

Inland Waterways Authority of India (IWAI)
Ministry of Ports, Shipping & Waterways (MoPSW), Government of India (GoI)
P-78, Garden Reach Road, Kolkata -700043, (WB) India

Tel: 033-24390393/5577/6055

E-mail: dirkol.iwai@nic.in & iwaical@yahoo.com

**REQUIRED INFRASTRUCTURE FOR EMBARKING/DIS-EMBARKING BY
FOREIGN TOURIST AT A) PRINCEP GHAT, B) BOTANICAL GARDEN, C)
SANTIPUR, D) MATIARY, E) HAZARDUARI, F) DS FARAKKA & US FARAKKA OF
NW-1 (RIVER GANGA) DURING 2022-23**

RFQ REFERENCE : IN-IWAI-317033-GO-RFQ

DATE OF COMMENCEMENT OF
SALE OF RFQ DOCUMENT : 21 October 2022

LAST DATE FOR SALE OF
RFQ DOCUMENT : 03 November 2022 at 1400 Hours

LAST DATE AND TIME FOR
RECEIPT OF QUOTATIONS : 03 November 2022 at 1500 Hours

TIME AND DATE OF OPENING
OF QUOTATIONS – Technical Part : 04 November 2022 at 1530 Hours

OFFICER INVITING QUOTATIONS : Director, IWAI, Kolkata
Inland Waterways Authority of India,
P-78, Garden Reach, Kolkata-700043



**INLANDWATERWAYS AUTHORITY OF INDIA,
Ministry of Shipping, Govt. of India
P-78, GARDEN REACH ROAD KOLKATA-700043
E-mail address of Issuing Officer:dirkol.iwai@nic.in**

RFQ NO. IN-IWAI-317033-GO-RFQ

**REQUEST FOR QUOTATION (RFQ)/
SHOPPING PROCEDURES**

Inland Waterways Authority of India (IWAI) invites e-Quotations from the interested bidders for providing for required infrastructure for embarking/dis-embarking by foreign tourist in between Kolkata-Rajmahal stretch of NW-1 (River Ganga) during 2022-23 under JMVP-II (Artha Ganga)". The Quotation Document and other relevant details are available at IWAI website www.iwai.nic.in and e-procurement site <https://eprocure.gov.in/eprocure/app>.

Date 21.10.2022

-sd-
Director

REQUEST FOR QUOTATIONS
Procurement of Works under RFQ/Shopping Procedures
E-Procurement Notice

(One -Envelope with e-Procurement Bidding Process)

Project: Capacity Augmentation of National Waterway-1 (Jal Marg Vikas Project (JMVP))

Contract title: Upgradation of the Required infrastructure for embarking/dis-embarking by foreign tourist at A) Princep Ghat, B) Botanical garden, C) Santipur, D) Matiary, E) Hazarduari, F) DS farakka, G) US Farakka between Kolkata- Farakka stretch of NW-1 (River Ganga) during 2022-23

RFQ No: IN-IWAI-317033-GO-RFQ

Date: 19 October 2022

Applicable Procurement Guidelines/Regulations Date: January 2011, Revised July 2014

1. Government of India has received/has applied for/intends to apply for financing from the World Bank towards the cost of the Jal Marg Vikas Project (JMVP) Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this request for quotations is issued. Inland Waterways Authority of India (IWAI), Ministry of Ports, Shipping & Waterways (MoPS&W), Government of India (GoI) invites quotations electronically from eligible bidders for construction of the following works.

Sl No	Brief Description of the Works	Estimated Cost (Rs.) excluding GST	Period of Completion
	Upgradation of the Required infrastructure for embarking/dis-embarking by foreign tourist at below terminal locations.		
A)	Princep Ghat	1689170.00	30 days from the date of Letter of Acceptance and acceptance to be made within 10days from issue of LOA as the works are exigency.
B)	Botanical Garden	17,80,148.00	
C)	Santipur	4,07,409.00	
D)	Matiary	3,16,609.00	
E)	Hazarduari	9,04,756.00	
F)	DS Farakka	3,63,029.00	
G)	US Farakka	7,79,059.00	

2. This e-Procurement notice includes the following documents to facilitate preparation and submission of quotations, criteria for qualification, evaluation, and for award of contract; and relevant forms to be filled by the bidders. Implementing Agency has not

issued a separate RFQ document for this purchase. The e-Procurement notice including the various documents and forms to be filled etc. can be downloaded free of cost by logging on to the website <https://eprocure.gov.in/eprocure/app> and www.iwai.gov.in. The bidders would be required to register in the website which is free of cost.

- i. Instructions to Bidder including qualification information
 - ii. Format for Qualification Information
 - iii. Format for Submission of Quotation
 - iv. Format of Letter of Acceptance
 - v. Draft Contract Agreement which will be used for finalizing the agreement for this Contract
 - vi. Detailed Bill of Quantities
 - vii. Format of Certificate
 - viii. Specifications and Drawings
3. For submission of Quotation, the Bidder is required to have Digital Signature Certificate (DSC) from one of the Certifying Authorities authorized by Government of India for issuing DSC. Bidders can see the list of licensed CA's from the link (www.cca.gov.in). Bidders who have not obtained the user ID and password for participating in e-procurement in this Project, may obtain the same from the website: <https://eprocure.gov.in/eprocure/app>.
 5. Quotations, both Technical Part and Financial Part shall be submitted on <https://eprocure.gov.in/eprocure/app> on or before 1500 hours on **03.11.2022**. Any quotation or modifications to quotation received outside e-procurement system will not be considered. The electronic bidding system would not allow late submission of quotations. The 'Technical Part' of the Quotations will be opened online on **04.11.2022** at 1530 hours, this can also be viewed by the bidders online. The electronic summary of quotation opening of technical part will be generated and uploaded online.
 6. If the implementing agency's office happens to be closed on the date of opening of the Quotations as specified, the 'Technical and Financial Part' of the Quotations will be opened on the next working day at the same time.
 7. Other details can be seen in the RFQ document. The implementing agency shall not be held liable for any delays due to system failure beyond its control. A Bidder requiring any clarification of the RFQ document may notify the Implementing agency online or may visit the office of the implementing agency at the address given below.

Inland Waterways Authority of India
Director,
P-78, Garden Reach Road,
Kolkata-700043, U.P
Tel: 033-24390393/5577/6055
E-mail: dirkol.iwai@nic.in & iwaical@yahoo.com

Instructions to Bidders

SECTION - A

1. Scope of Works

Inland Waterways Authority of India (IWAI), Ministry of Ports, Shipping & Waterways (MoPS&W), Government of India (GoI) (Employer) invites quotations for the works as detailed in the table given below:

SL No	Brief Description of the Works	Estimated Cost (Rs.) excluding GST	Period of Completion
	Upgradation of the Required infrastructure for embarking/dis-embarking by foreign tourist at		30 days from the date of Letter of Acceptance and acceptance to be made within 10days from issue of LOA as the works are exigency.
A)	Princep Ghat	1689170.00	
B)	Botanical Garden	17,80,148.00	
C)	Santipur	4,07,409.00	
D)	Matiary	3,16,609.00	
E)	Hazarduari	9,04,756.00	
F)	DS Farakka	3,63,029.00	
G)	US Farakka	7,79,059.00	
TOTAL Rs.		6240180.00	

The successful bidder will be expected to complete the works by the intended completion date specified above.

2. Qualification of the bidder

2.1. Qualification Information to be provided by the Bidder:the bidder shall provide information on his qualification which shall include:-

- Total monetary value of works executed by the bidder for each year of the last 3 years (i.e. FY 2018-19, FY 2019-20 and FY 2020-21);
- List of works (similar to the works described in Para 1) completed satisfactorily as a prime contractor during the last 3 years(i.e. FY 2019-20, FY 2020-21 and FY 2021-22), enclosing certificates from the respective Employers in support of experience claimed along with the Employers' contact numbers;

- (c) Report on his financial standing, along with last 3 years' financial statements/Profit and Loss Statements(i.e. FY 2018-19, FY 2019-20 and FY 2020-21); and
- (d) Details of any litigation, during the last 3 years (i.e. FY 2019-20, FY 2020-21 and FY 2021-22)in which the bidder is involved, the parties concerned, and disputed amount or award in each case(Give details of both completed and pending cases).

2.2. Qualification Criteria:to qualify for award of the contract the bidder:-

- (a) Should have satisfactorily completed as a prime contractor at least Three similar work of value not less than 50% of the estimated costin the last three years(i.e. FY 2019-20, FY 2020-21 and FY 2021-22).
or
- (b) Should have satisfactorily completed as a prime contractor at least two similar work of value not less than 60% of the estimated cost in the last three years(i.e. FY 2019-20, FY 2020-21 and FY 2021-22)
or
- (c) Should have satisfactorily completed as a prime contractor at least One similar work of value not less than 80% of the estimated cost in the last three years(i.e. FY 2019-20, FY 2020-21 and FY 2021-22)For this purpose

“Similar Works” means “levelling-dressing, buildingwork, structural works including paintings, procurement of bamboos and allied works related with embarking/dis-embarking facilities at the jetties”.

- 3. Eligibility – Conflict of Interest:** A Bidder (a) shall not have conflict of interest as defined in the Bank’s Procurement Regulations/ Guidelines; and (c) should not have been (i) temporarily suspended or debarred by the World Bank Group in compliance with the Bank’s Anti-Corruption Guidelines and its Sanctions Framework.
- 4. Clarifications & Amendments:** If the Employer receives any request for clarification of this RFQ document, it will upload its response together with any amendment to this document, on the e-procurement portal for information of all Bidders. Bidders should check on the e-procurement system, for any amendments to this RFQ document.

5. Quotation Prices

- a) The quotation shall be for whole works as described in the Bill of quantities, drawings and technical specifications. Corrections, if any, in the quotation shall be carried out by editing the information before electronic submission on e-Procurement Portal.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
- c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

d) The rates should be quoted in Indian Rupees only.

6. Preparation of Quotations

6.1 The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the quotation.

6.2 Each bidder shall submit only one quotation. Bidders shall not contact other Bidders on matters relating to this quotation.

6.3 The quotation shall comprise two Parts, namely the Technical Part and the Financial Part. Both Parts shall be submitted online simultaneously.

6.4 The Technical Part of Quotation shall comprise the following:

- (a) **Letter of Quotation – Technical Part** as per Format given in Section B;
- (b) **Authorization:** Power of Attorney of signatory of Quotation (Paragraph 1.1 of Qualification Information);
- (c) **Annual Turnover:** Confirmation showing Annual Turnover in works of similar nature in the last three financial years. [ITB Clause 2.1 (a)];
- (d) **Qualifications:**
 - (i) Qualification information and supporting documents relating to similar nature of works executed and payments received. (ITB Clause 2.1 (b) and paragraph 1.3 of Qualification Information);
 - (ii) Details of proposed sub-contractors; (Paragraph 1.4 of Qualification Information); and
 - (iii) Other details listed in Paragraphs 1.6 and 1.7 of the Qualification Information Form;
- (e) **Complete address** and contact details of the Bidder having the following information:

Name of Firm
Address for communication
Telephone No(s): Office
Mobile No.
Facsimile (FAX) No.
Electronic Mail Identification (E-mail ID)
- (f) The Technical Part of Quotation shall not include any financial information related to the Quotation price. Where material financial information related to the Quotation price is contained in the Technical Part of Quotation, the Quotation shall be declared non-responsive.

6.5 The Financial Part of Quotation shall comprise the following:

- (a) **Letter of Quotation** - Financial Part;
- (b) **Priced Bill of Quantities:** (using the BOQ uploaded with the RFQ document) wherein the rates shall be entered online.

6.6 Signing of Quotations: The name and position held by each person signing the quotation and related documents must be typed or printed below the signature.

6.7 Deadline for Submission of Quotations: Quotations must be uploaded online no later than the deadline for submission of quotations viz. time 1500 (hours) and date XXXI October, as per server time. A Bidder may not modify its Quotation any number of times by using the appropriate option on the e-Procurement Portal, before the deadline for submission of Quotations.

6.8 Validity of Quotation: Quotation shall remain valid for a period not less than 45 days after the deadline date specified for submission.

7. Quotation Submission:

- (a) The Letter of Quotation – Technical Part, and Letter of Quotation – Financial Part shall be filled, signed and scanned copies shall be uploaded along with the Priced Bill of Quantities that shall be entered using the Forms available online, without any alterations. All blank spaces shall be filled in with the information requested. Scanned copies of all other documents shall also be uploaded on the e-procurement website.
- (b) All documents are required to be signed digitally by the Bidder. The System generates a Unique Quotation Identification Number, time stamped as per server time, as an acknowledgement for Quotation submission. Detailed guidelines for viewing and submission of Quotations online are given in the website.

8. Sub contractor : The bidder shall not subcontract the whole of the works. The bidder shall not subcontract works of value more than 25% of the total price. Further, the bidder shall be responsible for the acts or defaults of any subcontractor, his agents or employees, as if they were the acts or defaults of the Contractor.

9. Online Opening and Evaluation of Technical Parts of Quotations: The ‘Technical and Financial Part’ of the Quotations will be opened online on the specified date and time. This can also be viewed by the bidders online, and electronic summary of quotation opening will be generated and uploaded online.

11. Award of contract

The Employer will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.

11.1 Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

11.2 The bidder whose quotation is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.

12. Defects Liability Period:

The “Defects Liability Period” for the work is six months from the date of taking over possession. During the defects liability period, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer.

13. Supply of all construction materials including cement and steel as per the specifications (ISI certification marked goods wherever available) shall be the responsibility of the contractor. Employer will not issue any material/equipment.

14. LIQUIDATED DAMAGES FOR DELAY

14.1 If the contractor fails to maintain the required progress or to complete the work and clear the site on or before the date of completion as per the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the authority on account of such breach, pay as agreed liquidated damages the amount calculated at the rates stipulated below.

(i)	Liquidated Damages for delay of work	@ 1.5 % per month of delay to be computed on per day basis
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Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work.

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SECTION - B

- 1. Format for Qualification Information**
- 2. Format for Submission of Quotation**
- 3. Format of Letter of Acceptance**

QUALIFICATION INFORMATION

1 For Individual Bidders

1.1 Principal place of business: _____

Power of attorney of signatory of Quotation.

[Attach copy]

1.2 Total value of similar work performed in the last 20 _____
three years (in Rs. Lakhs) 20 _____
(As per section-A) 20 _____

1.3 Work performed as prime contractor (in the same name) on works of a similar nature over the last three years(As per section-A)

<u>Project Name</u>	<u>Name of Employer</u>	<u>Description of work</u>	<u>Contract No.</u>	<u>Value of contract (Rs.Lakhs)</u>	<u>Date of issue of work order</u>	<u>Stipulated period of completion</u>	<u>Actual date of completion*</u>	<u>Remarks explaining reasons for delay and work completed</u>
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Existing commitments and on-going works:

<u>Description of Work</u>	<u>Place & State</u>	<u>Contract No. & Date</u>	<u>Value of Contract (Rs. Lakhs)</u>	<u>Stipulated period of completion</u>	<u>Value of works* remaining to be completed (Rs. Lakhs)</u>	<u>Anticipated date of completion</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)

* *Enclose a certificate from the Engineer concerned for completion as well as value of pending works.*

1.4 Proposed subcontracts and firms involved.

Sections of the works	Value of Sub-contract	Sub-contractor (name & address)	Experience in similar work
*	*	*	*
	*	*	
*	*	*	*
	*	*	
*	*	*	*
	*	*	

1.5 Evidence of access to financial resources to meet the requirements of working capital: cash in hand, lines of credit, etc. List them below and attach copies of support documents.

1.6 Name, address, and telephone, telex, and fax numbers of the Bidders' bankers who may provide references if contacted by the Employer.

1.7 Information on litigation history in which the Bidder is involved.

Name of the work	Agreement number/date	Name & address of Employer	Contract Value in Rs	Cause of dispute	Amount Disputed	Remarks showing present status
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Letter of Quotation–Technical Part

The Bidder must prepare the Letter of Quotation on stationery with its letterhead clearly showing the Bidder's complete name and address. The italicized text is for Bidder's guidance in preparing these forms and shall be deleted from the final products.

Description of the Works: Upgradation of the required infrastructure for embarking/dis-embarking at the jetties at A) Princep Ghat, B) Botanical garden, C) Santipur, D) Matiary, E) Hazarduari, F) DS Farakka, and G) US Farakka between Kolkata-Farakka stretch of NW-1 (River Ganga) during 2022-23

RFQ No.: [insert identification]

Our Reference: No..... Dated.....

To: (Employer's name and address)

Subject : Up gradation of the required infrastructure for embarking/dis-embarking at the jetties at

Reference : Letter No.....dated.....from.....

Sir,

1. We, the undersigned, hereby submit our Quotation in two parts, namely:

- (a) Technical Part; and
- (b) Financial Part

2. In submitting our Quotation, we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the RFQ document;
- (b) **Conformity:** We offer to execute the subject work in conformity with the RFQ document and in accordance with the Period of Completion specified in Section A;
- (c) **Quotation Validity Period:** Our Quotation shall be valid for the period of 45 days, from the deadline fixed for the Quotation submission;
- (d) **Eligibility :** We meet the eligibility requirements and have no conflict of interest, we are not participating in more than one quotation in this bidding process, and we have not been temporarily suspended or debarred by the World Bank.
- (e) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of corrupt, fraudulent, collusive, coercive, or obstructive practices.

- (f) **ESHS/GBV Compliance:** We hereby undertake to comply with (i) the applicable Laws/ Rules/ Regulations for protection of environment, public health and safety; (ii) the regulatory authority conditions (if any) attached to any permits or approvals for the project; and (iii) the Management Strategies and Implementation Plan (MSIP) to manage the Environmental, Social (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), Health and Safety (ESHS) risks, and ESHS Code of Conduct, (if any prescribed by the Employer), that will apply to us, our employees and all subcontractors.

Yours faithfully,

Authorized Signature : Date: _____

Name & Title of Signatory : _____

In the capacity of *[insert legal capacity of person signing the Letter of Quotation]*

Name of Bidder : _____

Address : _____

Dated on _____ day of _____, _____ *[insert date of signing]*

To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.

Letter of Quotation–Financial Part

The Bidder must prepare the Letter of Quotation on stationery with its letterhead clearly showing the Bidder's complete name and address. The italicized text is for Bidder's guidance in preparing these forms and shall be deleted from the final products.

Description of the Works: Upgradation of the required infrastructure for embarking/dis-embarking at the jetties between Kolkata-Farakka stretch of NW-1

RFQ No.: *[insert identification]*

Our Reference: No..... Dated.....

To:

(Employer's name and address)

Subject: Construction of.....

Sir,

1. We, the undersigned, hereby submit the second part of our Quotation, the Financial Part including the Quotation Price and Bill of Quantities. In submitting our Financial Part we make the following additional declarations:

(a) **Validity:** Our Quotation shall be valid for the period of 45 days from the deadline fixed for the Quotation submission;

(b) **Quotation Price:** The total price of our Quotation including any unconditional discounts, offered in accordance with the Conditions of Contract is at percentage above / below the estimated rates, i.e., for a total Contract Price of –

Rs.** _____ [in figures]

Rs. _____ [inwords];

(c) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity. If none has been paid or is to be paid, indicate "none."]*

Yours faithfully,

Authorized Signature

Name & Title of Signatory _____

In the capacity of *[insert legal capacity of person signing the Letter of Quotation]*

Name of Bidder _____

Address _____

Dated on _____ day of _____, _____ *[insert date of signing]*

**** *To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.***

**LETTER OF ACCEPTANCE
CUM NOTICE TO PROCEED WITH THE WORK**

(LETTERHEAD OF THE EMPLOYER)

Dated: _____

To: _____ [Name and address of the Contractor]

Dear Sirs,

This is to notify you that your quotation dated _____ for execution of the _____ for the contract price of Rupees _____ [amount in words and figures], is hereby accepted by us.

You are also requested to sign the agreement form and proceed with the work not later than _____ under the instructions of the Engineer, _____ and ensure its completion within the contract period.

With the issuance of this acceptance letter and your furnishing the required contract, for the above said work, stands concluded.

Yours faithfully,

**Authorized Signature
Name and title of Signatory of Employer**

Draft Contract Agreement form for Construction through National Shopping

ARTICLES OF CONTRACT AGREEMENT

1. This deed of agreement is made in the form of agreement on _____ day _____ month _____ 20____, between the _____ (Employer) or his authorized representative (hereinafter referred to as the first party) and _____ (Name of the Contractor), S/O _____ resident of _____ (hereinafter referred to as the second party), to execute the work of construction of _____ (hereinafter referred to as works) on the following terms and conditions.

2. Contract Price

The total Contract Price for the works (hereinafter referred to as the “total price”) is Rs. 6240180/- as reflected in Section- A.

3.1 Payments under its contract:

Payments to the second party for the construction work will be released by the first party in the following manner:-

On completion of 100% of the works envisaged in the Agreement, complete in all respects as per the specifications & standards and directions of the Engineer	: 90% of the total price The remaining 10% of the total price shall be paid after completion of Defects Liability Period of six (6) months as defined in Section -A
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3.2 Payments will be made by the first party:

- (a) on the second party submitting an invoice for an equivalent amount;
- (b) on certification of the invoice by the Engineer nominated by the first party with respect to quality/quantity of works executed in the format in Annexure - 2; and
- (c) Payments shall be adjusted for deductions for recoveries if any in terms of the contract, and taxes at source, as applicable under the law.

4: PERFORMANCE GUARANTEE

- 4.1 The contractor shall be required to deposit an amount equal to 5% of the tendered value of the work as performance guarantee in the form of either demand draft payable at any nationalized/schedule bank within 15 days of the issue of letter of award.
- 4.2 In the event of contract being determined under the provision of any of the clauses/conditions of agreement, the performance guarantee shall be forfeited in full and shall be absolutely at the disposal of the authority.
- 4.3 The performance Guarantee amount shall be returned only after completion of work in all respect and reaming 10% of total price shall be paid only after Defects Liability Period of six (6) months as per 3.1 (Payments under its contract).

5. Notice by Contractor to Engineer

The second party, on completion of the works, issue a notice to the first party or the Engineer nominated by the first party (who is responsible for supervising the contractor, administering the contract, certifying the payments due to the contractor, issuing and valuing variations to the contract, awarding extensions of time etc.), to visit the site for certification of completion. Within 15 days of the receipt of such notice, the first party or the Engineer nominated by it, will ensure issue of completion certificate after due verification.

6. Completion time

The works should be completed within 30 days from the date of Letter of Acceptance. In exceptional circumstances, the time period stated in this clause may be extended in writing by mutual consent of both the parties.

- 7. If any of the compensation events mentioned below would prevent the work being completed by the intended completion date, the first party will decide on the intended completion date being extended by a suitable period:
 - a) The first party does not give access to the site or a part thereof by the agreed period.
 - b) The first party orders a delay or does not issue completed drawings, specifications or instructions for execution of the work on time.
 - c) Ground conditions are substantially more adverse than could reasonably have been assumed before issue of letter of acceptance and from information provided to second party or from visual inspection of the site.
 - d) Payments due to the second party are delayed without reason.
 - e) Certification for completion of the work is delayed unreasonably.

8. Any willful delay on the part of the second party in completing the construction within the stipulated period will render him liable to pay liquidated damages @ 0.1% of the total price of the works per day which will be deducted from payments due to him. The first party may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 3% of the total price.

9. Duties and responsibilities of the first party

9.1 The first party shall be responsible for providing regular and frequent supervision and guidance to the second party for carrying out the works as per specifications. This will include written guidelines and regular site visit of the authorized personnel of the first party, for checking quality of material and construction to ensure that it is as per the norms.

9.2 ~~The first party shall supply 3 sets of drawings, specifications and guidelines to the second party for the proposed works.~~

9.3 Possession of the site will be handed over to the second party within 3 days of signing of the agreement.

9.4 The Engineer or such other person as may be authorized by the first party shall hold meeting once in a week where the second party or his representative at site will submit the latest information including progress report and difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.

9.5 The Engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The second party will carry out the instructions and promptly rectify any deviations pointed out by the Engineer. If the deviations are not rectified, within the time specified in the Engineer's notice, the first party as well as the Engineer nominated by it, may instruct stoppage or suspension of the construction. It shall thereupon be open to the first party or the engineer to have the deviations rectified at the cost of the second party.

10. Duties and responsibilities of the second party

10.1 The second party shall:

- a) take up the works and arrange for its completion within the time period stipulated in Clause 5;
- b) employ suitable skilled persons to carry out the works;
- c) regularly supervise and monitor the progress of work;

- d) abide by the technical suggestions/direction of supervisory personnel including engineers etc. regarding construction;
- e) be responsible for bringing any discrepancy to the notice of the representative of the first party and seek necessary clarification;
- f) ensure that the work is carried out in accordance with specifications, drawings and within the total price without any cost escalation;
- g) keep the first party informed about the progress of work;
- h) be responsible for all security and watch and ward arrangements at site till handing over to the first party; and
- i) maintain necessary insurance against loss of materials/cash, etc. or workman disability compensation claims of the personnel deployed on the works as well as third party claims.
- j) Pay all duties, taxes and other levies payable by construction agencies as per law under the contract (First party will effect deduction (TDS) from running bills in respect of such taxes as may be imposed under the law).

11. Variations / Extra Items

The works shall be carried out by the second party in accordance with the approved drawings and specifications. However, if, on account of site conditions or any other factors, variations are considered necessary, the following procedure shall be followed:-

- a) The second party shall provide the Engineer with a quotation for carrying out the Variation when requested to do so by the Engineer. The Engineer shall assess the quotation, which shall be given within seven days of the request before the Variation is ordered.
- b) If the quotation given by the second party is unreasonable, the Engineer may order the Variation and make a change to the total price which shall be based on Engineer's own forecast of the effects of the Variation on the Contractor's costs.
- c) The second party shall not be entitled to additional payment for costs which could have been avoided by giving early warning.

12. Termination

12.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

12.2 Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) the contractor stops work for 28 days and the stoppage has not been authorized by the Engineer;
- (b) the Contractor has become bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) the Engineer gives Notice that failure to correct a particular defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- (c) the Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in the Clause 7 of this agreement

12.3 Notwithstanding the above, the Employer may terminate the Contract for convenience.

12.4 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

13. Payment upon Termination

13.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law.

13.2 If the Contract is terminated at the Employer's convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

14. Dispute settlement

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation.

In the event of agreement not being reached, the matter will be referred for arbitration by a Sole Arbitrator not below the level of retired Superintending Engineer, PWD to be appointed by the first party. The Arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties. The Arbitrator shall give his award/decision within 60 days of start of proceedings.

The Priced Bill of Quantities (Annexure 1), Format of Certificate (Annexure 2) and Specification and Drawings (Annexure 3) are attached.

Signed and delivered by Sri. _____ for and on
behalf of the Contractor
In the presence of the Witness:

- i)
- ii)

SIGNATURE

Signed and delivered by Sri _____ Deputy Executive Engineer/Executive
Engineer/Superintending Engineer _____ of _____ for
an on behalf of the Government.

In the presence of the Witness:

- i)
- ii)

SIGNATURE

SCHEDULE(A)

Tender Inviting Authority: Inland Waterways Authority of India, Kolkata							
Name of Work: Required Infrastructure of embarking/disembarking by foreign tourist at Princep Ghat during 2022-23							
Contract No: IN-IWAI-317033-GO-RFQ							
Name of the Bidder/ Bidding Firm / Company :							
<u>PRICE SCHEDULE (A)</u> (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUM BER #	TEXT #	TEXT #	NUMBE R #	TEXT #	NUM BER #	NUM BER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIS C RAT E In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
1	Construction of mooring pin .(3 nos)	item1					
1.01	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	item2	10.14	cum		0.00	INR Zero Only
1.02	Brick soling with one brick-on-edge soling including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling all complete as per direction of E.I.C.	item3	6.75	sqm		0.00	INR Zero Only
1.03	Providing and laying Cement concrete M15(1:2:4) as per direction of E.I.C.	item4	10.14	cum		0.00	INR Zero Only
1.04	Providing & laying 50mm dia GI wire all complete as per direction of EIC	item5	40.50	r-m		0.00	INR Zero Only

1.05	Providing and laying ISMB 200 in the bottom of concrete all complete	item6	114.30	kg		0.00	INR Zero Only
1.06	Providing & laying D-Shackle for tying GI wire at bottom in ISMB 200 and properly aligned and placing the pontoon as required as per direction of EIC	item7	24.00	nos		0.00	INR Zero Only
2	Provision for replacement of fender, side support,etc.& Terminal development	item8					
2.01	Replacement of fenders with old automobile truck tyres including fixing tying etc. complete	item9	10	nos		0.00	INR Zero Only
2.02	Procurement of GI pipe of 100mm dia for side support of pontoon about 6 mtrs long .	item10	6	nos		0.00	INR Zero Only
2.03	Procurement of thick and strong bamboos for side support of pontoon about 5 to 7 mtrs long	item11	20	nos		0.00	INR Zero Only
3	Horticulture development	item12					
3.01	Digging of borrow pit for plantation and supply of Mango/Guava/Coconut tree all complete(10 nos of Mango/Guava/Coconut and maintaining the same upto 6 months)	item13	5.00	per-month		0.00	INR Zero Only
3.02	Digging of borrow pit for plantation and supply of flowers of different variety as per existing season all complete.(10 - 20 nos of different variety of flowers as per existing season and maintaining the same upto 5months)	item14	5.00	per-month		0.00	INR Zero Only
4	Development works	item15					
4.01	Surface dressing/cleaning of terminal area including removing of vegetation's not exceeding 15cm deep and disposal of up to 50 meter.(2 times on need basis from Nov 22 to March 2023)	item16	1000.00	sqm		0.00	INR Zero Only
4.02	Marking, Laying lime powder & cleaning regularly during the visit of the foreign tourists on board cruise vessel (2 times on need basis from Nov 22 to March 2023)	item17	5.00	per-month		0.00	INR Zero Only
4.03	Construction of ramp with checker plate, joist, angle including joist, checkerplate,MS angle, square & rectangular hollow section, railing, transportation, labor charges, etc complete in all respect	item18	5000.00	kg		0.00	INR Zero Only
4.04	Painting of pontoon with anti-corrosive marine paint	item19	576.00	sqm		0.00	INR Zero Only
4.05	Applying 2 coat of with anti-corrosive marine paint in gangway all complete as per specification & direction of EIC	item20	625.00	sqm		0.00	INR Zero Only

4.06	Electrification and other misc. work as per requirement on need basis(As per requirement from Nov 2022 to March 2023)	item21	5.00	per-month		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Figures				Select		0.00 00	Zero Only
Quoted Rate in Words	GST as applicable will be reimbursed on proper submission of documentary evidence	INR Zero Only					

SCHEDULE(B)

RFQ Inviting Authority: Inland Waterways Authority of India, Kolkata							
Name of Work: Required Infrastructure of embarking/disembarking by foreign tourist at Botanical garden during 2022-23							
Contract No: IN-IWAI-317033-GO-RFQ							
Name of the Bidder/ Bidding Firm / Company :							

PRICE SCHEDULE(B)

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
1	Construction of mooring pin .(3 nos)	item1					
1.01	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	item2	10.14	cum		0.00	INR Zero Only
1.02	Brick soling with one brick-on-edge soling including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling all complete	item3	6.75	sqm		0.00	INR Zero Only
1.03	Providing and laying Cement concrete M15(1:2:4) as per direction of E.I.C.	item4	10.14	cum		0.00	INR Zero Only
1.04	Providing & laying 50mm dia GI wire all complete as per direction of EIC	item5	40.50	r-m		0.00	INR Zero Only
1.05	Providing and laying ISMB 200 in the bottom of concrete all complete	item6	114.30	kg		0.00	INR Zero Only
1.06	Providing & laying D-Shackle for tying GI wire at bottom in ISMB 200 and properly aligned and placing the pontoon as required as per direction of	item7	24.00	nos		0.00	INR Zero Only

2	Provision for replacement of fender, side support,etc.& Terminal development	item8					
2.01	Supplying and placing sand filled bags all complete	item9	200	nos		0.00	INR Zero Only
2.02	Replacement of fenders with old automobile truck tyres including fixing tying etc. complete	item10	10	nos		0.00	INR Zero Only
2.03	Procurement of GI pipe of 100mm dia for side support of pontoon about 6 mtrs long .	item11	10	nos		0.00	INR Zero Only
2.04	Procurement of thick and strong bamboos for side support of pontoon about 5 to 7 mtrs long	item12	10	nos		0.00	INR Zero Only
3	Horticulture development	item13					
3.01	Digging of borrow pit for plantation and supply of Mango/Guava/Coconut tree all complete(10 nos of Mango/Guava/Coconut and maintaining the same upto 6 months)	item14	5.00	per-month		0.00	INR Zero Only
3.02	Digging of borrow pit for plantation and supply of flowers of different variety as per existing season all complete.(10 - 20 nos of different variety of flowers as per existing season and maintaining the same upto 5 months)	item15	5.00	per-month		0.00	INR Zero Only
4	Development works	item16					
4.01	Surface dressing/cleaning of terminal area including removing of vegetation's not exceeding 15cm deep and disposal of up to 50 meter.(2 times on need basis from Nov 22 to March 2023)	item17	1000.00	sqm		0.00	INR Zero Only
5	Supplying and stacking at site in loose volume in ratio of 1:1.5:2 (i.e 1 red bajri : 1.5 Moorum : 2 Stone Screening with stone dust	item18					
5.01	Red bajri	item19	125.00	cum		0.00	INR Zero Only
5.02	Moorum	item20	187.50	cum		0.00	INR Zero Only
5.03	Stone screening 11.2mm nominal size	item21	187.50	cum		0.00	INR Zero Only

5.04	Laying 150mm thickness & Spreading mixer of red bajri, moorum, Stone screening 11.2 mm nominal size with stone dust & watering prepared surface and compacting it by road roller all complete as per specification & direction of EIC	item22	2500.00	sqm		0.00	INR Zero Only
5.05	Electrification and other misc. work as per requirement on need basis(As per requirement from Nov 2022 to March 2023)	item23	5.00	per-month		0.00	INR Zero Only
5.06	Bank protection near gangway foundation with providing rail pile, etc	item24	1.00	job		0.00	INR Zero Only
5.07	Painting of pontoon with anti corrosive marine paint	item25	576.00	sqm		0.00	INR Zero Only
5.08	Applying 2 coat of with anti corrosive marine paint in gangway all complete as per specification & direction of EIC	item26	625.00	sqm		0.00	INR Zero Only
5.09	Marking, Laying lime powder & cleaning regularly during the visit of the foreign tourists on board cruise vessel (Nov 22 to March 2023)	item27	5.00	per-month		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Figures				Select		0.0000	Zero Only
Quoted Rate in Words	GST as applicable will be reimbursed on proper submission of documentary evidence	INR Zero Only					

SCHEDULE(C)

Tender Inviting Authority: Inland Waterways Authority of India, Kolkata							
Name of Work: Required Infrastructure of embarking/disembarking by foreign tourist at Santipur during 2022-23							
Contract No: IN-IWAI-317033-GO-RFQ							
Name of the Bidder/ Bidding Firm / Company :							
<u>PRICE SCHEDULE(C)</u>							
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUMB ER #	TEXT #	TEXT #	NUMBE R #	TEXT #	NUMB ER #	NUMB ER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
1	Construction of mooring pin .(2 nos)	item1					
1.01	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	item2	6.76	cum		0.00	INR Zero Only
1.02	Brick soling with one brick-on-edge soling including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling all complete as per direction of E.I.C.	item3	4.50	sqm		0.00	INR Zero Only
1.03	Providing and laying Cement concrete M15(1:2:4) as per direction of E.I.C.	item4	6.76	cum		0.00	INR Zero Only
1.04	Providing & laying 50mm dia GI wire all complete as per direction of EIC	item5	27.00	r-m		0.00	INR Zero Only
1.05	Providing and laying ISMB 200 in the bottom of concrete all complete	item6	76.20	kg		0.00	INR Zero Only

1.06	Providing & laying D-Shackle for tying GI wire at bottom in ISMB 200 and properly aligned and placing the pontoon as required as per direction of EIC	item7	16.00	nos		0.00	INR Zero Only
2	Provision for replacement of fender, side support,etc.& Terminal development	item8					
2.01	Supply and placement of sand filled bags	item9	185	nos		0.00	INR Zero Only
2.02	Replacement of fenders with old automobile truck tyres including fixing tying etc. complete	item10	6	nos		0.00	INR Zero Only
2.03	Procurement of GI pipe of 100mm dia for side support of pontoon about 6 mtrs long .	item11	6	nos		0.00	INR Zero Only
2.04	Procurement of thick and strong bamboos for side support of pontoon about 5 to 7 mtrs long	item12	20	nos		0.00	INR Zero Only
3	Development works	item13					
3.01	Surface dressing/cleaning of terminal area including removing of vegetation's not exceeding 15cm deep and disposal of up to 50 meter.(2 times on need basis from Nov 22 to March 2023)	item14	3000.00	sqm		0.00	INR Zero Only
3.02	Supplying, fitting, fixing & fabricating and erecting 2m width bamboo jetty with good quality of haruti bamboo tied with wire, nails all complete as per specification & direction of EIC	item15	20.00	r-m		0.00	INR Zero Only
3.03	Maintenance of 20m long & 2m wide bamboo jetty(from Nov 22 to March 2023)	item16	5.00	per-month		0.00	INR Zero Only
3.04	Painting of pontoon with anti corrosive marine paint	item17	576.00	sqm		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Figures				Selected		0.0000	Zero Only
Quoted Rate in Words	GST as applicable will be reimbursed on proper submission of documentary evidence	INR Zero Only					

SCHEDULE(D)

Tender Inviting Authority: Inland Waterways Authority of India, Kolkata							
Name of Work: Required Infrastructure of embarking/disembarking by foreign tourist at Matiary during 2022-23							
Contract No: IN-IWAI-317033-GO-RFQ							
Name of the Bidder/ Bidding Firm / Company :							
<u>PRICE SCHEDULE(D)</u>							
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUMBE R #	TEXT #	TEXT #	NUMBE R #	TEXT #	NUMBER #	NUMB ER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
1	Construction of mooring pin .(2 nos)	item1					
1.01	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	item2	6.76	cum		0.00	INR Zero Only
1.02	Brick soling with one brick-on-edge soling including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling all complete as per direction of E.I.C.	item3	4.50	sqm		0.00	INR Zero Only
1.03	Providing and laying Cement concrete M15(1:2:4) as per direction of E.I.C.	item4	6.76	cum		0.00	INR Zero Only
1.04	Providing & laying 50mm dia GI wire all complete as per direction of EIC	item5	27.00	r-m		0.00	INR Zero Only
1.05	Providing and laying ISMB 200 in the bottom of concrete all complete	item6	76.20	kg		0.00	INR Zero Only
1.06	Providing & laying D-Shackle for tying GI wire at bottom in ISMB 200 and properly aligned and placing the pontoon as required as per direction of EIC	item7	16.00	nos		0.00	INR Zero Only

2	Provision for replacement of fender, side support,etc.& Terminal development	item8					
2.01	Supply and placement of sand filled bags	item9	185	nos		0.00	INR Zero Only
2.02	Replacement of fenders with old automobile truck tyres including fixing tying etc. complete	item10	6	nos		0.00	INR Zero Only
2.03	Procurement of GI pipe of 100mm diafor side support of pontoon about 6 mtrs long .	item11	4	nos		0.00	INR Zero Only
2.04	Procurement of thick and strong bamboos for side support of pontoon about 5 to 7 mtrs long	item12	20	nos		0.00	INR Zero Only
3	Development works	item13					
3.01	Surface dressing/cleaning of terminal area including removing of vegetations not exceeding 15cm deep and disposal of up to 50 meter.(2 times on need basis from Nov 22 to March 2023)	item14	1000.00	sqm		0.00	INR Zero Only
3.02	Supplying, fitting, fixing & fabricating and erecting 2m width bamboo jetty with good quality of haruti bamboo tied with wire, nails all complete as per specification & direction of EIC	item15	15.00	r-m		0.00	INR Zero Only
3.03	Maintenance of 15m long & 2m wide bamboo jetty(from Nov 22 to March 2023)	item16	5.00	per-month		0.00	INR Zero Only
3.04	Painting of pontoon with anti corrosive marine paint	item17	576.00	sqm		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Figures				Select		0.00	Zero Only
Quoted Rate in Words	GST as applicable will be reimbursed on proper submission of documentary evidence	INR Zero Only					

SCHEDULE(E)

Tender Inviting Authority: Inland Waterways Authority of India, Kolkata							
Name of Work: Required Infrastructure of embarking/disembarking by foreign tourist at Hazarduari during 2022-23							
Contract No: IN-IWAI-317033-GO-RFQ							
Name of the Bidder/ Bidding Firm / Company :							
<u>PRICE SCHEDULE(E)</u>							
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUMB ER #	TEXT #	TEXT #	NUMBE R #	TEXT #	NUMBE R #	NUMBE R #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUN T in Rs. P	TOTAL AMOU NT In Words
1	2	3	4	5	7	8	10
1	Provision for replacement of fender, side support,etc.& Terminal development	item1					
1.01	Replacement of fenders with old automobile truck tyres including fixing tying etc. complete	item2	5.00	nos		0.00	INR Zero Only
1.02	Procurement of GI pipe of 100mm diafor side support of pontoon about 6 mtrs long .	item3	4.00	nos		0.00	INR Zero Only
1.03	Procurement of thick and strong bamboos for side support of pontoon about 5 to 7 mtrs long	item4	10.00	nos		0.00	INR Zero Only
3	Development works	item5					
3.01	Surface dressing/cleaning of terminal area including removing of vegetations not exceeding 15cm deep and disposal of up to 50 meter.(2 times on need basis from Nov 22 to March 2023)	item6	1000.0 0	sqm		0.00	INR Zero Only
3.02	Painting of Gangway	item7	625.00	sqm		0.00	INR Zero Only
3.03	Marking, Laying lime powder & cleaning regularly during the visit of the foregin tourists on board cruise vessel Nov 22 to March 2023	item8	5.00	per- mont h		0.00	INR Zero Only

3.04	Raplacement of worn out wooden sleeper of the gangway	item9	56.00	cft		0.00	INR Zero Only
3.05	Painting of pontoon with anti corrosive marine paint	item10	576.00	sqm		0.00	INR Zero Only
3.06	Applying 2 coat of with anti corrosive marine paint in Steel gangway all complete as per specification & direction of EIC	item11	625.00	sqm		0.00	INR Zero Only
3.07	Misc. Electrical works for general maintenance (LED, Bulb, Wire etc)(As per requirement from Nov22 to March 2023)	item12	5.00	per-month		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Figures				Select		0.0000	Zero Only
Quoted Rate in Words	GST as applicable will be reimbursed on proper submission of documentary evidence	INR Zero Only					

SCHEDULE(F)

Tender Inviting Authority: Inland Waterways Authority of India, Kolkata							
Name of Work: Required Infrastructure of embarking/disembarking by foreign tourist at DS Farakka during 2022-23							
Contract No: IN-IWAI-317033-GO-RFQ							
Name of the Bidder/ Bidding Firm / Company :							
PRICE SCHEDULE(F)							
<p align="center">(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</p>							
NUMB ER #	TEXT #	TEXT #	NUMB ER #	TEXT #	NUMBER #	NUMBE R #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quanti ty	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUN T in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
1	Construction of mooring pin .(1 nos)	item1					
1.01	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	item2	3.38	cum		0.00	INR Zero Only
1.02	Brick soling with one brick-on-edge soling including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling all complete as per direction of E.I.C.	item3	2.25	sqm		0.00	INR Zero Only
1.03	Providing and laying Cement concrete M15(1:2:4) as per direction of E.I.C.	item4	3.38	cum		0.00	INR Zero Only
1.04	Providing & laying 50mm dia GI wire all complete as per direction of EIC	item5	13.5 0	r-m		0.00	INR Zero Only
1.05	Providing and laying ISMB 200 in the bottom of concrete all complete	item6	38.1 0	kg		0.00	INR Zero Only

1.06	Providing & laying D-Shackle for tying GI wire at bottom in ISMB 200 and properly aligned and placing the pontoon as required as per direction of EIC	item7	8.00	nos		0.00	INR Zero Only
2	Provision for replacement of fender, side support,etc.& Terminal development	item8					
2.01	Replacement of fenders with old automobile truck tyres including fixing tying etc. complete	item9	4	nos		0.00	INR Zero Only
2.02	Procurement of GI pipe of 100mm dia for side support of pontoon about 6 mtrs long .	item10	4	nos		0.00	INR Zero Only
2.03	Procurement of thick and strong bamboos for side support of pontoon about 5 to 7 mtrs long	item11	20	nos		0.00	INR Zero Only
3	Development works	item12					
3.01	Surface dressing/cleaning of terminal area including removing of vegetations not exceeding 15cm deep and disposal of up to 50 meter.(2 times on need basis from Nov 22 to March 2023)	item13	500.00	sqm		0.00	INR Zero Only
3.02	Marking, Laying lime powder & cleaning regularly during the visit of the foreign tourists on board cruise vessel (2 times on need basis from Nov 22 to March 2023)	item14	5.00	per-month		0.00	INR Zero Only
3.03	Painting of pontoon with anti corrosive marine paint	item15	576.00	sqm		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Figures				Select		0.0000	Zero Only
Quoted Rate in Words	GST as applicable will be reimbursed on proper submission of documentary evidence	INR Zero Only					

SCHEDULE(G)

Tender Inviting Authority: Inland Waterways Authority of India, Kolkata							
Name of Work: Required Infrastructure of embarking/disembarking by foreign tourist at US Farakka during 2022-23							
Contract No: IN-IWAI-317033-GO-RFQ							
Name of the Bidder/ Bidding Firm / Company :							
<u>PRICE SCHEDULE(G)</u>							
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUMBE R #	TEXT #	TEXT #	NUMBE R #	TEXT #	NUMB ER #	NUMBE R #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figure s To be entere d by the Bidder in Rs. P	TOTAL AMOUN T in Rs. P	TOTAL AMOUN T In Words
1	2	3	4	5	7	8	10
1	Construction of mooring pin .(2 nos)	item1					
1.01	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	item2	6.76	cum		0.00	INR Zero Only
1.02	Brick soling with one brick-on-edge soling including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling all complete as per direction of E.I.C.	item3	4.50	sqm		0.00	INR Zero Only
1.03	Providing and laying Cement concrete M15(1:2:4) as per direction of E.I.C.	item4	6.76	cum		0.00	INR Zero Only
1.04	Providing & laying 50mm dia GI wire all complete as per direction of EIC	item5	27.00	r-m		0.00	INR Zero Only
1.05	Providing and laying ISMB 200 in the bottom of concrete all complete	item6	76.20	kg		0.00	INR Zero Only

1.06	Providing & laying D-Shackle for tying GI wire at bottom in ISMB 200 and properly aligned and placing the pontoon as required as per direction of EIC	item7	16.00	nos		0.00	INR Zero Only
2	Provision for replacement of fender, side support,etc.& Terminal development	item8					
2.01	Replacement of salwood plank on the walkway gangway jetty	item9	55.56	cft		0.00	INR Zero Only
2.02	Replacement of fenders with old automobile truck tyres including fixing tying etc. complete	item10	10	nos		0.00	INR Zero Only
2.03	Procurement of GI pipe of 100mm diafor side support of pontoon about 6 mtrs long .	item11	6	nos		0.00	INR Zero Only
2.04	Procurement of thick and strong bamboos for side support of pontoon about 5 to 7 mtrs long	item12	20	nos		0.00	INR Zero Only
3	HORTICULTURE WORK	item13					
3.01	Surface dressing/cleaning of terminal area including removing of vegetations not exceeding 15cm deep and disposal of up to 50 meter.(2 times on need basis from Nov 22 to March 2023)	item14	5.00	per-month		0.00	INR Zero Only
3.02	Supplying, fitting, fixing & fabricating and erecting 2m width bamboo jetty with good quality of haruti bamboo tied with wire, nails all complete as per specification & direction of EIC	item15	5.00	per-month		0.00	INR Zero Only
4	Development works	item16					
4.01	Surface dressing/cleaning of terminal area including removing of vegetations not exceeding 15cm deep and disposal of up to 50 meter.(2 times on need basis from Nov 22 to March 2023)	item17	3000.00	sqm		0.00	INR Zero Only
4.02	Marking, Laying lime powder & cleaning regularly during the visit of the foregin tourists on board cruise vessel (Oct 22 to March 2023)	item18	5.00	per-month		0.00	INR Zero Only
4.03	Painting of pontoon with anti corrosive marine paint	item19	576.00	sqm		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Figures				Select		0.0000	Zero Only
Quoted Rate in Words	GST as applicable will be reimbursed on proper submission of documentary evidence	INR Zero Only					

We agree to execute the works in accordance with the approved drawings and technical specifications for a total Contract Price of Rs.(amount in figures) (Rs. amount in words).

Signature of Contractor

(Where there is a discrepancy between the amount in figures and words, the amount in words will prevail)

Format of certificate

Certified that the works (as defined in Clause 3.1 of the Agreement) in respect of construction of ----- at ----- have been executed satisfactorily in accordance with the terms and conditions of the agreement and as per approved drawings and technical specifications.

Signature
Name & Designation
(Official address)

Place:
Date:

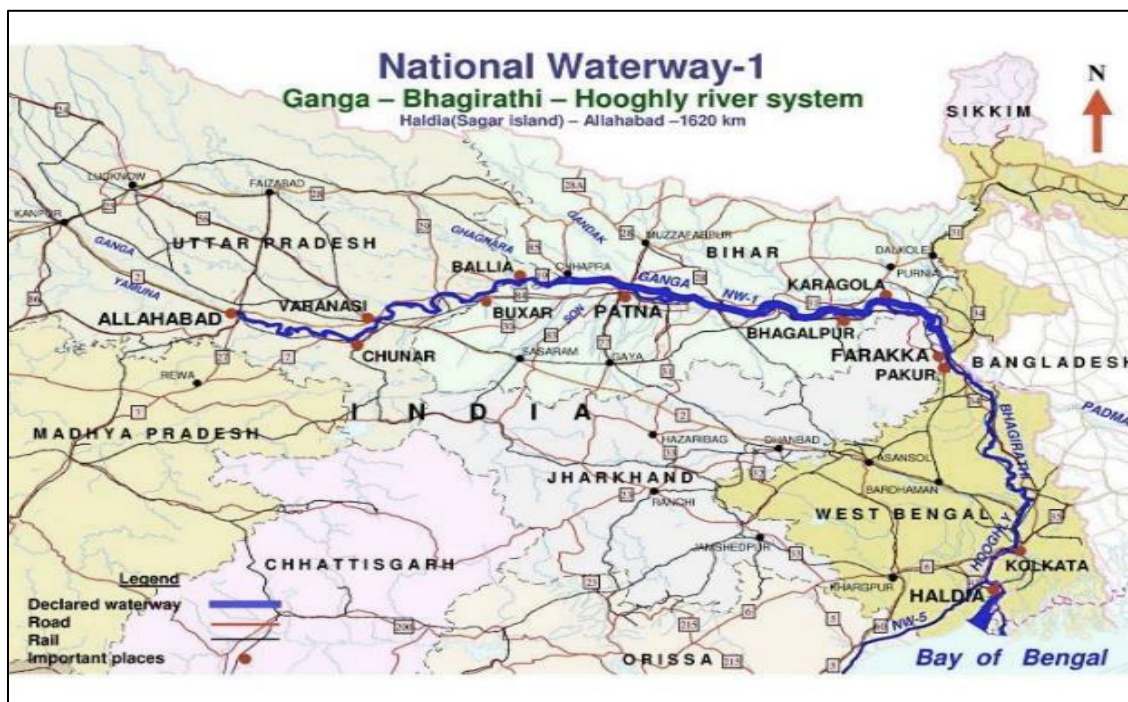
Office seal

Specification and Drawings

(TO BE FILLED BY REGIONAL OFFICE)

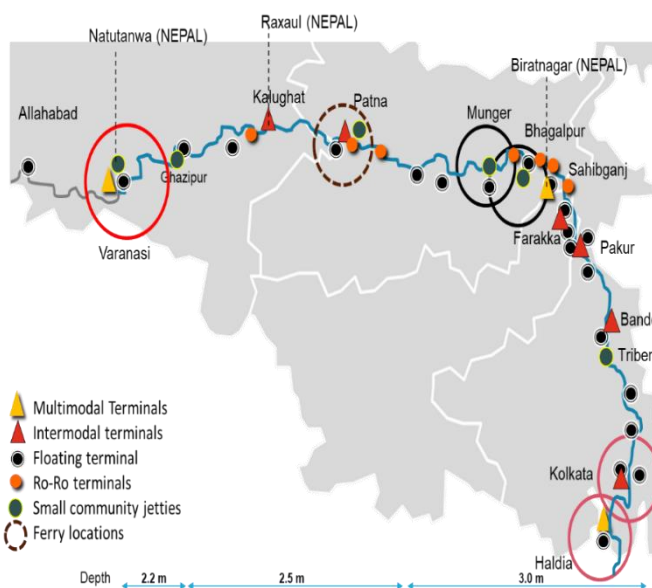
1. Background

- 1.1 The Employer is a statutory body of the Ministry of Ports, Shipping and Waterways (MoPS&W), Government of India (GoI). The Employer was set up in 1986 for regulation and development of inland waterways for the purposes of shipping and navigation. The Employer is primarily responsible for development, maintenance and regulation of Inland Water Transport (IWT) on the National Waterways (NWs) in the country. Presently, there are 111 NWs in the country.
- 1.2 IWT has the potential to provide a cost efficient, economic, reliable, safe and environment friendly mode of transport. When developed for use by modern inland vessels operating on dependable fairways, it can reduce congestion and investment needs in rail & road infrastructure, promote greater complementarities in the riparian states, enhance intra-regional trade and, through increased economies of scale, significantly reduce overall logistics costs for the benefit of the economy and India's global trade competitiveness.
- 1.3 The National Waterway-1 (NW-1), Ganga-Bhagirathi-Hooghly river system is located in India and runs from Haldia (Sagar) to Allahabad/Prayagraj across the Ganges, Bhagirathi and Hooghly river systems. It is 1620km long, making it the longest waterway in India. It is of prime importance amongst all the national waterways considering its locational advantages. The NW-1 passes through West Bengal, Jharkhand, Bihar and Uttar Pradesh and serves major cities and their industrial hinterland.



- 1.4 Considering the strong potential for transportation of multiple cargoes such as coal, fly ash, cement and clinker, stone chips, edible oils, petroleum products, foods grains and over dimensional cargo, the Employer is implementing “**Jal Marg Vikas Project (JMVP)**” for capacity augmentation of NW-1 with the technical and financial assistance of the World Bank to improve the navigability of NW-1 through: (i) fairway development by providing an assured depth of 2.2m to 3.0m throughout the corridor for atleast three hundred thirty (330) days in a year to make it navigable for comparatively larger vessels of 1,500-3,000 DWT; and (ii) civil structures, logistics and communications interventions required that includes multimodal terminals, jetties, navigational locks, barrages, channel marking systems etc.
- 1.5 As part of JMVP, the conceptualization of Arth Ganga was finalized to energize economic activities which will impact the overall ecosystem along the riverbank. Inland waterways is one of the most important pillars of Arth Ganga, that can lead to inclusive growth and play a key role in improving the livelihoods of the populations.

- 1.6 Arth Ganga is being developed on an approach based on principles of sustainable development model that focus on economic activities in & around the hinterland of NW-1 by providing opportunity to local communities to transport their goods and passenger (including tourist) movements through waterways as well as skill development and public / private sector capability developments to support the following:



Master Plan of Arth Ganga

- Economic benefits to the farmers, traders and public living around the Ganga belt;
- Growth of small-scale industries;
- Employment opportunities;
- Easy, cost-effective and environment friendly transportation of cargo;
- Improved logistics through small jetties; and
- Wider choice of logistics mode for cargo movement

Since, efficient logistics and transport systems are a critical enabler for sustaining as well as accelerating the economic growth along river Ganga, in this regard, JMVP has the potential to greatly channelize economic activities along river Ganga, thus also aligning to the objective of Arth Ganga.

- 1.7 The major components that have been envisaged under Arth Ganga are: (a) fairway development through dredging including bandalling and navigational aids; (b) channel stabilisation works; (c) construction of Ro-Ro terminals; (d) construction of new

community jetties; (e) modernization / rehabilitation of existing jetties; (f) modernization/ rehabilitation of existing navigational lock at Farakka; (g) RIS and DGPS; (h) Hydrographic equipment, HDP Software, Automatic Gauge Stations etc.; and (i) IWT promotional activities.

Scopes of works at different terminals locations are as follow:

- 1) Construction of mooring pins
- 2) Replacement of fenders with old automobile truck tyres including fixing tying etc. complete.
- 3) Procurement of GI pipe of 100mm dia for side support of pontoon about 6 mtrs long .
- 4) Procurement of thick and strong bamboos for side support of pontoon about 7 mtrs long.
- 5) Horticulture development on need basis as per BoQ.
- 6) Surface dressing/cleaning of terminal area including removing of vegetations not exceeding 15cm deep and disposal of up to 50 meter. (2 times on need basis from Oct 22 to March 2023).
- 7) Marking, Laying lime powder & cleaning regularly during the visit of the foreign tourists on board cruise vessel (Oct 22 to March 2023).
- 8) Construction of ramp with checker plate, joist, angle including joist, cheker plate, MS angle, square & rectangular hollow section, railing, transportation, labor charges, etc complete in all respect as per BoQ at specified locations.
- 9) Painting of pontoon with anti corrosive marine paint at different terminal locations.
- 10) Applying 2 coat of with anti corrosive marine paint in gangway all complete as per specification & direction of EIC at different terminal locations
- 11) Vehicle parking at specified location.
- 12) Bank protection near gangway foundation with providing rail pile, etc at specified location.
- 13) Supply and placement of sand filled bags as per requirement at different locations.
- 14) Electrification and other misc. works as per requirement on need basis at deferent location as per BoQ.