urvan, or Toyota Hi-Ace, or equivalent	mnth	55				
		LWB 4 Wheel Drive wagon – Toyota Landcruiser, or equivalent	mnth	220				
		4 Wheel Drive pickup, with lockable 'Carryboy' hard cover	mnth	220				
		4 door, 4 seater, medium engine capacity station wagon or hatchback saloon cars	mnth	165				
		100cc Suzuki, or equivalent excluding drivers	mnth	110				
		Suzuki 125, or equivalent, with wet weather tyres excluding drivers	mnth	110				
1.4.3	1.6.5	Provision of Engineer's launches	No	2				
1.4.4	1.6.5	Maintenance of Engineer's launches including drivers	mnth	110				

NOTE: * The Prices for the Construction of Fixed Price Works

** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES

Schedule No. 1 General

Bill No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
1.4.5	1.6.4	Provision & maintenance of the Engineer's radios and telephones	LS	1				
	1.7.5	including handsets & mobile phones						
1.4.6	1.7.5	Provide for the cost of metered calls by the Engineer	PS					
1.4.7		Add for Overheads & Profit on Bl.1.4.6 at the rate in the Schedule of Overheads and Profit	%					
1.4.8	1.8.18	Ground Investigation	PS					
1.4.9	1.8.17	Assistance for the Engineer (16 laborers)	LS	1				
1.4.12	1.8.16	Provision & maintenance of all survey equipment for the Engineer and provide chainpersons, tradespersons & labourers as required including all tools & equipment	LS	1				
1.5		Temporary Works						
1.5.1	1.5	Maintenance and protection of vehicle traffic including watching, lighting, traffic signals & flags in accordance with all requirements of any regulatory authority	mnth	55				
1.5.2	1.5	Maintenance and protection of vessel traffic including watching, lighting, navigation buoys & flags in accordance with all requirements of any regulatory authority	mnth	55				
1.5.3	1.7.11	Working in and with, water flows including temporary dams, pumps, cofferdams, causeways etc	mnth	55				
1.5.4	TS6	Engineering services including proof checking	LS	1				
1.5.5	-	Allow for conforming to Schedule No. 1 General of the specification not covered elsewhere	mnth	55				

NOTE: * The Prices for the Construction of Fixed Price Works

** The Rates for the Construction of Remasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES

Schedule No. 1 General

Bill No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
1.5.6	-	Allow for conforming to the requirements of the conditions of Contract not covered elsewhere	LS	1				
Total Schedule No. 1 (General)								

NOTE: * The Prices for the Construction of Fixed Price Works

** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Schedule No. 2 Site Clearance and Demolition

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
2.1		Site Clearance and Demolition						
**2.1.1	2.7	Clearing and Grubbing and tree removal (less than 50 trees/100m ²) (Prov.)	Ha	0.1				
**2.1.2	2.7	Clearing and Grubbing and Tree Removal (More than 50 trees/100m ²)	m ²	10,985				
**2.1.3	2.3	Removed of Bridge, Culverts and other structure (Prov.)	No.	1				
**2.1.4	2.4	Removed of Curb (Prov.)	m ³	1				
**2.1.5	2.5	Removal of Pavement Footpaths, etc. (Prov.)	m ²	10				
**2.1.6	2.9	Removal of other Unsuitable Material (Prov.)	m ³	100				
		Total Schedule No. 2 (Site Clearance and Demolition)						

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES

Schedule No. 7 Piling

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
7.1		Piling						
**7.1.6	7.10	Pile Load Test A (for Bored Piles 3000mm Dia)	each	2				
**7.1.7	7.10	Pile Load Test B (Exclude Bored Piles 3000mm Dia)	each	3				
		Total Schedule No. 7 (Piling)						

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Schedule No. 12 Bridge Utility

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
12.3		Lighting Protection System						
12.3.1	13.23	Lighting Protection System	set	2				
12.4		Navigation Aids						
**12.4.1	13.33	Aviation Obstruction Lights System	set	2				
**12.4.2	13.33	Navigation Light at Bridge	set	16				
**12.4.3	13.33	Navigation Marker Buoys	set	2				
		Total Schedule No. 12 (Bridge Utility)						

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Schedule No. 13 Electrical Services

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
13.1		Electrical Services						
**13.1.1	13.10	Lighting Pole & Lighting Fixture (Double)	nos.	70				
**13.1.4		Lighting in Bridge Tower including Lighting Dist Board	nos.	232				
**13.1.5	13.17	Foundation for Lighting Pole including any of Calbes, Pipes for Cable Protection, Cable Rack, Manhole, Excavation & Backfilling for Load Lighting & LV Power Distribution System on the drawings	nos.	70				
**13.1.7	13.12	22kV Cable including any of Pipes for Cable Protection, Cable Rack, Manhole, Excavation & Backfilling	m	3,220				
**13.1.11		Substation D 300kVA including Substation Building	nos.	1				
		Total Schedule No. 13 (Electrical Services)						

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Schedule No. 16 Traffic Sign

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
16.1		Traffic Sign						
**16.1.4	16.1	Regulatory & Warning Signs, Type-4 Pole	each	4				
		Total Schedule No. 16 (Traffic Sign)						

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Bridge No. 5 – Vinh Long Side Approach Bridge I Girder A1-P12

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (¥)	Rate (฿)	Amount (¥)	Amount (฿)
		Substructure (A1-P11)						
*3.3.2	3.2	Excavation for Structures in any Material below the Water Table, Class-2	m ³	18,389				
*3.3.4	3.17	Backfill to Structures	m ³	12,623				
*4.1.4	4.4	Masonry Stone Slope Protection	m ²	2,760				
*4.1.6	4.13	Footing for Masonry Stone Slope Protection	m	133				
*7.1.8	7.13	Sonic Logging Test for Concrete Pile	each	12				
*8.1.7	8.5	Concrete, Class E (fc=24Mpa)	m ³	10,409.6				
*8.1.8	8.5	Concrete, Class F (fc=15Mpa)	m ³	328.1				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	1,459.0				
		Superstructure (A1-P12)						
*6.2.3	8.92	Waterproofing t=5mm	m ²	10,236.1				
*6.3.4	6.30	Asphalt Concrete Surface Course (t=70mm) for Concrete Bridge	m ²	10,236.1				
*8.1.5	8.5	Concrete, Class D-1 (fc=30 Mpa)	m ³	3,756.3				
*8.1.7	8.5	Concrete, Class E (fc=24Mpa)	m ³	246.3				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	619.0				
*8.2.4		Crossing Inner Prestressing Tendons A (for I-Girder Bridge, Hollow Slab Bridge, Cast in Place PC Box Girder Bridge & Strut of Pylon)	tonne	18.4				
*8.3.1	8.78	Precast Prestressed I-Girder, Span 40.0m	each	108				
*8.3.8	8.78	Precast Concrete Slabs (Class D) between Girders t=80mm	m ²	7,450.6				
*11.1.9	11.2	Bearing Pad with Accessories, Type 9 (600*400)(M) (I-Girder)	No	54				

NOTE: * The Prices for the Construction of Fixed Price Works

** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Bridge No. 5 – Vinh Long Side Approach Bridge I Girder A1-P12

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
*11.1.10	11.2	Bearing Pad with Accessories, Type 10 (600*500) (M) (I-Girder)	No	18				
*11.1.11	11.2	Bearing Pad with Accessories, Type 11 (650*550) (M) (Rmax=210) (I-Girder)	No	36				
*11.1.12	11.2	Bearing Pad with accessories, Type 12 (650*550) (F) (Rmax=210) (I-Girder)	No	108				
*12.1.2	12.4	Bridge Railing Type-B	m	1,085.8				
*12.1.5	12.1	Expansion Joint, Type C (50mm)	m	88.4				
*12.2.1	12.5	Drain Pipe, 200mm Dia. with Fittings & Supports (PVC)	m	991.0				
*12.2.2	12.5	Drain Pipe, 165mm Dia. with Fittings & Supports (PVC)	m	47.0				
*12.2.4	12.5	Deck Drain with Accessories, Type 2	each	72				
*17.1.1	17.1	Road Marking	m ²	412.4				
*17.1.6	17.9	Concrete Barrier, Type B (Bridge section)	m	465.6				
		Sub Total (Fixed Prices Works)						
		Substructure (A1-P11)						
**7.1.3	7.1	Cast-in-Place Concrete Piles 1500mm Dia Class D (fc=30Mpa), including Reinforcement	m	8,175.0				
		Sub Total (Remeasured Works)						
		Total Bridge No. 5 (Vinh Long Side Approach Bridge I-Girder A1-P12)						

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Bridge No. 6 – Stay Cablebridge (P12-P17)

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate ()	Amount (₹)	Amount ()
		Substructure (P12-P17)						
*3.3.2	3.2	Excavation for Structures in any Material below the Water Table, Class-2	m ³	7,516				
*3.3.3	3.2	Structure Excavation in River, Class-3	m ³	13,455				
*3.3.4	3.17	Backfill to Structures	m ³	677				
*4.1.7		Revetment Works	m ²	17,300				
*7.1.8	7.13	Sonic Logging Test for Concrete Pile	each	8				
*8.1.3	8.5	Concrete, Class B-2 (fc=40Mpa)	m ³	7767.8				
*8.1.6	8.5	Concrete, Class D-2 (fc=30Mpa)	m ³	28,892.0				
*8.1.7	8.5	Concrete, Class E (fc=24Mpa)	m ³	10,647.6				
*8.1.8	8.5	Concrete, Class F (fc=15Mpa)	m ³	389.6				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	4,221.9				
*8.2.4		Crossing Inner Prestressing Tendons A (for I-Girder Bridge, Hollow Slab Bridge, Cast in Place PC Box Girder Bridge & Strut of Pylon)	tonne	65.4				
		Superstructure (P12-P17)						
*6.2.3	8.92	Waterproofing t=5mm	m ²	18,920.0				
*6.2.4		Bound Layer for Metal Bridge	m ²	4,515.0				
*6.3.2	6.30	Asphalt Concrete Course for Metal Bridge (t=70mm)	m ²	4,515.0				
*6.3.4	6.30	Asphalt Concrete Surface Course (t=70mm) for Concrete Bridge	m ²	18,920.0				
*8.1.1	8.5	Concrete, Class A (fc=50Mpa)	m ³	188.6				
*8.1.3	8.5	Concrete, Class B-2 (fc=40Mpa)	m ³	17632.2				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	1,660.0				
*8.4.1	8.46	Production of PC Box Girder Segment in Yard	each	220				

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Bridge No. 6 – Stay Cablebridge (P12-P17)

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
*8.4.2	8.46	Erection of PC Box Girder Segment at Pylon	each	12				
*8.4.3	8.46	Erection of PC Box Girder Segment Excluding Pylon	each	208				
*8.4.4		Longitudinal Inner Prestressing Tendons at Erection for Stay Cable Bridge	tonne	497.9				
*8.4.5		PC Bar at Erection for Stay Cable Bridge	tonne	77.7				
*8.4.6		Tie Down Cable System	LS	1				
*9.1.1		Production & Fabrication of Steel Segment	tonne	2,776.5				
*9.1.2		Production & Fabrication of Steel & PC Composite Segment	each	2				
*9.1.3		Steel Segment Erection	tonne	2,776.5				
*9.1.4		Composite Segment Erection	each	2				
*10.1.1	10.1	Stay Cable Installation	tonne	1,587.0				
*10.1.2	10.12	Dumper	No	128				
*11.1.16	11.3	Bearing Pad with Accessories, Type 16 (1120*1120*437) (Stay Cable)	No	6				
*11.1.17	11.3	Bearing Pad with accessories, Type 17 (1220*1220*459) (Stay Cable)	No	6				
*11.1.19	11.3	Bearing Pad with accessories, Type 18 (1120*1120*424.5) (Stay Cable)	No	6				
*11.1.21	11.3	Bearing Pad with Accessories, Type 18 (1470*1470*424.5) (Stay Cable)	No	6				
*12.1.1	12.4	Bridge Railing type-A	m	2,180.0				
*12.1.3	12.1	Expansion Joint, Type A (300mm)	m	44.2				
*12.2.1	12.5	Drain Pipe, 200mm Dia. with Fittings & Supports (PVC)	m	1,340.8				
*12.2.3	12.5	Deck Drain with Accessories, Type 1	each	619				
*17.1.1	17.1	Road Marking	m ²	904.1				
*17.1.6	17.9	Concrete Barrier, Type B (Bridge section)	m	1,068.0				
		Sub Total (Fixed Prices Works)						
**7.1.1	7.1	Cast-in-Place Concrete Piles 3000mm Dia Class D (fc=30Mpa), including Reinforcement	m	8,000.0				

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Bridge No. 6 – Stay Cablebridge (P12-P17)

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
**7.1.2	7.1	Cast-in-Place Concrete Piles 2000mm Dia Class D (fc=30Mpa), including Reinforcement, with Permanent Stand Pipe	m	3,700.0				
**7.1.3	7.1	Cast-in-Place Concrete Piles 1500mm Dia Class D (fc=30Mpa), including Reinforcement	m	2,940.0				
		Sub Total (Remeasured Works)						
		Total Bridge No. 6 (Stay Cable Bridge P12-P17)						

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES

Bridge No. 7 – Can Tho Side Approach Bridge I-Girder (P17-P36)

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
		Substructure (P18-P35)						
*3.3.2	3.2	Excavation for Structures in any Material below the Water Table, Class-2	m ³	18,001				
*3.3.3	3.2	Structure Excavation in River, Class-3	m ³	7,260				
*3.3.4	3.17	Backfill to Structures	m ³	12,016				
*7.1.8	7.13	Sonic Logging Test for Concrete Pile	each	18				
*8.1.7	8.5	Concrete, Class E (fc=24Mpa)	m ³	14,982.7				
*8.1.8	8.5	Concrete, Class F (fc=15Mpa)	m ³	191.5				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	2,186.4				
		Superstructure (P17-P36)						
*6.2.3	8.92	Waterproofing t=5mm	m ²	2,440.3				
*6.3.4	6.30	Asphalt Concrete Surface Course (t=70mm) for Concrete Bridge	m ²	2,440.3				
*8.1.5	8.5	Concrete, Class D-1 (fc=30Mpa)	m ³	5,969.7				
*8.1.7	8.5	Concrete, Class E (fc=24Mpa)	m ³	390.0				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	985.2				
*8.2.4		Crossing Inner Prestressing Tendons A (for I-Girder Bridge, Hollow Slab Bridge, Cast in Place PC Box Girder Bridge & Strut of Pylon)	tonne	29.5				
*8.3.1	8.78	Precast Prestressed I-Girder, Span 40.0m	each	171				
*8.3.8	8.78	Precast Concrete Slabs (Class D) between Girders t=80mm	m ²	11,796.7				
*11.1.9	11.2	Bearing Pad with Accessories, Type 9 (600*400) (M) (I-Girder)	No	63				
*11.1.10	11.2	bearing Pad with Accessories, Type 10 (600*500) (M) (I-Girder)	No	45				

NOTE: * The Prices for the Construction of Fixed Price Works

** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Bridge No. 7 – Can Tho Side Approach Bridge I-Girder (P17-P36)

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₺)	Rate (₪)	Amount (₺)	Amount (₪)
*11.1.11	11.2	Bearing Pad with Accessories, Type 11 (650*550) (M) (Rmax=210) (I-Girder)	No	108				
*11.1.12	11.2	Bearing Pad with Accessories, Type 12 (650*550) (F) (Rmax=210) (I-Girder)	No	126				
*12.1.2	12.4	Bridge Railing Type-B	m	1,520.0				
*12.1.5	12.1	Expansion Joint, Type C (50mm)	m	110.5				
*12.2.1	12.5	Drain Pipe, 200mm Dia. with Fittings & Supports (PVC)	m	1,451.5				
*12.2.2	12.5	Drain Pipe, 165mm Dia. with Fittings & Supports (PVC)	m	74.5				
*12.2.4	12.5	Deck Drain with Accessories, Type 2	each	114				
*17.1.1	17.1	Road Marking	m ²	653.0				
*17.1.6	17.9	Concrete Barrier, Type B (Bridge section)	m	739.6				
		Sub Total (Fixed Prices Works)						
**7.1.4	7	Substructure (P18-P35) Cast-in-Place Concrete Piles 1500mm Dia Class C (fc=30Mpa), including Reinforcement, with Permanent Stand Pipe	m	14,576.0				
		Sub Total (Remeasured Works)						
		Total Bridge No. 7 (Can Tho Side Approach Bridge I-Girder (P17-P36))						

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Bridge No. 8 – Can Tho Side Approach Bridge 5 Span PC Box Girder P36-P41

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (¥)	Rate (฿)	Amount (¥)	Amount (฿)
		Substructure (P36-P41)						
*3.3.3	3.2	Structure Excavation in River, Class-3	m ³	1,340.7				
*7.1.2	7	Cast-in-Place Concrete Piles 2000mm Dia Class C (fc=30Mpa), including Reinforcement, with Permanent Stand Pipe	m	3,624.0				
*7.1.4	7	Cast-in-Place Concrete Piles 1500mm Dia Class C (fc=30Mpa), including Reinforcement, with Permanent Stand Pile	m	1,260.0				
*7.1.8	7.13	Sonic Logging Test for Concrete Pile	each	6				
*8.1.7	8.5	Concrete, Class E (fc=24Mpa)	m ³	6,077.6				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	699.5				
		Superstructure (P36-P41)						
*6.2.3	8.92	Waterproofing t=5mm	m ²	7,305.7				
*6.3.4	6.30	Asphalt concrete Surface Course (t=70mm) for Concrete Bridge	m ²	7,305.7				
*8.1.2	8.5	Concrete, Class B-1 (fc=40Mpa)	m ³	7,296.2				
*8.1.7	8.5	Concrete, Class E (fc=24Mpa)	m ³	174.7				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	857.5				
*8.2.2		Longitudinal Inner Prestressing Tendons at Erection (for Hollow Slab Bridge & Cast in Place PC Box Girder Bridge)	tonne	156.5				
*8.2.3		Longitudinal External Prestressing Tendons, After the Erection Completed (for Cast in Place PC Box Girder Bridge)	tonne	28.9				

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Bridge No. 8 – Can Tho Side Approach Bridge 5 Span PC Box Girder P36-P41

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (¥)	Rate (฿)	Amount (¥)	Amount (฿)
*8.2.4		Crossing Inner Prestressing Tendons A (for I-Girder Bridge, Hollow Slab Bridge, Cast in Place PC Box Girder Bridge & Strut of Pylon)	tonne	27.1				
*11.1.14	11.2	Bearing Pad with Accessories, Type 14 (720*720*130) (PC Box)	No	6				
*11.1.15	11.2	Bearing Pad with Accessories, Type 15 (1620*1620*265) (PC Box)	No	12				
*12.1.2	12.4	Bridge Railing Type-B	m	339.8				
*12.1.4	12.1	Expansion Joint, Type B (100mm)	m	44.2				
*12.2.1	12.5	Drain Pipe, 200mm Dia. with Fittings & Supports (PVC)	m	679.7				
*12.2.2	12.5	Drain Pipe, 165mm Dia. with Fittings & Supports (PVC)	m	126.4				
*12.2.4	12.5	Deck Drain with Accessories, Type 2	each	52				
*17.1.1	17.1	Road Marking	m ²	292.2				
*17.1.6	17.9	Concrete Barrier, Type B (Bridge section)	m	331.8				
		Sub Total (Fixed Prices Works)						
		Substructure (P36-P41)						
**7.1.2	7	Cast-in-Place Concrete Piles 2000mm Dia Class C (fc=30Mpa), including Reinforcement, with Permanent Stand Pipe	m	3,624.0				
**7.1.4	7	Cast-in-Place Concrete Piles 1500mm Dia Class C (fc=30Mpa), including Reinforcement, with Permanent Stand Pipe	m	1,260.0				
		Sub Total (Remeasured Works)						
		Total Bridge No. 8 (Can Tho Side Approach Bridge 5 Span PC Box Girder P36-P41)						

NOTE: * The Prices for the Construction of Fixed Price Works

** The Rates for the Construction of Remeasured Works

PACKAGE-2, MAIN BRIDGE INCLUDING APPROACH STRUCTURES
Bridge No. 9 – Can Tho Side Approach Bridge I-Girder P41-A2

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (₹)	Rate (₹)	Amount (₹)	Amount (₹)
		Substructure (P42-A2)						
*3.3.2	3.2	Excavation for Structures in any Material below the Water, Class-2	m ³	2,451				
*3.3.4	3.17	Backfill to Structures	m ³	1,512				
*4.1.4	4.4	Masonry Stone Slope Protection	m ²	2,692				
*4.1.6	4.13	Footing for Masonry Stone Slope Protection	m	131				
*7.1.8	7.13	Sonic Logging Test for Concrete Pile	each	2				
*8.1.7	8.5	Concrete, Class E (fc=24Mpa)	m ³	1,358.4				
*8.1.8	8.5	Concrete, Class F (fc=15Mpa)	m ³	44.9				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	159.4				
		Superstructure (P41-A2)						
*6.2.3	8.92	Waterproofing t=5mm	m ²	1,701.3				
*6.3.4	6.30	Asphalt concrete Surface Course (t=70mm) for Concrete Bridge	m ²	1,701.3				
*8.1.5	8.5	Concrete, Class D-1 (fc=30Mpa)	m ³	588.2				
*8.1.7	8.5	Concrete, Class E (fc=24Mpa)	m ³	41				
*8.2.1	8.41	Reinforcing Steel Bars (for Pylon, Pile Cap, Cast in Place PC Box Girder, Hollow Slab, Slab & Diaphragm of I-Girder, Pier, Footing, Abutment, Approach Slab & Bridge Curb)	tonne	104.8				
*8.2.4		Crossing Inner Prestressing Tendons A (for I-Girder Bridge, Hollow Slab Bridge, Cast in Place PC Box Girder Bridge & Strut of Pylon)	tonne	2.6				
*8.3.1	8.78	Precast Prestressed I-Girder, Span 40.0m	each	18				
*8.3.9	8.78	Precast Concrete Slabs (Class C) between Girders t=80mm	m ²	3,725.3				
*11.1.9	11.2	Bearing Pad with Accessories, Type 9 (600*400) (M) (I-Girder)	No	18				
*11.1.13	11.2	Bearing Pad with Accessories, Type 13 (650*550) (F) (Rmax=220) (I-Girder)	No	18				

NOTE: * The Prices for the Construction of Fixed Price Works
 ** The Rates for the Construction of Remeasured Works

PACKAGE-2. MAIN BRIDGE INCLUDING APPROACH STRUCTURES

Bridge No. 9 – Can Tho Side Approach Bridge I-Girder P41-A2

B/Q No.	TS No.	Description of Work	Unit	Quantity	Rate (¥)	Rate (฿)	Amount (¥)	Amount (฿)
*12.1.2	12.4	Bridge Railing Type-B	m	160.0				
*12.1.5	12.1	Expansion Joint, Type C (50mm)	m	22.1				
*12.2.1	12.5	Drain Pipe, 200mm Dia. with Fittings & Supports (PVC)	m	134.6				
*12.2.2	12.5	Drain Pipe, 165mm Dia. with Fittings & Supports (PVC)	m	7.8				
*12.2.4	12.5	Deck Drain with Accessories, Type 2	each	12				
*17.1.1	17.1	Road Marking	m ²	68.6				
*17.1.6	17.9	Concrete Barrier, Type B (Bridge section)	m	76.4				
		Sub Total (Fixed Prices Works)						
**7.1.3	7.1	Substructure (P42-A2) Cast-in-Place Concrete Piles 1500mm Dia Class C (fc=30Mpa), including Reinforcement	m	1,356.0				
		Sub Total (Remeasured Works)						
		Total Bridge No. 9 (Can Tho Side Approach Bridge I-Girder A41-A2)						

NOTE: * The Prices for the Construction of Fixed Price Works

** The Rates for the Construction of Remeasured Works

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 13: Schedule of Rates for Daywork

The Tenderer shall insert his rates against each item of labour and plant identified in Schedules TS - 3 and TS - 4 for the purposes of the valuation of any work ordered to be carried out by Daywork and not specifically detailed as an item in the Schedule of Prices for the Construction of Fixed Price Works or the Schedule of Rates for the Construction of Remeasured Works.

The rates in the Schedule of Rates for Daywork shall include for transport of plant and labour to the site. Plant rates shall include the cost of fuel and all other consumables but shall exclude the cost of operators who shall be charged as labour. The Preamble to the Schedules of Prices and Rates forms part of this Schedule and its requirements shall be met.

Subject to the provisos of the preceding paragraph the rates in the Schedule of Rates for Daywork shall be basic cost rates and exclude overheads and profits which will be paid additionally at the percentages shown in Schedule TS - 14, Schedule of Overheads and Profit.

It is important that all proposed items of plant are identified.

Separate sheets shall be used as necessary and signed by the Tenderer

Schedule of Rates for Daywork

Item	Description	Unit of Measurement	Rate (¥)	Rate (฿)

Item	Description	Unit of Measurement	Rate (₹)	Rate (₱)

.....
Signature of Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 14: Schedule of Overheads and Profit

The Tenderer shall insert his rates and percentages against the appropriate item.

The rate per day for overheads will be used for the calculation of delay and disruption costs incurred by the contractor in accordance with Sub-clause 44.4 of the Conditions of Contract.

The rate percent for overheads will be used for the calculation of overheads including supervision to be paid for Daywork and for the calculation of the overhead component, including supervision, of any rates that, if the Contract fails to contain any applicable rates or any rates which may be used as the basis for valuation, need to be agreed upon or fixed for the purpose of valuing variations in accordance with Sub-Clause 52.1 of the Conditions of Contract.

The rate percent for profit will be used for the calculation of profit to be paid for Daywork and for the calculation of the profit component of any rates that, if the Contract fails to contain any applicable rates or any rates which may be used as the basis for valuation, need to be agreed upon or fixed for the purpose of valuing variations in accordance with Sub-Clause 52.1 of the Conditions of Contract.

If the Tenderer believes it appropriate he may provide separate rates for different elements of the work, eg a rate for foundation works separate from that for superstructure works.

The Preamble to the Schedules of Prices and Rates forms part of this Schedule and its requirements shall be met.

Schedule of Overheads and Profit

Item	Description	Unit	Rate
1	Overheads	Ø/DAY	
2	Overheads	¥/DAY	
3.1	Overheads on plant	%	
3.2	Overheads on labour	%	
3.3	Overheads on materials	%	
4.1	Profit on plant	%	
4.2	Profit on labour	%	
4.3	Profit on materials	%	

.....
Signature of Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 15: Estimated Monthly Cash Flow

The Tenderer shall set out his estimate of anticipated monthly work value certified and anticipated progress payments, having regard to retention, payment and repayment of the advance payment.

Estimated Monthly Cash Flow

Contract Month No.	Estimated Value of Monthly Certificates		Estimated Monthly Payments		Date Payment Due	Cumulative Amount of Payment	
	(¥)	(Đ)	(¥)	(Đ)		(¥)	(Đ)
Advance							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Contract Month No.	Estimated Value of Monthly Certificates		Estimated Monthly Payments		Date Payment Due	Cumulative Amount of Payment	
	(₹)	(₹)	(₹)	(₹)		(₹)	(₹)
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							

.....
Signature of Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 16: Details of Insurances

The Tenderer shall set out details of his proposed insurances. These shall include but not be limited to:

- Insurance Type
- Insurance Company
- Policy No
- Extent of Cover per incident
- Extent of cover aggregate
- Expiry date

and shall cover as a minimum:

- Insurance of the Works
- Third party public liability insurance
- Workers compensation insurance, and
- Professional indemnity insurance
- Motor vehicle insurance
- Marine risk insurance

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 17: Quality System

The Tenderer shall set out details of his proposed quality system to be in accordance with the requirements of ISO 9001 and with the appropriate standard from the ISO 9000 series for each sub-contract.

Information shall include, but not be limited to the following:

- A controlled copy of the Tenderer's Quality Manual and System Element Procedures.
- A Quality Plan, including specific system procedures for all design elements and system and technical procedures for all other elements.
- A list of recently completed and generally equivalent projects for which the Quality Systems have been implemented with ISO 9000 or an equivalent national standard. In the case of an equivalent national standard this should be identified.
- Outline of typical existing procedures, inspection and test plans, and work instructions.
- Proposed testing laboratories.

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 18: Safety Plan

The Tenderer shall submit a Safety Plan, in accordance with the current Vietnamese occupational health, safety and rehabilitation management system guidelines.

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) – 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 19: Environmental Management Plan

The Tenderer shall submit an Environmental Management Plan in accordance with the requirements of Sub-clause 1.2.7 - Environmental Management in the Technical Specification, including:

- Details of the methods proposed to comply with the requirements for runoff and erosion control, particularly related to but not restricted to constructed embankments, borrow pits, and stockpiles; and
- Details of environmental management of the removal transport and disposal of existing unsuitable material under the embankments including protection of the existing stream beds and environs.

Separate sheets shall be used as necessary and signed by the Tenderer

**SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872**

**FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER**

**Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II**

Tender Schedule TS - 20: Details of Existing Services

The Tenderer shall submit details of his proposals to obtain the accurate location of services in advance of work being undertaken.

The Tenderer shall attach to this Schedule a statement on his understanding of the nature and scope of the Contractor's Activities in relation to existing services to ensure their continued integrity.

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) – 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 21: - Contractor's Compound

The Tenderer shall submit information, both descriptive and on a drawing, on his proposed layout and usage of the areas available for the Contractor's Compounds on both sides of the river, in accordance with the requirements of Sub-clause 1.7.9 - Contractor's compounds, offices and stores in the Technical Specification.

The details to be given shall include:-

- Location and sizes of site offices, stores, Contractor's Equipment sheds, canteens and the like;
- Access roads;
- Concrete batching plant location and details;
- Precast yard location and details;
- Loading out jetties;
- River movement and mooring proposals;
- Location and capacity of site utilities and services such as power, water, telephones, etc;
- Materials stockpiles;
- Compounds and security measures
- Communications
- Housing for labour (if applicable)

The tenderer shall also describe the impacts of the compound on the surrounding neighbourhood, together with his proposals to ameliorate those impacts

Separate sheets shall be used as necessary and signed by the Tenderer

**SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872**

**FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER**

**Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II**

Tender Schedule TS - 22: River and Road Traffic Management Plan

The Tenderer shall submit his proposed River and road traffic management Plan, in accordance with the requirements of Clauses 1.5 – Maintenance of Traffic in the Technical Specification.

Separate sheets shall be used as necessary and signed by the Tenderer

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF TENDER
INFORMATION TO BE COMPLETED BY TENDERER

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Tender Schedule TS - 23: Tender Security

The Tenderer shall provide a tender security in the form below:

FORM OF BANK GUARANTEE FOR TENDER SECURITY

No. _____ Date _____

WHEREAS, _____ (Name of Tenderer) (hereinafter called the "Tenderer"), whose registered office is at _____ (Address), has submitted his tender (hereinafter called the Tender) dated _____ (Date) to My Thuan PMU for the construction and completion of Can Tho Bridge, Package _____ (Name and No of Package),

AND WHEREAS it has been agreed that the Tenderer shall obtain and provide a security for his proper adherence to the Conditions of Tendering,

We, _____ (Name of a State Bank or a Private Bank in Vietnam) (hereinafter called the Guarantor), having our Registered Office at _____ (Address), guarantee to pay to My Thuan PMU as primary obligator, on demand, up to the maximum aggregate sum of _____ (Amount of Yen in Words) Japanese Yen, ¥ _____ (Amount of Yen in Figures) which may be demanded by My Thuan PMU from the Guarantor if:

- (a) the Tenderer withdraws his Tender during the period of tender validity specified in the Tender Form;

or

(b) the Tenderer, having been notified of the acceptance of his Tender by My Thuan PMU during the period of tender validity;

- fails or refuses to execute the Contract in accordance with the Tender Documents, if required; or
- fails or refuses to furnish the Performance Security, in accordance with the Tender Documents,

The Guarantor undertakes unconditionally to pay irrevocably to My Thuan PMU up to the above amount upon the receipt of its first written demand, without My Thuan PMU having to substantiate its demand provided that in its demand My Thuan PMU will note that the amount claimed is due to it as a result of the occurrence of one or more of the above conditions and will specify the occurred condition or conditions.

This payment will be made without any need for My Thuan PMU to demand payment from the Tenderer, without reference by the Guarantor to the Tenderer and notwithstanding any notice given by the Tenderer not to make the payment.

This guarantee will remain in full force up to and including the date **180** days after the closing date for submission of tenders as stated in the Tender Documents or as may be extended by My Thuan PMU, and agreed to by the Tenderer, notice of which extension(s) and agreement(s) to the Guarantor is hereby waived.

SEALED with the Common Seal of the said Guarantor this ^(date) day of ^(month) 20 ^(year).

SIGNATURE AND SEAL OF THE GUARANTOR _____

WITNESS _____
(Signature)

WITNESS _____

(Name and Address to be provided)

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF AGREEMENT

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

FORM OF AGREEMENT

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

This Agreement made the _____ day of _____ 19 _____

Between _____
of _____

(hereinafter called "the Employer") of the one part and

_____ of _____

(hereinafter called "the Contractor") of the other part

Whereas the Employer is desirous that certain Works should be executed by the Contractor, viz Can Tho Bridge Construction Project Package II and has accepted a Tender by the Contractor for the execution and completion of such Works and the remedying of any defects therein

Now this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:-
 - The Letter of Acceptance
 - Any letters, minutes of meetings and other communications during clarification and negotiation prior to award which are agreed by the parties to form part of the Contract

- The Conditions of Contract Part II
- The Conditions of Contract Part I
- The Specification
- The Drawings
- The Schedules of Priced of Bill of Quantities
- The Conditions of Tendering
- The Tender

3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying of defects therein the Contract Price or such other as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

In Witness whereof the parties hereto have caused this Agreement to be executed the day and year first before written in accordance with their respective laws.

The Employer:

The Contractor:

My Thuan PMU

_____ (name)

By:

_____ (signature)

_____ (signature)

_____ (name)

_____ (name)

_____ (position)

_____ (position)

In the presence of:

_____ (signature)

_____ (signature)

_____ (name)

_____ (name)

_____ (position)

_____ (position)

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

CONDITIONS OF CONTRACT
PART I GENERAL CONDITIONS

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

**SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872**

Part I General Conditions

**Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II**

The Conditions of Contract Part I – General Conditions – shall be the “Conditions of Contract for Works of Civil Engineering Construction”, “Fourth Edition 1987, Reprinted 1988 with editorial amendments, Reprinted 1992 with further amendments”, as prepared by the Federation Internationale des Ingenieurs-Conseils (FIDIC). These General Conditions are subject to variations and additions set out in Part II of the Conditions of Contract entitled “Conditions of Particular Application”.

Copies of the “Conditions of Contract for Works of Civil Engineering Construction” are available from FIDIC via its web site: <http://www.fidic.org/>

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

CONDITIONS OF CONTRACT
PART II CONDITIONS OF PARTICULAR APPLICATION

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

Part II Conditions of Particular Application

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

CONTENTS

Sub-Clause 1.1	Definitions
Sub-Clause 1.6	Contra Proferentem
Sub-Clause 2.7	Engineer's Duties and Authority
Sub-Clause 4.3	Seeking Consent to Subcontract
Sub-Clause 4.4	Obligations not to be Subcontracted
Sub-Clause 4.5	Responsibilities of Contractor
Sub-Clause 5.1	Language and Law
Sub-Clause 5.2	Priority
Sub-Clause 6.3	Disruption of Progress
Sub-Clause 6.4	Delays and Cost of Delays of Drawings
Sub-Clause 7.3	Responsibility Unaffected by Approval
Sub-Clause 8.2	Construction Engineering
Sub-Clause 8.3	Proof Check of Contractor's Designs
Sub-Clause 10.1	Performance Security
Sub-Clause 11.1	Site Information
Sub-Clause 11.2	Non-Reliance
Sub-Clause 12.1	Sufficiency of Tender
Sub-Clause 12.2	Not Foreseeable Physical Obstructions or Conditions
Sub-Clause 12.3	Engineer to Investigate
Sub-Clause 12.4	Extension of Time and Costs for Not Foreseeable Physical Obstructions or Conditions
Sub-Clause 12.5	Mitigation
Sub-Clause 13.2	Work and materials of a minor nature
Sub-Clause 14.1	Program To Be Submitted
Sub-Clause 14.2	Revised programme
Sub-Clause 14.3	Cash Flow Estimate To Be Submitted
Sub-Clause 14.4	Contractor not Relieved of Duties or Responsibilities
Sub-Clause 15.1	Contractor's Superintendence
Sub-Clause 15.2	Language Ability of Contractor's Representative
Sub-Clause 16.2	Engineer at liberty to object

Sub-Clause 16.3	Language Ability Of Superintending Staff
Sub-Clause 16.4	Staff and Labour from Viet Nam
Sub-Clause 17.1	Setting Out
Sub-Clause 17.2	Prior Works
Sub-Clause 20.4	Employer's risks
Sub-Clause 25.5	Evidence of Currency of Insurance
Sub-Clause 27.1	Fossils
Sub-Clause 28.2	Royalties
Sub-Clause 31.1	Opportunities for other contractors
Sub-Clause 34.2	Rates of Wages and Conditions Of Labour
Sub-Clause 34.3	Hiring of Labour for the Works
Sub-Clause 34.4	Employment of Persons in Service of Others
Sub-Clause 34.5	Expatriate Visas And Work Permits
Sub-Clause 34.6	Repatriation of Labour
Sub-Clause 34.7	Employment of Vietnamese Professional Staff/Training
Sub-Clause 34.8	Safety
Sub-Clause 34.9	Health of Site Personnel
Sub-Clause 34.10	Measures against Insect and Pest Nuisance
Sub-Clause 34.11	Epidemics
Sub-Clause 34.12	Occupational Health, Safety and Rehabilitation Plan to be Submitted
Sub-Clause 34.13	Contractor not to Commence or Continue Work
Sub-Clause 34.14	Revised Occupational Health, Safety and Rehabilitation Plan
Sub-Clause 34.15	Housing for Labour
Sub-Clause 34.16	Supply of Foodstuffs
Sub-Clause 34.17	Supply of Water
Sub-Clause 34.18	Alcoholic Liquor And Prohibited Drugs
Sub-Clause 34.19	Arms And Ammunition
Sub-Clause 34.20	Festivals And Religious Customs
Sub-Clause 34.21	Disorderly Conduct
Sub-Clause 34.22	Burial of the Dead
Sub-Clause 34.23	Observance by Sub-contractors
Sub-Clause 35.2	Supply of Records and Daily Return
Sub-Clause 35.3	Records Of Safety And Health
Sub-Clause 35.4	Reporting Of Accidents
Sub-Clause 36.5	Engineer's Determination where Tests not Provided for
Sub-Clause 36.6	Manufacturer's Direction
Sub-Clause 37.1	General Requirements
Sub-Clause 37.6	General Requirements
Sub-Clause 37.7	Approval of Test
Sub-Clause 37.8	Acceptance
Sub-Clause 37.9	Contractor Not Relieved
Sub-Clause 40.2	Engineer's Determination following Suspension
Sub-Clause 42.2	Failure to Give Possession
Sub-Clause 42.4	Site Conditions
Sub-Clause 42.5	Access Routes
Sub-Clause 42.6	Provision of Access to Others
Sub-Clause 43.1	Time for Completion
Sub-Clause 43.2	Time for Completion of The Engineer's Offices and Laboratory
Sub-Clause 43.3	Time for Completion of The Engineer's Housing Accommodation

Sub-Clause 43.4	Time for Completion of The Engineer's Vehicles
Sub-Clause 44.1	Extension of Time for Completion
Sub-Clause 44.2	Contractor to Provide Notification and Detailed Particulars
Sub-Clause 44.4	Agreed Damages for Delay
Sub-Clause 45.1	Restriction On Working Hours
Sub-Clause 45.2	Relaxation Of Restrictions On Working Hours
Sub-Clause 47.1	Liquidated Damages for Delay in Completion of the Whole of the Works
Sub-Clause 47.2	Liquidated Damages for Delay in Provision of the Engineer's Offices and Laboratory
Sub-Clause 47.3	Liquidated Damages for Delay in Provision of the Engineer's Housing
Sub-Clause 47.4	Liquidated Damages for Delay in Provision of the Engineer's Vehicles
Sub-Clause 49.5	Extension of Defects Liability Period
Sub-Clause 52.1	Valuation Of Variations
Sub-Clause 52.2	Power Of Engineer To Fix Rates
Sub-Clause 52.3	Variations Exceeding 15 Per Cent
Sub-Clause 52.5	Daywork Rates
Sub-Clause 53.6	Nature of Claims
Sub-Clause 54.9	Employer Not Responsible For The Delays
Sub-Clause 55.1	Quantities
Sub-Clause 56.1	Works to be Measured
Sub-Clause 56.2	Schedule of Rates for the Construction of Remeasured Works
Sub-Clause 56.3	Schedule of Prices for the Construction of Fixed Price Works
Sub-Clause 57.1	Method of Measurement
Sub-Clause 60.11	Place Of Payment
Sub-Clause 60.12	Currencies Of Account And Rates Of Exchange
Sub-Clause 60.13	Advance Payment
Sub-Clause 60.14	Calculation of Minimum Amount of Interim Certificates
Sub-Clause 65.4	Projectile, Missile
Sub-Clause 68.2	Notice to Employer and Engineer
Sub-Clause 68.4	After Hours Calls
Sub-Clause 70.1	Increase Or Decrease Of Cost
Sub-Clause 70.2	Subsequent Legislation
Sub-Clause 70.3	Adjustment after Date of Completion
Sub-Clause 72.3	Currencies Of Payment For Provisional Sums
Sub-Clause 73.1	Details To Be Confidential
Sub-Clause 74.1	Establishment Area for the Contractor and Engineer
Sub-Clause 74.2	Temporary Services during Construction
Sub-Clause 76.1	Contractor's Floating Plant
Sub-Clause 77.1	Navigation
Sub-Clause 78.1	Removal of Sunken Plant
Sub-Clause 79.1	Diving
Sub-Clause 80.1	Bribery
Sub-Clause 81.1	As-Built Drawings
Sub-Clause 82.1	Testing ³⁷
Sub-Clause 83.1	Progress Meetings And Reports
Sub-Clause 84	Joint Venture Liability

Sub-Clause 84.1	Quality System General
Sub-Clause 84.2	Quality System Documentation to be Submitted
Sub-Clause 84.3	Revised Project Quality Plan
Sub-Clause 84.4	No Duty of Care
Sub-Clause 84.5	Quality Reports
Sub-Clause 84.6	Surveillance and Audits by the Engineer
Sub-Clause 85	Waiver of Conditions
Sub-Clause 86	Non-Reliance
Sub-Clause 87	Indemnity

SOCIALIST REPUBLIC OF VIET NAM
MINISTRY OF TRANSPORT
MY THUAN PROJECT MANAGEMENT UNIT
My Thuan Project Management Unit (My Thuan PMU)
127B Dinh Tien Hoang St, Binh Thanh District Ho Chi Minh City - Viet Nam
Tel: (84 - 8) - 841 0088; Fax: (84 - 8) - 841 1872

PART II CONDITIONS OF PARTICULAR APPLICATION

Can Tho Bridge Construction Project
Under JBIC Loan Agreement
Package II

Sub-Clause 1.1 Definitions

- (a)(i) The Employer is My Thuan PMU
- (a)(iv) The Engineer is Nippon Koei Co. Ltd.
- (b)(iv) Delete subparagraph (b)(iv) and substitute the following:

“Schedule of Prices means the schedule named Schedule of Prices for the Construction of Fixed Price Works duly completed by the Contractor, including his verification of quantities, and priced by the Contractor and which forms part of the Tender.

Schedule of Rates for Remeasured Work means the schedule named Schedule of Rates for the Construction of Remeasured Works duly completed and priced by the Contractor and which forms part of the Tender.

Schedule of Rates for Daywork means the schedule named Schedule of Rates for Daywork duly completed and priced by the Contractor and which forms part of the Tender.

Schedule of Overheads and Profit means the schedule named Schedule of Overheads and Profit duly completed by the Contractor and which forms part of the Tender.”

- (h) Common English and American spellings of the same word shall have the same meaning

For example:

The word programme shall mean program and vice versa
The word authorise shall mean authorize and vice versa
The word colour shall mean color and vice versa
The word labour shall mean labor and vice versa
The word finalise shall mean finalize and vice versa
The word finalisation shall mean finalization and vice versa
The word minimise shall mean minimize and vice versa
The word minimisation shall mean minimization and vice versa
The word mobilise shall mean mobilize and vice versa
The word mobilisation shall mean mobilization and vice versa
The word organise shall mean organize and vice versa
The word organisation shall mean organization and vice versa

Sub-Clause 1.6 Contra Proferentem

No rule of construction applies to the disadvantage of a party because that party was responsible for the preparation of the Contract or any part of it.

Sub-Clause 2.7 Engineer's Duties and Authority

Neither the Engineer, nor his agents or servants, is liable to the parties or either of them or to any third party or stranger for anything done or omitted by him under this Agreement. The parties release and indemnify the Engineer, and his agents or servants, from and against any claims, including (without limitation) negligence (but excluding actual fraud), in the course of discharging his obligations under the Contract.

No officer of the Employer or the Engineer or the Engineer's Representative or any of their respective staff or employees shall be in any way personally bound or liable for the acts or obligations of the Employer under the Contract or answerable for any default or omission or performance of any acts, matters or things which are herein contained.

Sub-Clause 4.3 Seeking Consent to Subcontract

The Contractor shall, when seeking consent to subcontract part of the Works in accordance with Sub-Clause 4.1, provide the Engineer with the following:

- (a) details of the value of the subcontract;
- (b) evidence to confirm that the proposed Subcontractor:
 - (i) is experienced and competent in the relevant work proposed to be subcontracted; and
 - (ii) is properly registered or licensed to undertake the work; and
- (c) such other information as the Engineer may reasonably require.

Sub-Clause 4.4 Obligations not to be Subcontracted

The Contractor shall not subcontract the following:

- (a) the Contractor's project management functions and obligations under the Contract;
- (b) the Contractor's obligations for quality control;
- (c) the Contractor's obligations for safety; or,
- (d) the Contractor's obligations for environmental management.

Sub-Clause 4.5 Responsibilities of Contractor

The Contractor shall be responsible for co-ordinating the work of all Subcontractors engaged by him and shall provide and direct all necessary personnel to administer, supervise, inspect, co-ordinate and control the various subcontracts and at all times co-ordinate the Works and ensure execution and completion of the various subcontracts in a proper and workmanlike manner according to the Drawings and Specification and according to the obligations of the respective Subcontractor.

Sub-Clause 5.1 Language and Law

- (a) The language of the Contract is English.
- (b) The law is that in force in the Socialist Republic of Viet Nam.

Sub-Clause 5.2 Priority

Delete the list of documents (1) to (6) in Part I and substitute the following:

- (1) "The Contract Agreement
- (2) The Letter of Acceptance
- (3) Any letters, minutes of meetings and other communications during clarification and negotiation prior to award which are agreed by the parties to form part of the Contract
- (4) The Conditions of Contract Part II
- (5) The Conditions of Contract Part I
- (6) The Specification
- (7) The Drawings
- (8) The Schedule of Rates for the Construction of Remeasured Works,
- (9) The Schedule of Prices for the Construction of Fixed Price Works
- (10) The Schedule of Rates for Daywork
- (11) The Schedule of Rates for Overheads and Profit
- (12) The Conditions of Tendering

(13) "The Tender"

Sub-Clause 6.3 Disruption of Progress

Delete the final sentence and substitute the following

"The notice shall include details of:

- (a) the drawing or instruction required;
- (b) why and by when it is required (such time frame to be reasonable in all the circumstances); and
- (c) any delay or disruption likely to be suffered if the drawing or instruction is late."

Sub-Clause 6.4 Delays and Cost of Delays of Drawings

Delete subparagraph (b) and substitute the following

"(b) the amount of such extra costs, calculated in accordance with Sub-Clause 44.4, which shall be added to the Contract Price"

Add the following to the end of the Sub-Clause:

"The Contractor shall not be entitled to extra costs in accordance with Sub-Clause 6.4 unless a notice has been prepared and provided strictly in accordance with Sub-Clause 6.3."

The Contractor's entitlement under paragraph (b) shall be his only right to payment of money arising from any delay in the issue of a drawing or an instruction.

Sub-Clause 7.3 Responsibility Unaffected by Approval

Add the following to the end of the Sub-Clause:

"The Engineer owes no duty to the Contractor to review any design submitted by the Contractor for errors, omissions or compliance with the Contract.

No review of, comments upon, approval or rejection of any design prepared by the Contractor or any other instruction by the Engineer about the Contractor's design will:

- (a) relieve the Contractor from or alter or affect the Contractor's liabilities or responsibilities under the Contract or otherwise; or
- (b) constitute a Variation."

Sub-Clause 8.2 Construction Engineering

For Package 2 only

Add the following to the end

“In particular, during the construction of the main bridge the Contractor shall carry out his own construction engineering to ensure that the necessary temporary and permanent works are undertaken in appropriate sequences without overstressing any components of the bridge. The Contractor shall appoint a suitably qualified and experienced person or persons to provide Construction Engineering services for the construction control of the whole of the main bridge superstructure, in particular the installation of stay cables and the geometric control of the main deck.”

Sub-Clause 8.3 Proof Check of Contractor’s Designs

The Contractor shall engage a proof check Design Consultant to undertake an independent verification of all aspects of designs, including temporary works, prepared by or for the Contractor.

Sub-Clause 10.1 Performance Security

Delete the Sub-Clause and substitute the following:

“The Contractor shall obtain and provide to the Employer security for his proper performance of the Contract within 14 days after the date of the Letter of Acceptance, in the sum stated in the Appendix to Tender. When providing such security to the Employer, the Contractor shall notify the Engineer of so doing. Such security shall be in the form annexed to these Conditions. The institution providing such security shall be a bank registered in Viet Nam and subject to the approval of the Employer. The cost of complying with the requirements of this Clause shall be borne by the Contractor.”

Sub-Clause 11.1 Site Information

Delete the Sub-Clause and substitute the following:

“Without limiting Sub-Clause 11.2:

- (a) the Employer has made available to the Contractor, before the submission by the Contractor of the Tender, information or data on topographic, hydrographic, hydrological, climatic, tidal, geotechnical and other sub-surface conditions at the Site, obtained by or on behalf of the Employer from investigations undertaken relevant to the Works;

- (b) the Employer does not warrant, guarantee or make any representation about the accuracy, adequacy or completeness of such information or data made available to the Contractor;
- (c) the Contractor acknowledges that such information or data does not form part of the Contract and that Sub-Clause 11.2 applies to the information or data; and
- (d) to the extent permitted by law, the Employer will not be liable upon any Claim by the Contractor arising out of or in connection with that information or data or its completeness."

Sub-Clause 11.2 Non-Reliance

The Contractor:

- (a) warrants that he did not in any way rely upon:
 - (i) any information, data, representation, statement or document made by or provided to the Contractor by the Employer; or
 - (ii) the accuracy, adequacy or completeness of such information, data, representation, statement or document,for the purpose of entering into the Contract;
- (b) warrants that he enters into this Contract based on his own investigations, interpretations, deductions, information and determinations including everything referred to in Clause 12.1; and
- (c) acknowledges that he is aware that the Employer has entered into the Contract relying upon the warranties in paragraphs (a) and (b) of this Sub-Clause 11.2.

Sub-Clause 12.1 Sufficiency of Tender

Delete the Sub-Clause and substitute the following:

"The Contractor warrants that he has and shall be deemed to have:

- (a) satisfied himself as to the correctness and sufficiency of his Tender and of the Contract Price and any other prices and rates stated in the Contract, all of which shall, except insofar as it is otherwise provided in the Contract, cover all his obligations under the Contract (including those in respect of the supply of goods, materials, Plant or services) and all matters and things necessary for the proper execution and completion of the Works and the remedying of any defects therein;