

REQUEST FOR BIDS

(RFB)

**NATIONAL OPEN COMPETITIVE PROCUREMENT
FOR PROCUREMENT OF 3 NOS. 7.5 TONNES STATIC AHEAD BOLLARD
PULL TUG BOAT**

(One-Envelope Bidding Process with e-Procurement)

**Request for Bids (RFB)
E-Procurement Notice**

Date:

Loan No./Credit No./ Grant No.: IBRD-P4830

RFB Reference No.: IN-IWT-120889-GO-RFB

1. The Government of India has applied for financing from the World Bank toward the cost of the Assam Inland Water Transport Project and intends to apply part of the proceeds toward payments under the contract **“Procurement of 3 Nos.7.5 Tonnes Static Ahead Bollard pull Tug boat ”**.
2. The Assam Inland Water Transport Development Society now invites Bids from eligible Bidders for supply of **Procurement of 3 Nos. 7.5 Tonnes Static Ahead Bollard pull Tug boat**.
3. Bidding will be conducted through national open competitive procurement procedure agreed with the World Bank, and is open to all eligible bidders as defined in the World Bank’s “Procurement Regulations for IPF Borrowers, July 2016 (“Procurement Regulations”). In addition, please refer to paragraphs 3.14 and 3.15 of the Procurement Regulations setting forth the World Bank’s policy on conflict of interest.
4. The bidding document is available online on www.assamtenders.gov.in, www.iwtdirectorate.assam.gov.in and Bidders will be required to register on the e-portal, which is free of cost. The bidders would be responsible for ensuring that any addenda available on the website/e-portal is also downloaded and incorporated.

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|-----|---|---|---------------------------|
| (a) | Date of commencement for download of bidding document | : | 01-10-2019 |
| (b) | Date and Time of Pre-Bid Meeting | : | 10-10-2019 at 13:00 hours |
| (c) | Last date and time for Submission of bids | : | 21-10-2019 at 14:00 hours |
| (d) | Time and date of opening of bids | : | 21-10-2019 at 16:00 hours |

5. For submission of the bid, the bidder is required to have Digital Signature Certificate (DSC) from one of the authorized Certifying Authorities authorised by Government of India for issuing DSC. Aspiring 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: www.assamtenders.gov.in . Bids must be submitted online on www.assamtenders.gov.in on or before the deadline for submission of bids, and will be opened online at the specified time and date for opening of bids, as given above. A Pre Bid meeting will be held at the office **Assam Inland Water Transport Development Society” 3rd floor, Directorate of Inland Water Transport, Assam, Ulubari, Guwahati - 781007, Assam, India** on 10th October, 2019 at 13:00 hours. The person attending the pre bid conference should have valid authorization from the authorized signatory of the prospective bidder. The prospective Bidders shall intimate the name of representative(s) (not more than two from one organization) to the above e-mail ID latest by 11:00 Hrs (IST). on 10th October’2019 for confirmation. Any bid or modifications to bid (including discount) received outside e-procurement system will not be considered. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened on the next working day at the same time. The electronic bidding system would not allow any late submission of bids.
7. All bids must be accompanied by a bid security as specified in the bid document. Procedure for submission of bid security is described in Para 8.
8. The bidders are required to submit (a) original bid security in approved form, (b) Power of attorney on non judicial stamp to “Additional State Project Director **Assam Inland Water Transport Development Society” 3rd floor, Directorate of Inland Water Transport, Assam, Ulubari, Guwahati - 781007, Assam, India** before the opening of the Bid given above, either by registered post/speed post/courier or by hand, failing which the bids will be declared non-responsive and will not be opened.
9. Other details can be seen in the bidding document. The Purchaser shall not be held liable for any delays due to system failure beyond its control. Even though the system will attempt to notify the bidders of any bid updates, the Purchaser shall not be liable for any information not received by the bidder. It is the bidders’ responsibility to verify the website for the latest information related to this bid.

*Dhrubajyoti Das, ACS
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Assam Inland Water Transport Development Society
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PART 1 – Bidding Procedures

Section I. Instructions to Bidders

A. General

1. Scope of Bid

- 1.1 In connection with the Specific Procurement Notice, Request for Bids (RFB), specified **in the Bid Data Sheet (BDS)**, the Purchaser, as specified **in the BDS**, issues this bidding document for the supply of Goods and, if applicable, any Related Services incidental thereto, as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this RFB are **specified in the BDS**.
- 1.2 Throughout this bidding document:
 - (a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, including if **specified in the BDS**, distributed or received through the electronic-procurement system used by the Purchaser) with proof of receipt;
 - (b) if the context so requires, “singular” means “plural” and vice versa; and
 - (c) “Day” means calendar day, unless otherwise specified as “Business Day”. A Business Day is any day that is an official working day of the Borrower. It excludes the Borrower’s official public holidays.

2. Source of Funds

- 2.1 The Government of India or Recipient (hereinafter called “Borrower”) **specified in the BDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount **specified in the BDS**, toward the project **named in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which this bidding document is issued.
- 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the Loan account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import is prohibited by decision of the United Nations

Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the proceeds of the Loan (or other financing).

3. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section VI, Fraud and Corruption.
- 3.2 In further pursuance of this policy, bidders shall permit and shall cause their agents (whether declared or not), subcontractors, sub-consultants, service providers, suppliers, and their personnel, to permit the Bank to inspect all accounts, records and other documents relating to any prequalification process, bid submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

4. Eligible Bidders

- 4.1 A Bidder may be a firm that is a private entity, a state-owned enterprise or institution subject to ITB 4.6, or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent, unless otherwise **specified in the BDS**. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Bidding process and, in the event the JV is awarded the Contract, during contract execution. This authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all members. Unless specified **in the BDS**, there is no limit on the number of members in a JV. In case of a successful bid, the joint venture agreement shall be registered in the place **specified in BDS** so as to be legally valid and binding on members.
- 4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:
- (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or

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- (b) receives or has received any direct or indirect subsidy from another Bidder; or
 - (c) has the same legal representative as another Bidder; or
 - (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the decisions of the Purchaser regarding this Bidding process; or
 - (e) any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods/ works that are the subject of the Bid; or
 - (f) any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
 - (g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
 - (h) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding document or specifications of the Contract, and/or the Bid evaluation process of such Contract; or (ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the Bidding process and execution of the Contract.

4.3 A firm that is a Bidder (either individually or as a JV member) shall not participate in more than one Bid, except for permitted alternative Bids. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Bids in which the firm is involved. A firm that is not a Bidder or a JV member, may participate as a subcontractor in more than one Bid.

4.4 A Bidder may have the nationality of any country, subject

to the restrictions pursuant to ITB 4.8. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub-consultants for any part of the Contract including related Services.

- 4.5 A Bidder that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, and in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in Section VI paragraph 2.2d, shall be ineligible to be prequalified for, bid for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address **specified in the BDS**.
- 4.6 Bidders that are state-owned enterprises or institutions in the Purchaser's Country may be eligible to compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of the Purchaser.
- 4.7 Not used.
- 4.8 Firms and individuals may be ineligible if so indicated in Section V, Eligible Countries and (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.
- 4.9 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Purchaser, as the Purchaser

shall reasonably request.

4.10 Not Used.

5. Eligible Goods and Related Services

- 5.1 All the Goods and Related Services to be supplied under the Contract and financed by the Bank may have their origin in any country in accordance with Section V, Eligible Countries.
- 5.2 For purposes of this ITB, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.
- 5.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Request for Bids Document

6. Sections of Bidding Document

- 6.1 The bidding document consist of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 8.

PART 1 Bidding Procedures

- Section I - Instructions to Bidders (ITB)
- Section II - Bidding Data Sheet (BDS)
- Section III - Evaluation and Qualification Criteria
- Section IV - Bidding Forms
- Section V - Eligible Countries
- Section VI - Fraud and Corruption

PART 2 Supply Requirements

- Section VII - Schedule of Requirements

PART 3 Contract

- Section VIII - General Conditions of Contract (GCC)
- Section IX - Special Conditions of Contract (SCC)

- Section X - Contract Forms

6.2 The Specific Procurement Notice, Request for Bids (RFB), issued by the Purchaser is not part of this bidding document.

6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the document, responses to requests for clarification, the Minutes of the Pre-Bid meeting (if any), or Addenda to the bidding document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.

6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding document and to furnish with its Bid all information or documentation as is required by the bidding document.

7. Clarification of Bidding Document

7.1 The electronic bidding system **specified in the BDS** provides for online clarifications. A Bidder requiring any clarification on the bidding document may notify the Purchaser online. Clarifications requested through any other mode shall not be considered by the Purchaser. The Purchaser will respond to any request for clarification, provided that such request is received prior to the deadline for submission of Bids within a period specified **in the BDS**. Description of clarification sought and the response of the Purchaser shall be uploaded for information of all Bidders without identifying the source of request for clarification. Should the clarification result in changes to the essential elements of the bidding document, the Purchaser shall amend the bidding document following the procedure under ITB 8 and ITB 22.2. It is the bidder's responsibility to check on the e-procurement system, for any addendum/ amendment/ corrigendum to the bidding document.

8. Amendment of Bidding Document

8.1 At any time prior to the deadline for submission of Bids, the Purchaser may amend the bidding document by issuing addenda. The addendum will appear on the e-procurement system under "Latest Corrigendum" and email notification is also automatically sent to those bidders who have started working on the tender, or as **otherwise specified in BDS**.

8.2 Any addendum thus issued shall be part of the bidding document and shall be deemed to have been communicated to all the bidders.

8.3 To give prospective Bidders reasonable time in which to

take an addendum into account in preparing their Bids, the Purchaser may, at its discretion, extend the deadline for the submission of Bids, pursuant to ITB 22.2.

C. Preparation of Bids

- 9. Cost of Bidding** 9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.
- 10. Language of Bid** 10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in English. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into English language, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 11. Documents
 Comprising the Bid** 11.1 The Bid shall comprise the following:
- (a) **Letter of Bid** prepared in accordance with ITB 12;
 - (b) **Price Schedules:** completed in accordance with ITB 12 and ITB 14;
 - (c) **Bid Security**, in accordance with ITB 19.1;
 - (d) **Alternative Bid:** if permissible, in accordance with ITB 13;
 - (e) **Authorization:** written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.3, and in accordance with ITB 20.4 in case of a JV;
 - (f) **Qualifications:** documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;
 - (g) **Bidder's Eligibility:** documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;
 - (h) **Eligibility of Goods and Related Services:** documentary evidence in accordance with ITB 16, establishing the eligibility of the Goods and Related Services to be supplied by the Bidder;
 - (i) **Conformity:** documentary evidence in accordance

with ITB 16 and 30, that the Goods and Related Services conform to the bidding document;

(j) **Manufacturer's authorization:** as required in the prescribed format; and

(k) any other document required **in the BDS**.

11.2 In addition to the requirements under ITB 11.1, Bids submitted by a JV (where permitted) shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all members and submitted with the Bid, together with a copy of the proposed Agreement.

11.3 The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.

12. Process of Bid Submission

12.1. The Letter of Bid and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.3. All blank spaces shall be filled in with the information requested.

12.2. Entire Bid including the Letter of Bid and filled-up Price Schedules shall be submitted online on e-procurement system specified in ITB 7.1. Details and process of online submission of the tender and relevant documents are given in the website mentioned above. Scanned copies of documents listed in clauses 11 and 12.3 should also be uploaded on this website.

12.3. **Submission of Original Documents:** The bidders are required to separately submit (i) original demand drafts towards the cost of bid document and registration on e-procurement website (if not previously registered) (as per RFB); and (ii) original bid security in approved form, with the office **specified in the BDS**, before the opening of the Bid, either by registered/speed post/courier or by hand, failing which the bids will be declared non-responsive and will not be opened. Hard copy of rest of the bid is not to be submitted.

13. Alternative Bids

13.1. Unless otherwise specified **in the BDS**, Alternative Bids shall not be considered.

14. Bid Prices and Discounts

14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall conform to

the requirements specified below.

- 14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.
- 14.3 The price to be quoted in the Letter of Bid in accordance with ITB 12.1 shall be the total price of the Bid, excluding any discounts offered.
- 14.4 The Bidder shall quote any unconditional discounts and indicate the methodology for their application in the Letter of Bid, in accordance with ITB 12.1.
- 14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified **in the BDS**. A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 29. However, if in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a Bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.
- 14.6 If so specified in ITB 1.1, Bids are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified **in the BDS**, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer discounts for the award of more than one Contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITB 14.4 provided the Bids for all lots (contracts) are submitted and opened at the same time.
- 14.7 The terms EXW and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce, as specified **in the BDS**.
- 14.8 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V, Eligible Countries. Similarly, the Bidder may obtain insurance

services from any eligible country in accordance with Section V, Eligible Countries. Prices shall be entered in the following manner:

- (a) For Goods:
 - (i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties (customs, excise etc.) and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
 - (ii) any Purchaser's Country vat, sales tax and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
 - (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) specified **in the BDS**.
- (b) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements, the price of each item comprising the Related Services (inclusive of any applicable taxes).

14.9 Deemed Export Benefits

Bidders may like to ascertain availability of excise or other duty exemption benefits, available for contracts financed under World Bank Credits/ Loans. They are solely responsible for obtaining such benefits, which they have considered in their bid and in case of failure to receive such benefits for reasons whatsoever, the Purchaser will not compensate the bidder.

Where the bidder has quoted taking into account such benefits, it must give all information required for issue of necessary Certificates in terms of the Central Excise Notification -108/95 along with its bid in form at Serial Number 7 of Section IV Bidding Forms. Where the Purchaser issues such Certificates, Excise Duty will not be reimbursed separately.

If the Bidder has considered the Deemed Export Benefits in its bid, the Bidder shall confirm and certify

that the Purchaser will not be required to undertake any responsibilities of the deemed export scheme or the benefits available during contract execution except issuing the required certificates. Bids which do not conform to this provision or any condition by the Bidder which makes the bid subject to availability of deemed export benefits or compensation on withdrawal of or any variations in the deemed export benefits scheme will make the bid non responsive and hence liable to rejection.

15. Currencies of Bid and Payment

15.1 The Bidder shall quote the Price in Indian Rupees only.

15.2 Not Used.

16. Documents Establishing the Eligibility and Conformity of the Goods and Related Services

16.1 Not Used.

16.2 To establish the conformity of the Goods and Related Services to the bidding document, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.

16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.

16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser.

16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

**17. Documents
Establishing the
Eligibility and
Qualifications of the
Bidder**

17.1 To establish Bidder's eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.

17.2 The documentary evidence of the Bidder's qualifications to perform the Contract if its Bid is accepted shall establish to the Purchaser's satisfaction:

- (a) that, if required **in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;
- (b) that, if required **in the BDS**, the Bidder is or will be (if awarded the Contract) represented by an Agent equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications;
- (c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria; and
- (d) Supplies for any particular item in each schedule of the bid should be from one manufacturer only. Bids from agents offering supplies from different manufacturers for the same item of the schedule in the bid will be treated as non-responsive.

**18. Period of Validity of
Bids**

18.1. Bids shall remain valid for the Bid Validity period specified **in the BDS**. The Bid Validity period starts from the date fixed for the Bid submission deadline (as prescribed by the Purchaser in accordance with ITB 22.1). A Bid valid for a shorter period shall be rejected by the Purchaser as nonresponsive.

18.2. In exceptional circumstances, prior to the expiration of the Bid validity period, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 19, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB 18.3.

18.3. If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial Bid validity period, the Contract price shall be determined as follows:

- (a) in the case of fixed price contracts, the Contract price shall be the Bid price adjusted by the factor specified **in the BDS**;
- (b) in the case of adjustable price contracts, no adjustment shall be made;
- (c) in any case, Bid evaluation shall be based on the Bid price without taking into consideration the applicable correction from those indicated above.

19. Bid Security

19.1. The Bidder shall furnish as part of its Bid, a Bid Security, as specified **in the BDS**, in original form and, in the amount specified **in the BDS**.

19.2. Not used.

19.3. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security shall be a demand guarantee in any of the following forms at the Bidder's option:

- (a) an unconditional bank guarantee issued by a Nationalized/ Scheduled bank located in India;
- (b) an irrevocable letter of credit issued by a Nationalized or Scheduled bank located in India;
- (c) a cashier's or certified check or demand draft issued by a Nationalized or Scheduled bank located in India; or
- (d) another security specified **in the BDS**,

In the case of a bank guarantee, the Bid Security shall be submitted using the Bid Security Form included in Section IV, Bidding Forms. The Bid Security shall be valid for forty five (45) days beyond the original validity period of the Bid, or beyond any period of extension if requested under ITB 18.2.

19.4. If a Bid Security is specified pursuant to ITB 19.1, any Bid not accompanied by a Bid Security in accordance with ITB 19.3 shall be rejected by the Purchaser as non-responsive.

19.5. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the Contract and furnishing the Performance

Security pursuant to ITB 46.

19.6. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required Performance Security.

19.7. The Bid Security may be forfeited:

- (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder in the Letter of Bid, or any extension thereto provided by the Bidder; or
- (b) if the Bidder does not accept the correction of its Bid Price pursuant to ITB 31; of
- (c) if the successful Bidder fails to:
 - (i) sign the Contract in accordance with ITB45; or
 - (ii) furnish a Performance Security in accordance with ITB 46.

19.8. The Bid Security of a JV must be in the name of the JV that submits the Bid. If the JV has not been legally constituted into a legally enforceable JV at the time of Bidding, the Bid Security shall be in the names of all future members as named in the letter of intent referred to in ITB 4.1 and ITB 11.2.

19.9. Not used.

20. Format and Signing of Bid

20.1 The Bidder shall prepare the Bid as per details given in ITB 21.

20.2 Bidders shall mark as “CONFIDENTIAL” information in their Bids which is confidential to their business.

20.3 The Bid shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified **in the BDS** and shall be uploaded along with the Bid.

20.4 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives. Documents establishing authority to sign the bid on behalf of the JV shall be

uploaded along with the bid.

- 20.5 Corrections if any in the bid can be carried out by editing the information before electronic submission on e-procurement portal..

D. Online Submission and Opening of Bids

- 21. Preparation of Bids**
- 21.1. Bids shall be submitted online on the e-procurement system specified in BDS 7.1. Detailed guidelines for viewing bids and submission of online bids are given on the website. The Request for Bids under this Project is published on this website. Any citizen or prospective bidder can logon to this website and view the Request for Bids and can view the details of works for which bids are invited. A prospective bidder can submit its bid online; however, the bidder is required to have enrolment/registration in the website, and should have valid Digital Signature Certificate (DSC) in the form of smart card/e-token obtained from any authorised certifying agency of Government of India (for class of DSC **specified in BDS**). The bidder should register in the website using the relevant option available. Then the Digital Signature registration has to be done with the e-token, after logging into the website. The bidder can then login the website through the secured login by entering the password of the e-token & the user id/password chosen during registration. After getting the bid schedules, the Bidder should go through them carefully and submit the specified documents, along with the bid, otherwise the bid will be rejected.
- 21.2. The completed bid comprising of documents indicated in ITB 12, should be uploaded on the e-procurement portal along with scanned copies of requisite certificates as are mentioned in different sections in the bidding document and scanned copy of the bid security.
- 21.3 All the documents are required to be signed digitally by the bidder. After electronic on line bid submission, the system generates a unique bid identification number which is time stamped as per server time. This shall be treated as acknowledgement of bid submission.
- 21.4 Physical, e-mail, Telex, Cable, or Facsimile bids will be rejected as non-responsive.
- 22. Deadline for Submission of Bids**
- 22.1. Bids must be uploaded online no later than the date and time specified **in the BDS**.
- 22.2. The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the bidding document in accordance with ITB 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

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- 23. Late Bids** 23.1. The electronic bidding system would not allow any late submission of bids after due date & time as per server time.
- 24. Withdrawal, Substitution, and Modification of Bids** 24.1. Bidders may modify their bids by uploading their request for modification before the deadline for submission of bids. For this the bidder need not make any additional payment towards the cost of bid document. For bid modification and consequential re-submission, the bidder is not required to withdraw his bid submitted earlier. The last modified bid submitted by the bidder within the bid submission time shall be considered as the bid. For this purpose, modification/withdrawal by other means will not be accepted. In online system of bid submission, the modification and consequential re-submission of bids is allowed any number of times. **A bidder may withdraw his bid by uploading the request before the deadline for submission of bids, however, if the bid is withdrawn, re-submission of the bid is not allowed (or allowed if specified in BDS).**
- 24.2. Bids requested to be withdrawn in accordance with ITB 24.1 shall not be opened.
- 24.3. No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder on the Letter of Bid or any extension thereof. This will result in the forfeiture of the Bid Security pursuant to ITB 19.7.
- 25. Bid Opening** 25.1. The Purchaser shall publicly open all Bids received by the deadline at the date and time specified **in the BDS**, and this could also be viewed by the bidders online. In all cases, original documents submitted as specified in ITB 12.3 shall be first scrutinized, and Bids that do not comply with the provisions of ITB 12.3 will be declared non-responsive and will not be opened. The bidder's names, the Bid prices, the total amount of each bid, including any discounts and Alternative Bid, and such other details as the Purchaser may consider appropriate will be notified online by the Purchaser at the time of bid opening.
- In the event of the specified date of bid opening being declared a holiday for the Purchaser, the bids will be opened at the appointed time and location on the next working day.
- 25.2. The electronic summary of the bid opening will be generated and uploaded online. The Purchaser will also prepare minutes of the Bid opening, including the information disclosed and upload the same for viewing

online. Only Bids, alternative bids if permitted in ITB 13, and discounts that are opened at Bid opening shall be considered further for evaluation.

E. Evaluation and Comparison of Bids

- 26. Confidentiality**
- 26.1 Information relating to the evaluation of Bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the Bidding process until the information on Intention to Award the Contract is transmitted to all Bidders in accordance with ITB 40.
- 26.2 Any effort by a Bidder to influence the Purchaser in the evaluation or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB 26.2, from the time of Bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the Bidding process, it should do so in writing.
- 27. Clarification of Bids**
- 27.1 To assist in the examination, evaluation, comparison of the Bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the Bids, in accordance with ITB 31.
- 27.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Purchaser's request for clarification, its Bid may be rejected.
- 28. Deviations, Reservations, and Omissions**
- 28.1 During the evaluation of Bids, the following definitions apply:
- (a) "Deviation" is a departure from the requirements specified in the bidding document;
 - (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the bidding document; and
 - (c) "Omission" is the failure to submit part or all of the information or documentation required in the

bidding document.

29. Determination of Responsiveness

- 29.1 The Purchaser's determination of a Bid's responsiveness is to be based on the contents of the Bid itself, as defined in ITB 11.
- 29.2 A substantially responsive Bid is one that meets the requirements of the bidding document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- (a) if accepted, would:
 - (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - (ii) limit in any substantial way, inconsistent with the bidding document, the Purchaser's rights or the Bidder's obligations under the Contract; or
 - (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.
- 29.2.1 Bids from Agents, without proper authorization from the manufacturer as per Section IV, shall be treated as non-responsive.
- 29.3 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB 11 have been provided, and to determine the completeness of each document submitted.
- 29.3.1 The Purchaser shall examine the technical aspects of the Bid submitted in accordance with ITB 16 and ITB 17, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.
- 29.3.2 The Purchaser shall examine the bid to confirm that the Bidder has accepted all terms and conditions specified in GCC and the SCC without material deviations or reservations. Deviations from or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 18), Warranty (GCC Clause 28), Force Majeure (GCC Clause 32), Limitation of liability (GCC Clause 30), Governing law (GCC Clause 9) and Taxes & Duties (GCC Clause 17) will be deemed to be a material deviation. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

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- 29.4 If a Bid is not substantially responsive to the requirements of bidding document, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.
- 30. Nonconformities, Errors and Omissions**
- 30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities or omissions in the Bid which do not constitute a material deviation, reservation or omission.
- 30.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Bid related to documentation requirements. Such omission shall not be related to any aspect of the price or substance of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- 30.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified **in the BDS**.
- 31. Correction of Arithmetical Errors**
- 31.1 The e-procurement system automatically calculates the total amount from unit rates and quantities and the system also automatically populates the amount in words from the amount in figures and therefore there is no scope of discrepancy and need for arithmetic correction.
- 32. Conversion to Single Currency**
- 32.1 Not applicable.
- 33. Margin of Preference**
- 33.1 Not applicable.
- 34. Evaluation of Bids**
- 34.1 The Purchaser shall use the criteria and methodologies listed in this ITB and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Purchaser shall determine the Most Advantageous Bid. This is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:
- (a) substantially responsive to the bidding document;

and

(b) the lowest evaluated cost.

34.2 To evaluate a Bid, the Purchaser shall consider the following:

- (a) evaluation will be done for Items or Lots (contracts), as specified **in the BDS**; and the Bid Price as quoted in accordance with ITB 14;
- (b) not used;
- (c) price adjustment due to discounts offered in accordance with ITB 14.4;
- (d) Not used;
- (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3; and
- (f) the additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria.

34.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.

34.4 If this bidding document allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated cost of the lot (contract) combinations, including any discounts offered in the Letter of Bid, is specified in Section III, Evaluation and Qualification Criteria.

34.5 The Purchaser's evaluation of a Bid will exclude and not take into account:

- (a) in the case of Goods manufactured in India or goods of foreign origin already located in India, vat, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;
- (b) Not used;
- (c) any allowance for price adjustment during the period of execution of the contract, if provided in the Bid.

34.6 The Purchaser's evaluation of a Bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB 14. These factors

may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Bids, unless otherwise specified **in the BDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The criteria and methodologies to be used shall be as specified in ITB 34.2(f).

- 35. Comparison of Bids** 35.1 The Purchaser shall compare the evaluated costs of all substantially responsive Bids established in accordance with ITB 34.2 to determine the Bid that has the lowest evaluated cost.
- 36. Abnormally Low Bids**
- 36.1 An Abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns with the Purchaser as to the capability of the Bidder to perform the Contract for the offered Bid price.
- 36.2 In the event of identification of a potentially Abnormally Low Bid, the Purchaser, unless otherwise **specified in the BDS**, shall seek written clarification from the Bidder, including a detailed price analyses of its Bid price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the bidding document.
- 36.3 After evaluation of the price analyses, in the event that the Purchaser determines that the Bidder has failed to demonstrate its capability to perform the contract for the offered Bid price, the Purchaser shall reject the Bid.
- 37. Qualification of the Bidder**
- 37.1 The Purchaser shall determine, to its satisfaction, whether the eligible Bidder that is selected as having submitted the lowest evaluated cost and substantially responsive Bid, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the bidding document), or any other firm(s) different from the Bidder.

- 37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Purchaser shall proceed to the Bidder who offers a substantially responsive Bid with the next lowest evaluated cost to make a similar determination of that Bidder's qualifications to perform satisfactorily.
- 38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids** 38.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract Award, without thereby incurring any liability to Bidders. In case of annulment, all documents submitted and specifically, bid securities, shall be promptly returned to the Bidders.
- 39. Standstill Period** 39.1 The Contract shall be awarded not earlier than the expiry of the Standstill Period. The duration of the Standstill Period is **specified in the BDS**. Where only one Bid is submitted, the Standstill Period shall not apply.
- 40. Notice of Intention to Award** 40.1 When a Standstill Period applies, it shall commence when the Purchaser has transmitted to each Bidder (that has not already been notified that it has been unsuccessful) the Notification of Intention to Award the Contract to the successful Bidder. The Notification of Intention to Award shall contain, at a minimum, the following information:
- (a) the name and address of the Bidder submitting the successful Bid;
 - (b) the Contract price of the successful Bid;
 - (c) the names of all Bidders who submitted Bids, and their Bid prices as readout, and as evaluated;
 - (d) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the letter is addressed) was unsuccessful, unless the price information in (c) above already reveals the reason;
 - (e) the expiry date of the Standstill Period;
 - (f) instructions on how to request a debriefing and/or submit a complaint during the standstill period

F. Award of Contract

- 41. Award Criteria** 41.1 Subject to ITB 38, the Purchaser shall award the Contract to the Bidder offering the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder

that meets the qualification criteria and whose Bid has been determined to be:

(a) substantially responsive to the bidding document; and

(b) the lowest evaluated cost.

42. Purchaser's Right to Vary Quantities at Time of Award

42.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages specified **in the BDS**, and without any change in the unit prices or other terms and conditions of the Bid and the bidding document.

43. Notification of Award

43.1 Prior to the expiration of the Bid Validity Period and upon expiry of the Standstill Period, specified in BDS ITB 39.1 or any extension thereof, or upon satisfactorily addressing a complaint that has been filed within the Standstill Period, the Purchaser shall transmit the Letter of Acceptance to the successful Bidder. The Letter of Acceptance shall specify the sum that the Purchaser will pay the Supplier in consideration of the execution of the Contract (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price").

43.2 At the same time, the Purchaser shall publish the Contract Award Notice which shall contain, at a minimum, the following information:

- (a) name and address of the Purchaser;
- (b) name and reference number of the contract being awarded, and the selection method used;
- (c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;
- (d) names of all Bidders whose Bids were rejected either as nonresponsive or as not meeting qualification criteria, or were not evaluated, with the reasons therefor; and
- (e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope.

43.3 The Contract Award Notice shall be published on a National website (GoI website <http://tenders.gov.in>) or on the Purchaser's website with free access if available, or in the official gazette.

43.4 Until a formal Contract is prepared and executed, the

Letter of Acceptance shall constitute a binding Contract.

44. Debriefing by the Purchaser

- 44.1 On receipt of the Purchaser's Notification of Intention to Award referred to in ITB 40.1, an unsuccessful Bidder has three (3) Business Days to make a written request to the Purchaser for a debriefing. The Purchaser shall provide a debriefing to all unsuccessful Bidders whose request is received within this deadline.
- 44.2 Where a request for debriefing is received within the deadline, the Purchaser shall provide a debriefing within five (5) Business Days, unless the Purchaser decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. In any case, irrespective of the circumstances, all debriefings shall be completed within 10 business days. The Purchaser shall promptly inform, by the quickest means available, all Bidders of the extended standstill period
- 44.3 Where a request for debriefing is received by the Purchaser later than the three (3)-Business Day deadline, the Purchaser should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.
- 44.4 Debriefing of unsuccessful Bidders may be done in writing or verbally. The debriefing will cover only the bid of particular bidder requesting the debriefing, and not the bids of the competitors. The Bidder shall bear its own costs of attending such a debriefing meeting.

45. Signing of Contract

- 45.1 Promptly upon Notification of Award, the Purchaser shall send the successful Bidder the Contract Agreement.
- 45.2 Within twenty-one (21) days of receipt of the Contract Agreement, the successful Bidder shall (a) furnish the performance security in accordance with ITB 46; (b) if the successful bidder is a JV (where JVs are permitted), it shall also furnish the JV agreement duly signed by all the members, if it had submitted only a letter of intent to execute the JV agreement along with the bid; and (c) shall sign, date, and return the Contract Agreement to

the Purchaser along with the documents listed at (a) and (b) above.

45.3 Not applicable

46. Performance Security

46.1 Within twenty-one (21) days of the receipt of Letter of Acceptance from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC 18, using for that purpose the Performance Security Form included in Section X, Contract Forms. The performance security of a Joint Venture shall be in the name of the Joint Venture specifying the names of all members.

46.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the Bidder offering the next Most Advantageous Bid.

Section II - Bid Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Reference	A. General
ITB 1.1	<p>The reference number of the Request for Bids (RFB) is : IN-IWT-120889-GO-RFB</p> <p>The Purchaser is: <i>Assam Inland Water Transport Development Society</i> Procurement of 3 Nos. 7.5 Tonnes Static Ahead Bollard pull Tug boat</p> <p>The number and identification of lots (contracts) comprising this RFB is: one</p>
ITB 1.2(a)	The Purchaser shall use the electronic-procurement system specified in BDS 7.1 to manage this Bidding process.
ITB 2.1	<p>The Borrower is: Government of India</p> <p>Loan or Financing Agreement amount: US\$120 million</p> <p>The name of the Project is: Assam Inland Water Transport Project</p>

ITB 4.1	Bids from Joint Ventures are not permitted.
ITB 4.5	A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr .
	B. Contents of Bidding Document
ITB 7.1	<p>Electronic –Procurement System</p> <p>The Purchaser shall use the following electronic-procurement system to manage this Bidding process: www.assamtenders.gov.in.</p> <p>Requests for clarification should be received by the Purchaser no later than 14 days prior to the deadline for submission of bids</p>
ITB 8.1	The addendum will appear on the e-procurement system under <i>Latest Corrigendum</i> and email notification is also automatically sent to those bidders who have started working on this tender.
	C. Preparation of Bids
ITB 11.1 (k)	<p>The Bidder shall submit the following additional documents in its Bid:</p> <ol style="list-style-type: none"> a) Model test reports/ Evaluation trials by Classification Society to which boat with same hull form has been supplied in the past. Details of proven design of the similar type of boat previously built. In the case that proven design(s) are unavailable, the supplier shall provide an undertaking to conduct model testing before the commencement of production b) General Arrangement plans showing the proposed layout of the vessel(s) below decks, on the main, and other decks c) Specifications, catalogues, brochures, leaflets and other similar documents for all essential machinery, equipment and outfit items d) Details of estimated tonnages, including lightweight, deadweight & gross tonnage e) Powering calculation for free running ahead speed and static ahead Bollard Pull. f) Detail of the shipyard or place where the vessels shall be constructed along with the facilities and equipment therein. g) Activity wise Construction Plan Bar Chart h) Electrical load chart for different operational modes is to be submitted in justification of DG Set offered. i) Manufacturer's authorization is: required as per proforma in Section IV (in case bidder is not a manufacturer)

ITB 12	Note for Bidders: Bidders have to submit the bids on the e-procurement portal along with the relevant required documents. For this purpose, the bidders shall fill up online including price schedule, the forms that are available for online filling on the e-portal. The rest of the forms shall be download by the bidders and filled up. The filled up pages shall then be scanned and uploaded on the e-procurement portal along with the scanned copies of the supporting documents.
ITB 12.3	For submission of (a) original bid security in approved form, (b) Power of attorney on non judicial stamp, the Purchaser's address is: <i>Additional State Project Director Assam Inland Water Transport Development Society DIWT Office, Ulubari, Guwahati Email: dir.iwtds-as@gov.in</i>
ITB 13.1	Alternative Bids <i>shall not be</i> considered.
ITB 14.5	The prices quoted by the Bidder shall not be subject to adjustment during the performance of the Contract. If prices shall be adjustable, the methodology specified in Special Conditions of Contract will apply.
ITB 14.7	The Incoterms edition is Incoterms 2010 or latest
ITB 14.8 (a)(iii)	Final Destination (Project Site): Guwahati, Neamati and Dhubri ferry service, Assam, India
ITB 16.4	Period of time the Goods are expected to be functioning (for the purpose of spare parts): shall be Ten Years
ITB 17.2 (a)	Manufacturer's authorization is: <i>required as per proforma in Section IV</i>
ITB 17.2 (b)	After sales service is: <i>required</i> which shall be provided by the Supplier or alternatively by its Agent.
ITB 18.1	The Bid validity period shall be 120 days.
ITB 18.3 (a)	The Bid price shall be adjusted by the following factor: The factor shall be 1.0007692 per week.
ITB 19.1	A <i>Bid Security shall be</i> required. The Bid Security amount shall be <u>INR 20,00,000.00/- (Rupees Twenty Lakhs) only.</u>
ITB 19.3 (d)	Other types of acceptable securities are: None
ITB 20.3	The written confirmation of authorization to sign on behalf of the Bidder

	shall consist of: Power of Attorney in Non-Judicial Stamp Paper.
D. Online Submission and Opening of Bids	
ITB 21.1	Class of DSC required is: Class II
ITB 22.1	The deadline for uploading the Bids is: Date: 21-10-2019 Time: 14:00 Hours
ITB 24.1	Replace ITB 24.1 with the following: “24.1. Bidders may modify their bids by using appropriate option for bid modification on the e-procurement portal, before the deadline for submission of bids. For this the bidder need not make any additional payment towards the cost of bid document. For bid modification and consequential re-submission, the bidder is not required to withdraw his bid submitted earlier. The last modified bid submitted by the bidder within the bid submission time shall be considered as the Bid. For this purpose, modification/withdrawal by other means will not be accepted. In online system of bid submission, the modification and consequential re-submission of bids is allowed any number of times. A bidder may withdraw his bid by using appropriate option for bid withdrawal, before the deadline for submission of bids, however, if the bid is withdrawn, re-submission of the bid is allowed.”
ITB 25.1	The online Bid opening shall take place on: Date: 21-10-2019 Time: 16:00 Hrs.
E. Evaluation and Comparison of Bids	
ITB 30.3	The adjustment shall be based on the highest price of the item or component as quoted in other substantially responsive Bids, subject to a maximum of the estimated price of the item. If the price of the item or component cannot be derived from the price of other substantially responsive Bids, the Purchaser shall use its best estimate.
ITB 34.2(a)	Evaluation will be done for Items Bids will be evaluated for all the items together and the Contract will

	comprise the item(s) awarded to the successful Bidder.
ITB 34.6	<p>The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria:</p> <ul style="list-style-type: none"> (a) Deviation in Delivery schedule: No (b) Deviation in payment schedule: No (c) the cost of major replacement component, mandatory spare parts, and service: No (d) the availability in the Purchaser's Country of spare parts and after-sales services for the equipment offered in the Bid Yes. If the bidder quotes separately for setting up of the above services, then this cost will be added for the evaluation purpose. In case the spares and after-sale services are not available then such a bid will be summarily rejected (e) Life cycle costs: the costs during the life of the goods or equipment: No (f) the performance and productivity of the equipment offered; No (g) The Cost of After Sales Services: No
ITB 36.2	Provisions related to Abnormally Low Bids do not apply.
ITB 39.1 Standstill Period	The Standstill Period is 10 Business Days from the date the Purchaser has transmitted to all Bidders that submitted Bids, the Notification of its Intention to Award the Contract to the successful Bidder.
	F. Award of Contract
ITB 42	<p>The maximum percentage by which quantities may be increased is: 33%</p> <p>The maximum percentage by which quantities may be decreased is: 33%</p>

Section III -Evaluation and Qualification Criteria

This Section contains the criteria that the Purchaser shall use to evaluate a Bid and qualify the Bidders. No other factors, methods or criteria shall be used other than specified in this bidding document.

A. Margin of Preference (ITB 33) – Not Applicable

Most Advantageous Bid

The Purchaser shall use the criteria and methodologies listed in Section 2 and 3 below to determine the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:

- (a) substantially responsive to the bidding document; and
- (b) the lowest evaluated cost.

2. Evaluation (ITB 34)

2.1. Evaluation Criteria (ITB 34.6)

The Purchaser's evaluation of a Bid may take into account, in addition to the Bid Price quoted in accordance with ITB 14.8, one or more of the following factors as specified in ITB 34.2(f) and in BDS referring to ITB 34.6, using the following criteria and methodologies.

- (a) Delivery schedule. (As per Incoterms specified in the BDS) : Not Applicable
- (b) Deviation in payment schedule. : Not Applicable
- (c) Cost of major replacement components, mandatory spare parts, and service. *Not Applicable*
- (d) Availability in the Purchaser's Country of spare parts and after sales services for equipment offered in the Bid: *Not Applicable*.
- (e) Life Cycle Costs : Not Applicable
- (f) Performance and productivity of the equipment: Not Applicable
- (g) Specific additional criteria : None

2.2. Multiple Contracts (ITB 34.4) – Not Applicable

2.3. Alternative Bids (ITB 13.1) : Not Allowed

TECHNICAL PART

1. Qualification (ITB 37)

1.1 Qualification Criteria (ITB 37.1)

After determining the substantially responsive Bid which offers the lowest-evaluated cost in accordance with ITB 34, and, if applicable, the assessment of any Abnormally Low Bid (in accordance with ITB 36) the Purchaser shall carry out the post-qualification of the Bidder in accordance with ITB 37, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

Procurement of 3 Nos. 7.5 Tonnes Static Ahead Bollard pull Tug boat

(a) If the Bidder is a manufacturer:

(i) Financial Capability

1. The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

The Bidder should have an average annual turnover of not less than INR 195 Million for the preceding 3 financial years Audited copies of Balance Sheets showing turnover, Profit & Loss account of the firm for the preceding financial 3 years (2017-18, 2016-17, 2015-16) should be submitted along with the tender document.

(ii) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

- a. The bidder is an established Tug Boat manufacturer having all the necessary technical experience and having their own manufacturing facility of Tug Boat/vessels for past 7 Years or more.
- b. Manufactured below mentioned goods in the last 7 Years fulfilling the following criteria:

Successfully manufactured and delivered at least two Tug Boat of minimum capacity 7.5 Ton Bollard Pull or more and certified by any Classification Society.

(iii) Documentary Evidence

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement: stated in Section VII of the bid document.

(iv) Past Supplies

The Bidders must furnish details of supplies made by him in the last Seven Years in proforma attached in Section IV.

(b) If Bidder is not a manufacturer:

(i) Financial Capability

The Bidder should have an average annual turnover of not less than INR 195 Million for the preceding 3 financial years Audited copies of Balance Sheets showing turnover, Profit & Loss account of the firm for the preceding financial 3 years (2017-18, 2016-17, 2015-16) should be submitted along with the tender document.

(ii) Experience and Technical Capacity

If a Bidder is not a manufacturer, but is offering the Goods on behalf of the Manufacturer under Manufacturer's Authorization Form (Section IV, Bidding Forms), the Manufacturer shall demonstrate the above qualifications a (i), a (ii), a (iii) and the Bidder shall demonstrate that it has successfully supplied below mentioned goods in the last five years in which bids are invited fulfilling of the following criteria:

Successfully delivered at least two (02) Tug Boat of minimum capacity 7.5 Ton Bollard Pull or more and certified by any Classification Society.

(iii) Documentary Evidence

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement: stated in Section VII of the bid document.

(iv) Past Supplies

The Bidders must furnish details of supplies made by him in the last Seven Years in proforma attached in Section IV.

Section IV -Bidding Forms

1. Letter of Bid

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

The Bidder must prepare this Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and business address.

Note: All italicized text is to help Bidders in preparing this form.

No alterations to the text except as provided in ITB 20.3, shall be permitted and no substitutions shall be accepted except as provided in ITB 12.

Date of this Bid submission: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of RFB process]*

Request for Bid No.: *[insert identification]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Purchaser]*

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including Addenda issued in accordance with Instructions to Bidders (ITB 8);
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services]*;
- (d) **Bid Price:** The total price of our Bid, excluding any discounts offered in item (e) below is:

3 Nos. 7.5 Tonnes Static Ahead Bollard pull Tug boat: Total price is: *[insert the total price of the Bid in Rs in words and figures]*;
- (e) **Discounts:** The discounts offered and the methodology for their application are:
 - (i) The discounts offered are: *[Specify in detail each discount offered.]*
 - (ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts]*;
- (f) **Bid Validity Period:** Our Bid shall be valid for the period specified in BDS 18.1 (as amended, if applicable) from the date fixed for the Bid submission deadline specified in BDS 22.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (g) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;

- (h) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other Bid(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITB 4.3, other than alternative Bids submitted in accordance with ITB 13;
- (i) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Purchaser's Country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (j) **State-owned enterprise or institution:** *We are not a state-owned enterprise or institution/ We are a state-owned enterprise or institution but meet the requirements of ITB 4.6;*
- (k) **Commissions, gratuities, 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]*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

- (l) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (m) **Purchaser Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, the Most Advantageous Bid or any other Bid that you may receive;
- (n) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption; and
- (o) We also undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India on date namely "Prevention of Corruption Act 1988."

Name of the Bidder: **[insert complete name of the Bidder]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: ***[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

** : Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

2. Bidder Information Form

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of RFB process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

Page _____ of _____ pages

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. In case of JV, legal name of each member : <i>[insert legal name of each member in JV]</i>
3. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
5. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
6. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • Establishing that the Bidder is not under the supervision of the Purchaser
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.]*

3. Price Schedule: For Supply as per Schedule of Requirements

Price Schedule format is available in excel format under Financial Folder in the E-Procurement Portal www.assamtenders.gov.in . Bidder has to fill that format online in the e-procurement system.

Date: _____ NCB No: _____									
Currencies in accordance with ITB15									
1	2	3	4	5	6	7	8	9	10
Line Item N°	Description of Goods	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price EXW	Total EXW price per line item [including Goods and Service Tax if any] (Col. 4×5)	Price per line item for inland transportation and other services required in the Purchaser's Country to convey the Goods to their final destination	Cost of local labor, raw materials and components from within the Purchaser's Country % of Col. 5	GST and other taxes payable per line item if Contract is awarded (in accordance with ITB 14.8(a)(ii))	Total Price per line item (Col. 6+7)
<i>[insert number of the item]</i>	<i>[insert name of Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert EXW unit price]</i>	<i>[insert total EXW price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[Insert cost of local labor, raw material and components from within the Purchase's country as a % of the EXW price per line item]</i>	<i>[insert sales and other taxes payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>
01	7.5 TONNES STATIC AHEAD BOLLARD PULL TUG BOAT	365 day	03 nos.						
Total Price									

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

4. Price and Completion Schedule - Related Services (Not Applicable)

4. Price and Completion Schedule - Related Services (Not Applicable)

5. Forms of Bid Security

Form of Bid Security - Bank Guarantee

[Guarantor letterhead or SWIFT identifier code]

Bank Guarantee No.....*[insert guarantee reference number]*

Date.....*[insert date of issue of the guarantee]*

WHEREAS, _____ *[name of Bidder]*¹ (hereinafter called "the Applicant") has submitted his Bid dated _____ *[date]* or will submit his Bid for the supply of _____ *[name of Contract]* (hereinafter called "the Bid") under Request for Bids No.....*[insert number]* (hereinafter called "the RFB")

KNOW ALL PEOPLE by these presents that We _____ *[name of bank]* of _____ *[name of country]* having our registered office at _____ (hereinafter called "the Bank") are bound unto _____ *[name of Purchaser]* (hereinafter called "the Purchaser ") in the sum of _____² for which payment well and truly to be made to the said Purchaser the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20____.

THE CONDITIONS of this obligation are:

- (1) If after Bid opening the Applicant (a) withdraws his bid during the period of Bid validity specified in the Letter of Bid; or (b) does not accept the correction of the Bid Price pursuant to ITB 31;

or

- (2) If the Applicant having been notified of the acceptance of his bid by the Purchaser during the period of Bid validity:
 - (a) fails or refuses to execute the Contract Agreement in accordance with the Instructions to Bidders, if required; or

¹*In the case of a JV, the bidder should be stated as "a Joint Venture consisting of, and".*

²*The Applicant should insert the amount of the guarantee in words and figures denominated in Indian Rupees. This figure should be the same as shown in Clause 19.1 of the Instructions to Bidders.*

- (b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders.

we undertake to pay to the Purchaser up to the above amount upon receipt of his first written demand, without the Purchaser having to substantiate his demand, provided that in his demand the Purchaser will note that the amount claimed by him is due to him owing to the occurrence of one or any of the four conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date _____³ days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Purchaser, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.

DATE _____ SIGNATURE OF THE BANK _____

WITNESS _____ SEAL _____

[signature, name, and address]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

³45 days after the end of the validity period of the Bid.

6. Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the BDS.]

Date: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of RFB process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Purchaser]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

No company or firm or individual other than M/s. _____ are authorized to bid, and conclude the contract for the above goods manufactured by us against this specific RFB. *[This para should be deleted for simple items where manufacturers normally sell the product through different stockists].*

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

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

[Note – Modify this format suitably in cases where manufacturer's warranty and guarantee are not applicable for the items for which bids are invited. If the supply consists of number of items, indicate the specific item (s) for which alone the above authorization is required.]

7. DECLARATION for Claiming Excise Duty Exemption

(Name of the Project)

RFB No.

Description of item to be supplied

.....

(Information for issue of certificate for claiming exemption of Excise Duty (ED) in terms of Central excise notification No. 108/95)

(Bidder's Name and Address):

To
(Name of
Purchaser)

.....

Dear Sir:

1. We confirm that we are solely responsible for obtaining deemed export benefits which we have considered in our bid and in case of failure to receive such benefits for reasons whatsoever, Purchaser will not compensate us.
2. We are furnishing below the information required by the Purchaser for issue of necessary certificate in terms of Central Excise notification no 108/95 read along with all subsequent amendments including the amendment dated 01-03-2008.

(i) Ex-factory price per unit on which ED is payable: *Rs.

(ii) No of Units to be supplied:

(iii) Total cost on which ED is payable (Rs.)

(The requirements listed above are as per Current notifications. These may be modified, as necessary, in terms of the rules in force)

(Signature)_____

(Printed Name) _____
(Designation) _____
(Common Seal) _____

** Please attach details item-wise with cost, if there are more than one items. The figures indicated should tally with what is given in the price schedule.*

8. Proforma FOR PERFORMANCE Statement

[Please see ITB 37.2 and Section III-
Evaluation and Qualification Criteria]

Proforma for Performance Statement (for a period of last Seven years)

RFB No. _____
_____ Hours

Date of opening _____

Time

Name of the Firm _____

<u>Order placed by (full address of Purchaser)</u>	<u>Order No. and date</u>	<u>Description and quantity of ordered equipment</u>	<u>Value of order</u>	<u>Date of completion of delivery</u>		<u>Remarks indicating reasons for late delivery, if any</u>	<u>Has the equipment been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee)</u>
				As per contract	Actual		
1	2	3	4	5	6	7	8

Signature and seal of the Bidder _____

Section V -Eligible Countries

Eligibility for the Provision of Goods, Works and Non Consulting Services in Bank-Financed Procurement

In reference to ITB 4.8 and ITB 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this Bidding process:

Under ITB 4.8(a) and ITB 5.1: *None [insert a list of the countries following approval by the Bank to apply the restriction or state "none"]*.

Under ITB 4.8(b) and ITB 5.1: *None [insert a list of the countries following approval by the Bank to apply the restriction or state "none"]*

Section VI -Fraud and Corruption

(Section VI shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders, consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
 - i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v. "obstructive practice" is:
 - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
 - c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
 - d. Pursuant to the Bank's Anti- Corruption Guidelines, and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;⁴ (ii) to be a nominated⁵ sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
 - e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders, consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect⁶ all

⁴ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

⁵ A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

⁶ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and

accounts, records and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.

information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

PART 2 – Supply Requirements

Section VII - Schedule of Requirements

1. List of Goods and Delivery Schedule

Line Item N°	Description of Goods	Quantity	Physical unit	Final Destination (Project Site) as specified in BDS	Delivery (as per Incoterms) Date			
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date [to be provided by the Bidder]	Bid Security in Indian Rupees ⁷
<i>[insert item No]</i>	<i>[insert description of Goods]</i>	<i>[insert quantity of item to be supplied]</i>	<i>[insert physical unit for the quantity]</i>	<i>[insert place of Delivery]</i>	<i>[insert the number of days following the date of effectiveness the Contract]</i>	<i>[insert the number of days following the date of effectiveness the Contract]</i>	<i>[insert the number of days following the date of effectiveness the Contract]</i>	
01	Supply of 7.5 Tonnes Static Ahead ton Bollard pull Tug boat	03	Number	Each at Guwahati, Neamati and Dhubri .	365	365		20,00,000.00

⁷ Bid security listed here must be the same as provided under ITB/BDS 19.1.

2. List of Related Services and Completion Schedule (Not Applicable)

Service	Description of Service	Quantity ¹	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
<i>[insert Service No]</i>	<i>[insert description of Related Services] [Insert after modifying as appropriate deleting inapplicable items from the following:]</i>	<i>[insert quantity of items to be supplied]</i>	<i>[insert physical unit for the items]</i>	<i>[insert name of the Place]</i>	<i>[insert required Completion Date(s)]</i>

1. If applicable

3. Technical Build Specification for the Riverine

Pusher cum Towing Tug

for NW-2 & occasionally in NW-1 in Assam

1. GENERAL

2. SHIP GENERAL

3. HULL

4. SHIP EQUIPMENT

5. EQUIPMENT FOR CREW AND PASSENGERS

6. MACHINERY MAIN COMPONENTS

7. SYSTEMS FOR MACHINERY COMPONENTS

8. ELECTRICAL SYSTEM

1.0 GENERAL

The intent of this specification is to describe the Design, Construction, Equipment and Outfitting, Commissioning as well as compliance to Classification, Statutory rules and regulations for new building of a River going Pusher Cum Towing Tug, henceforth called 'Vessel/Tug'.

The Tug will be a single deck steel hull vessel with steel superstructure and open cargo deck at aft. The hull will have transverse subdivisions for aft peak, engine room, accommodation & fore peak. The superstructure will house the accommodation and bridge.

The vessel will have a conventional propeller, twin screw and twin rudder configuration. Two DG sets, each capable of taking normal cruising sea load will be provided.

Fuel tank(s) will be in the engine room. FW Tank storage will be in the accommodation area. Chain locker will be housed in/adjacent to the fore peak. Aft peak will house the steering gear.

This Tug will be deployed in the River Bramhaputra in the State of Assam generally and occasionally in River Hooghly in West Bengal, for safe pushing / towing 1 or 2 nos. 500 T deadweight Cargo barges (of sizes 65m long x 10 m wide x 2.8 m depth x 1.0 m draft) or similar vessels in a flotilla and also for firefighting operations in River / Bank when necessary.

It shall be understood that anything not mentioned in this specification but required by the rules – Class and Statutory, shall be supplied and installed by the Builder, subject to Contract provisions.

Details not mentioned but clearly required and intended to be included based on a common understanding of the specification, necessary for making the boat safe for intended operation, shall be delivered and fitted.

The vessel's plant, machinery, and equipment and related systems shall be suitable for service under the following conditions;

- Ambient air temperature 45°C
- Relative Humidity 90%
- Sea water temperature 32°C

1.1 PRINCIPAL PARTICULARS

Dimensions and Classification Notation:

Length, overall - 26.32 m

Beam Moulded - 6.75 m

Depth Moulded - 2.8 m

Draft Maximum Extreme - 1.0 m at 25 tonne Deadweight (DWT)

Free Running Speed - 9 knots in calm sea and clear weather

Bollard Pull - 7.5 Tonnes Static Ahead

1.2 CLASS NOTATION

The vessel with engines and equipment shall be built under the classification survey of, and in accordance with the applicable rules of the Classification Society – Indian Register of Shipping Classification Notation as follows:

⚡ SBL, “River Tug”, Zone-2” IWS (In Water Survey)

⚡ IY

1.3 REGISTRATION

DIWT, Assam.

1.4 CERTIFICATES

All necessary certificates, including classification reports shall be delivered with the Vessel, without any remarks.

All fees for approval of calculations, drawings and inspection both to Class and Authorities shall be included.

Certificates for the Vessel's hull, machinery and equipment shall be delivered with the Vessel in one (1) original hard copy, and one (1) electronic copy to the Buyer.

1.5 DRAWINGS, INSTRUCTION MANUALS

Classification drawings and calculations shall be delivered by the Builder. All drawings, descriptions, instruction material etc. shall be grouped and marked. Drawings and descriptions shall have English text.

1.5.1 DELIVERY OF DRAWINGS

At delivery of the vessel, "as built" drawings shall be delivered with the Vessel in one (1) original hard copy, and one (1) electronic copy to the Buyer.

Generally, drawings of all arrangements and systems, and also instruction books and drawings of all outfitting and outfitting details shall be delivered in English text.

The yard shall send a list of all drawings to the Owner for prior approval.

All documentation for the Vessel and its intended operation required by Authorities shall be delivered.

An indicative list of drawings will be as under:

A. General

I. General Arrangement

II. Lines Plan

III. Wheelhouse Arrangement

IV. Tank capacity plan

V. Docking plan

VI. Navigation Light Arrangement

VII. Fire and safety plan

VIII. Cathodic Protection Arrangement

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I. Shell expansion

II. Midship section

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IV. Construction Profiles and Decks

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C. Engineering

(i) Engine Room Machinery Arrangement

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III. Single Line Diagram of Electrical Main Power

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VII. Short-Circuit Calculations for MSB

E. Fit Out

I. Crew Accommodation Arrangement and Detail

II. Wheelhouse Arrangement and Detail

1.5.2 INSTRUCTION BOOKS & SPARE PARTS MANUALS

Three (3) sets of instruction books and Spare Parts Manuals in English for all equipment and systems onboard the Vessel shall be delivered to the Owner's inspector as early as possible during the construction period.

1.6 CAPACITIES

Fuel Oil - 22 tonnes (tankage to have 50t Capacity)

Fresh Water - 2 tonnes (tankage to have 12t capacity)

Cargo Deck Area ~ 50 sqm

Cargo Deck Strength - 2 Tons / sq. mtrs

Accommodation - 9 Crew +

1 x Double bed cabin For Owners.

1.7 MATERIALS

All materials, machinery, outfitting and equipment used in the construction of the Vessel shall be new and of new type or model, undamaged and of good marine quality for the intended purpose, suitable for intended operation.

Instruments, gauges and metering devices shall be ordered from suppliers with all components to read in metric or SI units.

Where reference is made within the specification to Builders standards, this shall be related to materials, outfit and equipment detailed in the relevant Standard Manuals, which the Builder shall make available to the Buyer.

Where a manufacturer is nominated with the reference "or equal", this shall be taken as of equal or better technical specification.

Steel plates, hull forgings and castings to Classification requirements shall have makers name and test marks clearly stamped thereon.

All non-steel items shall be of material which has been tested, approved and certificates supplied where applicable under rule.

Upon delivery, the Vessel shall be completed in all respects and in a riverworthy condition, as per contract, and fully in accordance with the specification. All the paint, greasing and cleaning work shall be completed to Buyer's satisfaction.

All tanks, cargo areas, bilge wells, engine room, accommodation, stores room and other areas shall be thoroughly cleaned before delivery.

All machinery shall function perfectly.

1.8 WORKMANSHIP

The workmanship throughout shall be good marine standards, and particular care shall be taken to ensure fair lines and smooth surfaces.

All workmanship shall be carried out according to approved drawings and good yard practice. Steel work shall be carried out with sound Shipyard Practice and should meet all requirements of the Classification Society.

1.8.1 QA/QC

To ensure that specified requirements are fulfilled, the work shall be governed by a contract-oriented Quality Assurance and Quality Control (QA& QC) Programme, which shall be established within the framework of the Builder's general Procedures and project-specific requirements.

The purpose of such a QA & QC Programme to establish quality requirements relevant to the contractual commitments in order to ensure that the work is planned and performed in a systematically and controlled manner and is documented to such an extent that sufficient objective evidence of quality achievement is generated.

QC shall be applied during design, procurement and construction including commissioning, and quality planning will be a key element common for the three phases.

The intention of this specification shall be guiding for the QA/QC activities.

1.9 GENERAL

The Builder shall deliver all equipment necessary to complete the Vessel, except

The expression "approved" refer to the Class, Authorities' and Buyer's approval if not otherwise specified.

1.9.1 MEASUREMENT UNITS

The metric system shall be used.

1.9.2 PURCHASE ROUTINES / APPROVAL

Technical specifications and drawings of all equipment shall be submitted to the Buyer or the Buyer's representative for approval of specified components. The Buyers' approval is to be accorded within five (20) working days.

2. SHIP GENERAL

2.1 TRIM AND STABILITY-

The boat shall fulfill all stability requirements specified by the Classification Society or relevant authorities for this type of boat. The boat's trim shall be optimized for minimum resistance.

2.1.2 TESTING OF WATER TIGHTNESS –

Hose testing of doors, hatches, other shell and deck opening will be done according to Classification Society requirements, for tanks, all watertight and oil tight transverse bulkheads and tank tops will be tested under a head of water as per Classification Society, or equivalent requirements. Bulkheads and other compartments, deck house, coamings, above main deck watertight doors, windows, portholes and water tight access hatch covers will be tested for water tightness, as per Classification requirements. In case of any permanent deformation of structural members during testing, then the testing shall be continued only after suitable stiffening has been added to the structure. Proper tightness shall be assured in case additional work has to be carried out on watertight and oil partitions after their testing. Re-testing of complete partitions will be carried out on completion of the job. For all time test will be carried out to a height of water not less than the air pipes, or as required by Classification Society, or equivalent. All tests will be carried out before fitting any floor covering and with pipes and fittings in position as far as practicable. All water and weather tightness to be proved upon vessel launch and substantial completion.

2.1.3 NDT

NDT – UT, RT, MPT, DP testing will be carried out as per Classification rule.

2.1.4 FUEL OIL, LUB. OIL AND HYDRAULIC OIL -

The Builder shall supply fuel oil, lube oil, hydraulic oil etc. for tests and trials. Type and quality of oil shall be decided by the Buyer from those recommended by the supplier of machinery. All consumption of oil concerning testing, flushing and trial trip, shall be covered by the Builder. Further, filling up all systems to

working level, for lub. oil and hydraulic oil at delivery shall be to Builder's account

2.1.5 TRIAL TRIP

Fuel oil consumption shall be recorded at all tests, where applicable.

A trial trip programme shall be prepared and approved by the Class, Buyer and Authority. Technical trial trips shall be performed, and the following tests shall be carried out and approved:

- Progressive speed test 80% and 100% output of the main engines.
- Endurance Test, as required by Class.
- Fuel consumption/speed, fuel consumption shall be measured by the main engine flowmeter.
- Emergency stop, as required by class.
- Anchor drop and lifting test.
- Steering test.
- Noise & Vibration measurements.
- Compass correction.
- Electronic equipment, incl. navigation and communication
- Electrical plant load test.
- Test of ventilation system
- Water tightness test, as required by Class.
- Bollard Pull Test
- Any other as required by Class and Flag.

After trial trip, a report shall be made on all tests carried out during the trial.

This report shall be handed over to the Buyer before delivery. Any faults found during the trial shall be corrected and if necessary, a new trial trip carried out before delivery of the Vessel.

2.1.6 VIBRATION AND NOISE

Special attention should be paid in the design and construction to limit the vibration and noise levels within the ship to ISO and relevant standards, and which will not give rise to discomfort or annoyance to the crew, not cause damage to the main propulsion system nor cause damage or malfunction of other shipboard machinery and equipment.

2.1.7 MAKER'S TEST CERTIFICATES-

A FAT schedule will be prepared by the shipyard and intimated in advance to the Owner. Readings will be taken on the work's standard instrument panels.

2.1.8 GUARANTEE

The Builder shall guarantee the Vessel for twelve (12) months after delivery of the Vessel, against workmanship and materials.

3. HULL

3.1 HULL GENERAL

The hull will be transversely stiffened. Subdivision bulkheads will be provided up to the main deck.

3.1.1 SLOTS, SCALLOPS AND HOLES

Slots and air holes and drain holes shall be provided where necessary and according to detail drawings, minimum radius 50 mm. or as required and by Class.

All openings / slots in upper part of tanks shall have area minimum the area of the vent pipe for the tank.

All openings / slots in the bottom of the tanks, longitudinal and transverse, shall have an area of min. 25 % above the dimension of the suction pipes, or as required by Class.

Generally, non-tight structural members shall be provided with adequate access/lighting holes provided such holes are necessary or practicable and not detrimental to the structural strength.

In all tanks, outside areas and other areas likely to corrode, all free edges, included those in notches, shall be ground to radius minimum R 2 mm, except behind insulated areas.

3.1.2 MANHOLES

Manholes with dimensions of at least 600 x 400 mm shall be arranged in all tanks.

3.1.3 WELDING GENERAL

Class Approved Welding schedule will be submitted to buyer.

3.2 HULL MATERIALS

The hull shall be built of Class certified steel. Material traceability to be recorded and provided to the Owner. Steel should be sourced from Essar / SAIL / Jindal. One piece of 4" X 4" steel plate cut off to be provided from each grade and thickness the plates used, prior use in construction.

All materials shall be delivered with certificates according to Class.

3.2.1 GRIT BLASTING/PRIMING

All steel materials shall be sand blasted to grade SA 2.5 and painted with approved primer. Shop primer shall be approved by the main paint supplier.

The type of primer and thickness shall be suitable for the successive coating.

All areas shall be carefully cleaned and approved by the Paint and Buyer's representative before starting any painting

3.3 ENGINE AREA

3.3.1 ENGINE AREA – GENERAL

Foundations for main engines shall be well integrated in the bottom structure.

Drawings of main engine and gear foundations shall be approved by the Classification Society.

3.4 SHELL PLATING

Shell plates shall be according to the Class.

Lifting eyes shall be welded onto shell for dismantling of propeller and rudder. Marks in plates from lugs etc. shall be welded and grounded.

3.4.1 DECK

Main deck shall be reinforced for a specific load of 2 tons/m

3.5 HULL OUTFITTING

3.5.1 ANCHORING & MOORING

Twin gypsy, twin warp electric windlass will be provided at forward deck, together with one port and one starboard anchor and required length of studlink chain. Class approved anchors will be used. Bollards, fairleads/guides, cleats etc. will be provided in forward and aft deck. A stern Anchor with rope and winch shall be provided if required by class. Loose mooring equipment to be in accordance with Mandatory class requirement only.

3.5.2 FENDERING

Heavy Duty Vertical Pushing Rubber Fender with strong steel support integrated with hull structure shall be provided at Bow. In addition heavy duty Rubber fender shall provided all round at hull at the main deck level. Used Truck tyre fenders shall be placed over the rubber fenders about 4 m apart on both sides and also at bow.

3.5.3 HULL MARKINGS

The location and marking of the marks shall be as follows,

Mark	Location	Marking
Vessel Name	Bow Shell – Port & Stbd Aft Shell	Steel plate & paint
Port of Registry	Aft Shell	Steel plate & paint
Tank Boundaries	Bottom & Side Shell As Required Port & Stbd	Bead welds & paint
Draft Marks	Side Shell – Aft and forward Port & Stbd	Steel plate & paint
Freeboard Marks	Side Shell Midships Port & Stbd	Steel plate & paint
Bulkhead Marks	Side Shell – Port & Stbd	Bead welds & paint
Bottom Plug	Bottom Shell – In Way of Plugs	Bead welds & paint

The other marks including any marks for underwater fittings, equipment or otherwise necessary to permit underwater inspections shall be designed. 3.5.4 BOTTOM PLUGS AND SEA INLETS Bottom plugs from all tanks in double bottom shall have signage, showing the tank numbers at each bottom plug. Sea chests shall be included as per design and intended purpose of vessel

3.5.4 BOTTOM PLUGS AND SEA INLETS

Bottom plugs from all tanks in double bottom shall have signage, showing the tank numbers at each bottom plug.

Sea chests shall be included as per design and intended purpose of vessel

3.5.5 BULWARK

Bulwark, shall be installed as per design approved by Class and Owners

3.6 PAINTING GENERAL

Painting

Painting scheme of anti-corrosive and finishing paint will be applied. Anticorrosive paint scheme will be applied in the bilge areas in engine room and elsewhere, where water may accumulate. Other areas will have protective painting scheme. Colour scheme will be finalised in consultation with owners. Weather deck will be painted with anti-corrosive paint and non-skid type finish paint. Deck fittings will be painted black.

All steel shall be sand blasted to grade SA 2.5 and primed with approved primer by painting manufacturer. All painting work shall be carried out with good workmanship and according to common good practice.

Painting and material protection shall be carried out with brushing, rolling or spraying according to the paint manufacturer's recommendation for the different types of paint and material protection.

All sharp edges in tanks and outside structure shall be grinded to Buyers and paint manufacturer's satisfaction, radius minimum 2mm.

All external welds and damaged primer shall be sand blasted to SA 2.5, and touched up with approved primer. Preferably all external welding shall be finalised prior to start-up of blasting.

All internal welds and damaged primer shall be steel brushed and touched up with approved primer.

All edges and welding seams shall be stripe coated before next coating.

All paint work shall be carried out according to the paint manufacturer's recommendations. The paint shall be applied as received from the manufacturer. Oils, thinner and other drying liquid shall not be added except when this is specified from the manufacturer. High pressure spraying is applied all over where it is practical.

All areas shall be touched up with a primer paint before top coat is applied. This also applies for the equipment delivered undercoated from the subcontractors.

Paint manufacturers of repute shall be used. Colors shall be decided by the Buyers, but the Builder shall assist by making a colour suggestion.

3.6.1 PAINTING SCHEME

According to Owner approved yard standard, and Paint supplier recommendation.

Paint shall be from Akzo Noibel / Jotun / Hempel / PPG-Sigma.

Note: Sharp edges shall be rounded or smoothed to min. radius = 2 mm

Paint scheme will be as per chosen maker, however for guidance it is as below:-

Underwater external hull – 1 primer coat + 2 anticorrosive coats.

Other external hull – 1 primer + 1 anticorrosive + finish coat

Exposed Deck – 1 primer + 1 anticorrosive + 1 finish non-skid quote.

Bilge area / chain locker - 1 primer coat + 2 anticorrosive coat

Inside deck / Bulkhead – 1 primer + 1 anticorrosive coat

Deckhouse external sides - 1 primer + 1 anticorrosive + finish coat

Behind paneling – 2 primer coats.

3.6.2 EXTERNAL CATHODIC PROTECTION

Zinc / Aluminium anodes shall be placed on hull, rudders, in the sea chests
Anodeplan shall be worked out by Builder and to be Owner approved.

The anodes shall be sized for a 5-year-life.

Anodes shall be bolted to the hull with welded studs and SS nuts on doublers.

3.6.3 INSULATION

Insulation shall not be painted where this might have influence on the insulating quality. This applies for acoustic, fire and thermal insulation.

3.7 CABLES

Cables shall not be painted, as painting and overspray will have influence on the insulating quality. Any paint and overspray shall be cleaned off all cabling to the recommendation of the paint manufacturer and to the satisfaction of both the Owner's surveyors and the cable manufacturers.

3.8 CONSOLES, FURNISHINGS AND OTHER SURFACE FINISHED EQUIPMENT

Bought in equipment with an approved surface finish shall not be painted.

Any paint and overspray shall be cleaned off the recommendations of the paint manufacturer and to the satisfaction of the Owner's surveyors.

3.9 PIPES & CHANNELS

To be treated as bulkheads and superstructure with coats as for surroundings.

3.10 SHIPS CLOCK –

One ship's clock shall be provided in Bridge.

4. SHIP EQUIPMENT

4.1 MANOEUVRING MACHINERY ANDEQUIPMENT

4.1.1 RUDDER

Rudder stock will be rolled or forged steel to Class approval.

4.1.2 STEERING GEAR

Electrohydraulic Steering Gear with Emergency wheel hydraulic pump shall be provided.

Steering panel shall be at bridge with all alarms. It will be operationally convenient.

4.1.3 LIFTING & TRANSPORT EQUIPMENT FOR MACHINERY COMPONENTS

Lifting Arrangement shall be installed for ease of maintenance and according to engine room arrangement, approved by Buyers

Sufficient lifting eyes shall be fitted above all heavy machinery and all equipment of more than 100 kg.

Adequate access spaces should be provided for removal of machinery from enclosed spaces.

All lifting arrangements shall be made in close co-operation with Buyer.

4.1.4 NAVIGATION & COMMUNICATION EQUIPMENT

General

The vessel shall be fitted out with navigation equipment with all necessary installation and systems for navigation and operation of this type of vessel, according to rules and regulations, as applicable.

All cables for navigation installation shall be of applicable Class & SOLAS approved types and shall be fixed according to applicable Class and Flag requirement.

The bridge arrangement and antenna arrangement shall be approved by Buyer, Class and Authority, as applicable.

All navigation equipment shall be of high standard and of a recognised brand. The navigation equipment shall have all interfaces necessary to fulfill the requirement stated in Class and SOLAS rules.

All navigation and communication equipment shall be as per Below List

Notwithstanding this list, any equipment required by Class or Flag for the intended purpose of vessel, shall be installed and commissioned. Wheel house equipment include :

- Echo Sounder
- Global Position System (GPS),
- AIScomplaint to Class A
- Doppler SONAR- Full compliance with IMO MSC.36(63), MSC.96(72), A.694(17) and A.824(19),
- VHF x 1
- Walkie Talkie with rechargeable battery– 3 sets.
- NAVTEX
- External Loud hailer
- INTERCOM from Bridge to Lounge, Engine room & Steering gear room.
- Fire Alarm Panel with smoke and heat detectors in Engine room and accommodation.
- Anemometer
- Inclinometer
- Two Widow wipers
- Electric / Air horn.
- Electric remote controlled Searchlight (for tilt and pan)
- Flood lights for Cargo and operation deck.
- Remote alarms for Engine and Steering.

4.1.5 NAMEPLATES ON MACHINERY, EQUIPMENT, PIPES ETC.

All valves, sounding pipes, covers, doors, starters, switchboard, maneuver desk etc. shall be marked with signs and have English text.

The pipelines shall be marked with international colour coding system. The

same colour coding system shall be used in the piping diagram of the bilge system and firefighting system.

All escape routes in accommodation and in machinery spaces (Emergency exits) shall be marked with illuminating signals at the floor level (Photo luminescent type material not requiring external power).

Valves, doors and all external marking shall be on brass plate, brass plate shall be fixed with screws. Accommodation internal doors marking shall be on plastic plates.

5. EQUIPMENT FOR CREW & PASSENGERS

5.1 LIFE SAVING APPLIANCES & FIRE FIGHTING APPLIANCES - PORTABLE

General-

All Life Saving appliances & Fire Fighting Appliances to be in accordance with Flag and SOLAS requirement, and clearly marked on Class and Flag approved Fire & Safety Plan.

5.2 INSULATION, PANELS, BULKHEADS, DOORS, AND WINDOWS IN ACCOMMODATION

General

The accommodation shall be arranged for the crew and the owners personnel, as detailed below.

- 1x2 bed cabin for Master & Chief Engineer
- 7 beds for crew– in two tier
- 1x Double Bedded cabin for Owners with attached Toilet.

Each person will have a separate bed and locker.

Galley to be modular. All enclosed drawers, spaces to be cockroach proof. Drawers to be on smooth rollers with locking arrangement in view of rolling/pitching of vessel.

Outfitting as follows:

- Electric Galley with 3 /4 burners
- Induction cooker single Zone
- Hot Plate - 2 (Two) Burner
- Fridge – 200 ltrs (1) + 2 x 60 Lts (1) for owners cabins.
- Deep freezer – 90 ltr.
- Microwave – 23 ltr.
- Drinking fountain

All Galley equipment and utensils to be provided by Builder.

Lounge-cum-mess will be located on the main deck. The toilet block with 2 showers, 2 WC & wash basins will be provided on the main deck enclosure. In addition, 1 Wash Basin at aft deck will be provided.

One Electric geyser capacity shall be installed for hot water lines in the two baths and also 1 geyser in the Owners attached toilet.

5.3.1 INSULATION, BULKHEADS AND PANELING

Insulation against ship side, outer walls and deck of fireproof mineral wool.

The insulation shall be calculated for an inside temperature of +22°C and an outside temperature of +45°C.

1st deck below accommodation shall be insulated and lined on the engine room / tank side.

Insulation and lining/paneling drawing shall be prior approved by Owners.

5.4 DOORS IN ACCOMMODATION

Vent louver will be provided in internal door lower part.

5.4.1 EXTERNAL DOORS

All Doors shall comply with Class and Flag requirement.

5.4.2 SIDE SCUTTLES AND WINDOWS

All living rooms shall have side scuttles or window (natural light).

5.5 SIDE SCUTTLES

Side scuttles, with blind covers for side scuttles to be installed

5.6 WHEEL HOUSE

Windows in wheel house all round. Blind covers according to the rules.

Bridge shall be designed to provide maximum panoramic vision with minimum of blind spots. All window frames in wheelhouse shall have glass fitted on external side of frame allowing glass to sit against frame providing additional protection from “green water” pushing glass through frames into wheelhouse.

Bridge windows shall be according to Class rules with toughened safety glass.

5.7 INTERNAL DECK COVERING, LADDERS, STEPS

5.7.1 DECK BASE COVERING, INTERNAL

Steel deck in accommodation shall be covered with resin mix underlay and PVC/PVA tiles in dry spaces, non-skid tiles/mosaic finish in wet places. Adequate skirting to be provided against walls.

In wheelhouse, vinyl sheet/non-skid mat on approved underlay shall be provided.

Thermal, Fire insulation as per approved drawings by Class and Owners. Underlay shall be of Resin Matrix. Flooring shall be PVA/PVC in dry compartments and Ceramic tiles/Resin mosaic in wet areas.

Paneling & Ceiling in Bridge & accommodation area, galley & toilets.

5.7.2 LADDERS, HANDRAILS

Ladders shall be of steel.

Handrails on one side in all passageways and stairs.

5.7.3 FLOOR PLATES IN ENGINE ROOM

Engine Room Flooring shall be galvanised steel chequered plate of 6 (six) mm thickness, including the height of protruded diamond.

5.7.4 HAND RAILS, RAILINGS AND RAIL GATES

Rails shall be provided on all decks where no bulwarks are provided.

Pipes and stanchions shall be galvanised prior to mounting in the Vessel. Damaged area shall be repaired rust-free and a shop primer similar to the one used for a blasting line shall be applied.

5.7.5 EXTERNAL LADDERS AND STEPS

The ladders with open treads shall have handrails on both sides of galvanised steel pipe. The ladders shall be bolted to clips welded to deck.

Ladders and steps shall be hot galvanized (galvanizing after manufacturing).

Suitable vertical galvanised steel ladders or vertical steps shall be provided for mast.

5.8 FURNITURE, INVENTORY

5.8.1 FURNITURE FOR CREW

The furniture shall have high standard. Furniture take off and layout to be prior approved by Owner

Bed Mattress for crew shall be 60 – 80 kgs/m³ density with 4 inch thk foam with cotton over case.

Beds shall have two (2) drawers beneath.

Free-standing furniture shall have means of securing.

Sofas, chair , beds for Charters to be of Latex,4-inch height with cotton over case shall be provided.

30 inches Smart LED TV to be provided in lounge & in Owners cabins with all related connections.

Laundry – 6 (six) kgs capacity Commercial Washing machine-cum-spin dryer shall be provided on board.

5.9 SPECIAL FURNITURE

5.9.1 WHEELHOUSE

Bridge arrangement and layout shall have a view to maximum visibility and efficiency.

The consoles in the wheelhouse shall be made in first class quality, with good finish.

The Buyer shall approve the arrangement drawings, which show all equipment in wheelhouse, before the equipment is fitted. Necessary bookshelves, lockers etc. shall be made according to Buyer's request.

5.9.2 CURTAINS

Curtains fitted for all windows, wheelhouse and sanitary rooms excluded. Bed curtains shall be provided in two-men cabins and in officers' cabins.

5.9.3 LOUNGE CUM MESS ROOM

The mess room shall be arranged for crew with dining table and chairs.

5.9.4 TOILETS & SHOWERS

The toilet blocks with showers, w/cs and wash basins will be provided, as per Owners approved plans.

5.9.5 VENTILATION & AIR-CONDITIONING

Two (2) Nos. ventilation fans, one reversible type will be provided for the engine room.

Galley and Toilets will be provided with exhaust fans. Accommodation Rooms, Mess & Bridge will be air-conditioned.

Air conditioning for Wheelhouse and accommodation areas to be as per approved design to achieve 22 degrees Celsius in max operating temperature and humidity.

- Ambient air temperature 45° C

- Relative Humidity 90%

- Sea water temperature 32°C

Further the capacity shall fulfil the requirements from the involved authorities.

The ventilation and air condition installations shall be in compliance with the relevant Rules.

Exhaust from offensive odour rooms, e.g. toilets shall be laid directly to the outside.

All ventilation openings shall have closing arrangement according to rules. Spaces not air conditioned or mechanically ventilated shall be naturally ventilated.

5.10 DECK MACHINERY

5.10.1 GENERAL

All mooring and anchoring equipment will be in accordance with class requirements

5.10.2 MOORING / ANCHORING EQUIPMENT

The following mooring / anchoring equipment will be supplied in accordance with Class requirements.

- (a) Anchor-as per class rules
- (b) Anchor chain: length & size of cable as per class rules
- (c) Electric Windlass Cum Winch at Bow
- (d) Towing winch at aft

5.10.3 BOLLARDS AND FAIRLEADS –

Bollards shall be welded on deck Bollards will be arranged for easy operation and will be able to absorb stretch loads in all directions (also vertical) without fairlead.

Fairleads or mooring eyes in Bulwark shall be fitted with closing bar welded on deck, one located near each bollard.

5.10.4 STAG HORNS & CLEATS

Stag horns/cleats shall be provided, adjacent to or on the bollards.

6. MACHINERY MAIN COMPONENTS

6.1 DIESEL ENGINES FOR PROPULSION

General

All machinery shall be of first-class marine type. Machinery and equipment shall be standardized to the extent possible in order to facilitate maintenance and reduce spare part inventory. The system and lay out shall be arranged for safe operation, easy access and minimum mechanical handling.

All components and systems shall be designed to operate under the environmental conditions and Class / Authority requirements as described in Group 0.

Each main engine set shall form an independent unit, including all the required accessories to make the engines and support systems complete and operational.

Machinery and equipment shall be installed on solid foundation to minimize the effect of vibration, deflection in the crankshafts and couplings and misalignment etc.

6.2 DIESEL ENGINES AND PROPULSION

Main Engines shall be on Class approved chocks/chockfast / Rotachock Mounts.

Wet exhaust for each engine, leading to Vessel stern shall be provided

ISO 2923 for Shipboard noise and ISO 20283 for Vibration to be complied with.

6.3 PROPELLER, TRANSMISSION

Propulsion – Twin Screw Conventional Fixed Pitch.

Special consideration shall be given to minimizing cavitation and maximizing efficiency at max. propeller speed. Class certified marine reduction gear shall be installed.

Shafting –Shafting will be force water cooled from engine cooling water.

The vessel will have two, stainless steel shaft with Stern tubes, Thordon or similar lined Bushes, coupled with two manganese bronze conventional fixed pitch propeller as approved by Class.

Alarms, annunciation and control will be provided in line with Makers and Class requirement. Gauges shall be of good quality. Engines and Gearboxes will be designed for remote control from Bridge.

6.3.1 FUEL / MAIN PROPULSION

Fuel Consumption meter for Main Engines shall be provided.

6.3.2 ELECTRICALS

2 Nos. 415 V, 3-phase, 50 Hz, A/c Diesel Generators, Each Generators will be take normal cruising load.

Wet exhaust for each engine, leading to Vessel stern to be provided

Electrical load calculations to be prior approved by Class and Owners to ensure required loads in all states are in line with all consumers.

Only one generator will be run at a time. Inverter shall be provided for emergency lighting during power failure. During power failure, steering will be by manual hydraulic system.

6.3.3 FOUNDATIONS –

The foundations construction will be subject to approval from the Classification Society, and in line with OEM recommendations.

The foundation for auxiliary engines, shaft bearings, compressors, etc. will be manufactured in accordance with good practice. In all foundation, well dimensioned drain holes will be made to ensure that no collection of water or oil will occur.

Foundations for pumps, separators and lube oil, coil coolers etc., where wastewater and oil occur will be equipped with waste tray.

7. SYSTEMS FOR MACHINERY COMPONENTS

7.1 GENERAL

All machinery systems and components shall be of first class marine type.

Piping system shall meet the requirements of the classification society unless higher requirements are explicitly stated in this specification. Generally, piping systems shall be designed for a flow velocity less than 2 m/sec. Piping shall be arranged according to sound marine engineering practice with the minimum practical number of bends of appropriate radius.

Piping carrying fluids shall not be arranged above switchboards. Expansion bends shall be fitted to preventing damage due to expansion of piping or movement of structure.

Domestic FW, SW, Drainage, etc. non class piping shall be of PVC/HDPE with steel integrated fittings.

Skin valves shall be all bronze or cast steel. Line valves shall be of CI casing and bronze internals, as per applicable class requirements.

Buyers representative shall make final inspection of piping after installation, before testing. Pipes shall be tested according to the Classification Society's rules.

In way of pumps, etc. the piping shall be arranged to permit overhauls of the unit with minimum dismantling of pipes.

Colour marking for various pipe systems according to ISO standard type system. Pipes shall be supported according to good practice in order to prevent damages from vibrations and other causes.

Piping will be arranged in a neat, orderly manner and it will be as short as is consistent with requirements for ease of maintenance, operational access and flexibility. Where practicable piping layouts will permit shop pre-fabrications.

Pipes containing gas/liquid or any combustible material should be placed away from the hot surface. All pipes will be tested to a pressure not less than 1.5 times the maximum working pressure or as required by class. Piping will be supported by pipe clamps or as necessary.

7.2 PUMPS

All pumps shall have mechanical seal type.

All pumps shall have casing of cast iron, impellers of bronze and shaft of Stainless steel.

Special consideration shall be taken to avoid cavitation in pumps and piping.

The sea water pumps shall be equipped with a strainer on the suction side, with pressure gauges and Cast Iron valves with bronze internals, at the discharge side and shall be arranged with flexible connections in between for Isolating.

All vent heads to be Class & Owner approved.

PVC / HDPE piping can be proposed by Builder for systems for domestic services and other services as permissible by Classification Society. Domestic service valves will be PVC lined steel valves or similar.

Sr	Pump	No.	Capacity (M ³ /hr.) at defined head
1	Bilge & Ballast	1	As per class req
2	Fire & General Service	1	As per statute
3	Fuel Oil transfer Pumps	1	5 cub mtrs / hr at 20 mWC
4	Fresh water Hydrophone pumps	2	1 cub. mtrs /hr. at 35 mWC (with 1 hydrophotre tank)
5	River water Hydrophone pumps	2	1 cub. mtrs /hr. at 35 mWC (with 1 hydrophotre tank)
6	Emergency Fire Pump	1	As per statute

7.3 AIR COMPRESSOR

Service Air compressor 7 kgs/sq.cm pressure and air bottle of 50 ltrs capacity to be installed, with reinforced hose of 30 mtrs.

7.4 External Fire fighting

External Fire fighting system shall be provided.

One external Firefighting pump of about 350 hp (commensurate to the FPTO of Stbd main engine) shall be connected to the FPT of the stbd main engine through remote operated clutch.

The Pump will feed 2 suitable manually operated monitors located at the when house top.

A water deluge system to protect the vessel superstructure and hull from heat during firefighting shall be provided. The water deluge system shall be fed from the external fifi pump.

A pair of Deck delivery heads shall be provided on both sides of main deck suitably.

7.5 AUTOMATION SYSTEMS FOR MACHINERY

General

Construction and operation

Instrumentation alarms and control equipment for safe operation of the main engines and all auxiliaries shall be arranged in accordance with supplier's instrumentation list and as per Class rules.

The arrangement of the instruments and alarms, including Bridge Consoles and layout shall be worked out in close co-operation with the Buyer and in principle in accordance with the specified list of content.

8. ELECTRICAL SYSTEM

8.1 CLASS, AUTHORITY, APPROVALS

All electrical installation, systems, equipment, switchgear etc. shall fully comply with Class and Authority rules, described in Main Group 0. The Class rules and requirements from Authority shall be strictly followed and the installation shall be of a high standard where no shortcuts shall be allowed.

8.2 ELECTRICAL DESIGN REQUIREMENTS AND STANDARDS

The electrical system, equipment, components and materials shall be designed, produced and installed in accordance with specification, proven marine practice, Class requirements, Authority requirements and furthermore with rules and regulations as stated in the general section.

Consideration shall be given in the design of all equipment to the environmental conditions of shipboard service, and proven marine components shall be employed.

All electrical equipment shall be designed and rated for a humid, salt laden atmosphere with vibration and acceleration suitable for marine environment and under continuous tropical condition. Particular emphasis shall be placed on corrosion, temperatures, vibrations, power supplies and electrical interference effects.

Consideration shall be given in the design and construction to reliability, safety, flexibility, redundancy, high quality and reduced maintenance and service.

Electrical installations shall be designed to ensure proper operations when the Vessel is inclined as specified by the Class Society and regulatory body requirements.

A complete load analysis shall be prepared and submitted by the Builder for the main and the ship's service plants for each of the Vessel's functional modes.

The accuracy of the load analysis shall be confirmed by observing and recording electrical loads maker at steady state conditions during sea trials.

8.3 ELECTRICAL INSTALLATION, GENERAL REQUIREMENTS

In general, all main electrical equipment shall be supplied through one (1) subcontractor, as far as practical, e.g. main switchboards, starter panels, etc. to ensure that the equipment is of the same approved type and make.

All electrical equipment shall be so located that, as far as practical, they are not exposed to risk of mechanical injury or damage from vibration, water, oil or excessive heat. Where unavoidable exposed to such risks, the equipment shall be suitable protected or enclosed.

All electrical equipment shall be protected from vibration and acceleration under normal operating services by mounting equipment with sufficient structure and hardware, sway bracing etc. All electrical equipment exposed to the weather shall be designed considering wind and salt-water spray. Aluminum alloy or GPR material shall not be used on any equipment on open decks, excluding battery boxes.

8.4 MARKING OF ELECTRICAL SYSTEM

All electrical equipment shall be clearly and durably labelled for easy identifying with necessary information.

All cables (in both ends), conductors and terminals also shall be clearly labeled for easy reference to drawings, etc. If both ends of the cable can be easily seen at the same time, only one(1) cable tag is required.

All switchboards, distribution panels, junction boxes, etc. shall be permanently marked at the outside using engraved durable labels (PVC or equal) fixed by screws in accordance with installation drawings and Builder's practice.

All circuits and outgoing feeders shall be properly and permanently marked using engraved durable labels. Inside switchboards and distribution panels the marking may be of a simpler type (not necessary with engraved PV Labels).

Electrical equipment and measuring instruments shall be scaled in metric units.

All instruction manuals, drawings, diagrams, name plates, etc. shall be written in English.

8.5 GENERAL SWITCHBOARD REQUIREMENTS

Main feeder from DG sets and shore supplies shall be protected by Moulded Case circuit breaker with both time-over current and instantaneous trip features. MCBs (Miniature circuit breakers) or motor circuits shall have a shunt trip coil or under-voltage trip coil for preferential trip or emergency stop, where required by the Class Society. Instruments, controls and equipment shall be permanently marked using engraved durable labels (PVC or equal) to show circuit or application. Cable tags shall be provided to show cable designators at each cable termination. If both ends of the cable can be easily seen at the same time, only one cable tag is required.

Oil resistant rubber mat, 10mm thick, 10.000V grade, shall be laid in engine Room in front of main switchboard. The rubber is for protection against personal injury due to touching live parts of the switchboards during maintenance.

8.6 SHORT CIRCUIT AND DEVICE EVALUATION STUDY

A short circuit study shall be performed to determine the maximum symmetrical and asymmetrical fault levels developed in the electrical AC system.

8.7 LIGHTING

Cool white LED lighting, with adequate IP shall be provided throughout the vessel.

8.8 ELECTRICAL CABLE AND INSTALLATION

The type of cables and installation inside switchboards, starters, panels, etc. shall be provided in compliance with the regulations of the Classification Society and the requirements of Section and its various subsections.

8.9 ELECTRICAL DISTRIBUTION SYSTEM

All electrical equipment shall fulfil the Class requirement regarding enclosure degree of protection in relation to location of equipment.

In addition to Class requirement, all weather deck control stations and instrumentation, and all socket outlets, enclosures, junction boxes, floodlights, fluorescent lights and other light fittings shall have IP 56 rated degree of protection.

Equipment in engine rooms shall have IP 44 rated degree of protection or better.

8.10 ELECTRICAL MOTORS

Electrical Motors shall be rated as per intended service. Motors shall be as per Class requirement where applicable

The enclosures of motors shall be cast iron unless inherent in equipment design. Electric Motor enclosures shall follow standard degree of protection i.e. IP56, IP44, IP23.

The power rating of the motors will conform to load requirements.

4. Drawings

These Bidding Documents includes no drawings.

The Bidder has to submit a conceptual drawing along with the Technical Proposal. All conceptual design work shall be based on review and study of (i) the characteristics of the river systems in Assam, (ii) Indian, State and Classification Society Rules and Regulations. The rules for Classification Society approval shall be those made by a Classification Society that is a member of the International Association of Classification Societies.

5. Inspections and Tests

1. INSPECTION

The Yard shall arrange for the Owner's inspection at the Yard and at all subcontractors/vendors when desired.

The Owner has the right to have representatives present at the Yard during the whole construction period.

Builder shall afford every facility for such inspection and provide suitable offices for the Buyer's Representatives.

1.1 APPOINTMENT OF BUYER'S REPRESENTATIVE

The Buyer will send to and maintain at the Builder's yard, at the Buyer's own cost and expense, one (1) representative, who shall be duly authorised in writing by the Buyer (herein called the "Representative") to act on behalf of the Buyer in attending the tests and inspections relating to the Vessel, its machinery, equipment and outfitting, and in any other matters for which he is specifically authorised by the Buyer.

Unless otherwise advised by the Buyer in writing, the Representative shall have no general authority to change the Contract or to approve plans and drawings referred to in the Specifications as being subject to the Buyer's approval.

The representative shall be given copy of all the latest revisions of drawings and copy of all stamped approved Class drawings.

2. INSPECTION BY REPRESENTATIVE

The inspection of the Vessel, its machinery, equipment and outfitting shall be carried out by the Classification Society and the Buyer's Representative and/or his assistants throughout the entire period of construction, in order to ensure that the Vessel is duly constructed in accordance with the Contract.

a. Whilst the Vessel is under construction and until delivery and acceptance and the discharge of any possessory lien pursuant, the Representative and his assistants shall during all working hours be given free access to the Vessel, its engines and accessories, and to any other place where work is being done, or materials are being processed or stored in connection with the construction of the Vessel, including the yards, workshops and offices of the Builder, and the premises of the Subcontractors of the Builder who are doing work or storing materials in connection with the Vessel's construction.

b. The Representative shall, during the construction of the Vessel, have the right to attend all tests, trials and inspections undertaken in respect of the Vessel, its machinery, equipment and outfitting in accordance with the "List of Acceptance Trials for

Machinery and Systems” developed by the Builder and agreed with the Representative and the Classification Society.

c. The Builder once ready shall give the Representative notice of any such tests and inspections with time indication, in order to enable them to attend. Failure of the Representative or his assistant(s) to be present at such tests and inspections after due notice to him as above provided shall be deemed to be a waiver of his right, in which case the Builder may conduct such tests and inspections, provided that the Classification Society shall then be in attendance in order to monitor such tests and inspections.

d. The Builder shall not retain the services of any Subcontractor, unless it shall first have procured that the Representative or his assistants shall have a similar right of inspection and supervision in respect of the work performed by the Subcontractors.

e. In the event that the Representative discovers any design, construction or material or workmanship which in his opinion does not conform to the requirements of the Contract, the Representative shall as soon as possible advise the Builder of such nonconformity.

Unless the Builder agrees to rectify the matter, a notice thereof (which may be included in minutes of meeting) shall be given to the Builder.

f. Should any discrepancies between the Representative and the Builder arise, the Representative of the Classification Society shall be involved, whose decision in scope of the matter of conflict shall be binding upon both parties. Inspection as described in this clause shall not constitute any change in the Builder’s obligation under the Contract.

2.1 CONSTRUCTION AND PERFORMANCE

According to agreement with sub-contractors the Builder shall see to that the Buyer's representative will have access to control work-performance and tests, incl. at sub- contractors at Buyer’s expense.

2.2 BUILDING MEETING

A building meeting between Buyer's representative and Builder's representative shall be arranged once a week. Progress, technical matters, states of variations orders shall be on the agenda for such meetings.

When one (1) of the parties require, sub-contractors or suppliers shall attend the meeting for technical discussion.

Such meeting shall also be arranged whenever called for by anyone of the parties.

2.3 GENERAL

The Builder shall deliver all equipment necessary to complete the Vessel, except Buyer's delivery.

Equipment or work mentioned more than once in the specification, but having the same purpose, shall be delivered or carried out only once.

The expression "approved" refer to the Class, Authorities' and Buyer's approval if not otherwise specified.

3. TRIALS AND TESTS

3.1 TRIALS GENERAL

All parts of the Vessel and all workmanship shall be inspected and tested.

The Buyer's representative shall be present at all tests and shall have the authority to accept or reject tests. All machinery shall be tested according to the accepted program of tests. All tests shall be accepted before the Vessel is handed over to the Buyer.

3.1.1 MACHINERY TESTING

Testing shall be carried out in line with Class requirement

3.1.2 INCLINING EXPERIMENT

Capacity plan of all tanks shall be prepared.

Preliminary stability calculations shall be prepared and submitted to the Buyer minimum three (3) months before delivery.

The Vessel's light ship weight and location of centre of gravity shall be determined by an inclining experiment.

A complete booklet showing capacities and centre of gravity of tanks shall be delivered together with the stability book.

The stability book with all conditions and capacities shall be delivered with the Vessel.

4. POST TRIAL INSPECTION

After the above River Trials, all filters shall be cleaned. If any defects become apparent during the sea trials, these machinery parts shall be opened up for inspection, these shall be properly corrected and re-tested to the Buyer's satisfaction. If, during the sea trials, there is found that any modification required to make the ship safe and seaworthy and

satisfactory meet to the intended service within the requirement of the specifications, the Builder, at his expense, shall carry out such work prior to delivery.

4.1.1 TESTING OF ELECTRIC PLANT –

The electrical plant will be tested in all parts with regards to functioning and insulation conditions before delivery.

Test to be carried out as follows:

(a) Generators

The generators and switchboard equipment shall be tested according to the Class requirement.

(b) Consumers in General

Equipment and components, including motors shall be tested under normal service conditions. Load current and temperatures shall be observed and recorded.

(c) Lighting Equipment

All switches shall be checked to prove that they are working as designed and that the light distribution is satisfactory. Checks shall be carried out to ensure that the plug sockets are working correctly.

(d) Alarm panel – by simulation for the sensors

All alarms and shut downs as relevant to be tested by simulation of the sensors and demonstrated.

4.1.2 TESTING OF TANKS, BULKHEADS ETC.

All tanks shall be pressure tested according to Class satisfaction.

No tank or compartment boundary connection shall be coated or painted until tightness testing has been completed and passed by Classification surveyor and Buyer's representative.

All decks, flats, shell, bulkheads, etc. shall be hose tested as required by Classification rules and Buyer's representative as well as in accordance with the normal practice of the Builder, when it is agreed with Class and Buyer's representative.

6.0 Proforma of Certificate for issue by the Purchaser after Successful Installation and Startup of the Supplied Goods

[This is to be attached for supply, erection, supervision of erection and startup contracts only]

No.

Date:

M/s.

Sub: Certificate of startup of the supplied Goods

1. This is to certify that the plant/s as detailed below has/have been received in good condition along with all the standard and special accessories (subject to remarks in Para No. 2) and a set of spares in accordance with the Contract/Specifications. The same has been installed and commissioned.

- (a) Contract No. _____ dated _____
- (b) Description of the plant _____
- (c) Plant Nos. _____
- (d) Quantity _____
- (e) Rail/Roadways Receipt No. _____ dated _____
- (f) Name of the consignee _____
- (g) Date of startup and proving test _____

2. Details of accessories/spares not yet supplied and recoveries to be made on that account.

<u>S. No.</u>	<u>Description</u>	<u>Amount to be</u>
<u>recovered</u>		

-
3. The proving test has been done to our entire satisfaction and operators have been trained to operate the plant.
 4. The supplier has fulfilled his contractual obligations satisfactorily. *

or

The supplier has failed to fulfill his contractual obligations with regard to the following:

- (a)
 - (b)
 - (c)
 - (d)
5. The amount of recovery on account of non-supply of accessories and spares is given under Para No. 2.
 6. The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated in endorsement of the letter.

Signature

Name

Designation with Stamp

* Explanatory notes for filling up the certificates:

- (a) He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to Technical Specifications.
- (b) He has supervised the startup of the plan in time i.e., within the period specified in the contract from the date of intimation by the Purchaser in respect of the installation of the plant.
- (c) Training of personnel has been done by the supplier as specified in the contract
- (d) In the event of documents/drawings having not been supplied or installation and startup of the plant have been delayed on account of the supplier, the extent of delay should always be mentioned.

PART 3 - Contract

Section VIII - General Conditions of Contract

- 1. Definitions**
- 1.1 The following words and expressions shall have the meanings hereby assigned to them:
- (a) “Bank” means the World Bank and refers to the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
 - (b) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
 - (c) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
 - (d) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
 - (e) “Day” means calendar day.
 - (f) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
 - (g) “GCC” means the General Conditions of Contract.
 - (h) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
 - (i) “Purchaser’s Country” is India.
 - (j) “Purchaser” means the entity purchasing the Goods and Related Services, as **specified in the SCC**.
 - (k) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, start-up, training and initial maintenance and other such obligations of the Supplier under the Contract.
 - (l) “SCC” means the Special Conditions of Contract.
 - (m) “Subcontractor” means any person, private or government entity, or a combination of the above, to

whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

- (n) “Supplier” means the person, private or government entity, or a combination of the above, whose Bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (o) “The Project Site,” where applicable, means the place named in the **SCC**.

2. **Contract Documents**

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. **Fraud and Corruption**

3.1 The Bank requires compliance with the Bank’s Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG’s Sanctions Framework, as set forth in Appendix to the GCC.

3.2 The Purchaser requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the Bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

4. **Interpretation**

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Incoterms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Incoterms **specified in the SCC**.

(b) The terms EXW and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the **SCC** and published by the International Chamber of Commerce in Paris, France.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Nonwaiver

- (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

- 5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be English. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.
- 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

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- 6. Joint Venture, Consortium or Association**
- 6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
- 7. Eligibility**
- 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 7.2 All Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
- 8. Notices**
- 8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the **SCC**. The term “in writing” means communicated in written form with proof of receipt.
- 8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
- 9. Governing Law**
- 9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Union of India.
- 9.2 Not used.
- 10. Settlement of Disputes**
- 10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after

delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the **SCC**.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Inspections and Audit by the Bank

11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors and sub-consultants to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.

11.2 Pursuant to paragraph 2.2 e. of Appendix to the General Conditions the Supplier shall permit and shall cause its subcontractors and sub-consultants to permit, the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors' and sub-consultants' attention is drawn to Sub-Clause 3.1 which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

12. Scope of Supply

12.1 The Goods and Related Services to be supplied shall be as specified in the Special Conditions of Contract.

13. Delivery and Documents

13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the **SCC**.

14. Supplier's Responsibilities

14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.

15. Contract Price

15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the

exception of any price adjustments authorized in the **SCC**.

16. Terms of Payment

16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the **SCC**.

16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.

16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

16.4 The payments shall be made in Indian Rupees to the Supplier under this Contract.

16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the **SCC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.

17. Taxes and Duties

17.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

18. Performance Security

18.1 If required as specified in the **SCC**, the Supplier shall, within twenty-one (21) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the **SCC**.

18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

18.3 As specified in the **SCC**, the Performance Security, if required, shall be denominated in the Indian Rupees, and shall be in the format stipulated by the Purchaser in the **SCC**.

18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the **SCC**.

19. Copyright

19.1 The copyright in all drawings, documents, and other materials

containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

20. Confidential Information

20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.

20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:

- (a) the Purchaser or Supplier need to share with the Bank or other institutions participating in the financing of the Contract;
- (b) now or hereafter enters the public domain through no fault of that party;
- (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
- (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Such notification, in the original Bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

22. Specifications and Standards

22.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VII, Schedule of Requirements.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

23. Packing and Documents

23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

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- 24. Insurance** 24.1 Unless otherwise specified in the **SCC**, the Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the **SCC**.
- 25. Transportation and Incidental Services** 25.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
- 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in Schedule of Requirements and **SCC**:
- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
 - (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
 - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
 - (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
 - (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- 25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services
- 26. Inspections and Tests** 26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.
- 26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the **SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be

furnished to the inspectors at no charge to the Purchaser.

26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.

26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other

remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the **SCC** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those **SCC**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

28.3 Unless otherwise specified in the **SCC**, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the **SCC**, or for eighteen (18) months after the date of shipment, whichever period concludes earlier.

28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

29. Patent Indemnity

29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser

may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

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- 30. Limitation of Liability**
- 30.1 Except in cases of criminal negligence or willful misconduct,
- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
 - (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the Purchaser with respect to patent infringement
- 31. Change in Laws and Regulations**
- 31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in India where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.
- 32. Force Majeure**
- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing,

the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

33. Change Orders and Contract Amendments

33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
- (b) the method of shipment or packing;
- (c) the place of delivery; and
- (d) the Related Services to be provided by the Supplier.

33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

33.4 **Value Engineering:** Unless otherwise specified in the SCC the Supplier may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;

- (a) the proposed change(s), and a description of the difference to the existing contract requirements;
- (b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Purchaser may incur in implementing the value engineering proposal; and
- (c) a description of any effect(s) of the change on performance/functionality.

The Purchaser may accept the value engineering proposal if the

proposal demonstrates benefits that:

- (a) accelerates the delivery period; or
- (b) reduces the Contract Price or the life cycle costs to the Purchaser; or
- (c) improves the quality, efficiency or sustainability of the Goods; or
- (d) yields any other benefits to the Purchaser,

without compromising the necessary functions of the Facilities.

If the value engineering proposal is approved by the Purchaser and results in:

- (a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified **in the PCC** of the reduction in the Contract Price; or
- (b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price.

33.5 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

34. Extensions of Time

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

35. Termination

35.1 Termination for Default

- (a) The Purchaser, without prejudice to any other remedy for

breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

- (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;
 - (ii) if the Supplier fails to perform any other obligation under the Contract; or
 - (iii) if the Supplier, in the judgment of the Purchaser has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix to the GCC, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

35.2 Termination for Insolvency.

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

35.3 Termination for Convenience.

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the

remaining Goods, the Purchaser may elect:

- (i) to have any portion completed and delivered at the Contract terms and prices; and/or
- (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

36. Assignment

36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

**37. Export
Restriction**

37.1 Not applicable.

APPENDIX TO GENERAL CONDITIONS

Fraud and Corruption

(Text in this Appendix shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders, consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
 - i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v. "obstructive practice" is:
 - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
 - c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
 - d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;⁸ (ii) to be a nominated⁹ sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
 - e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders, consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect¹⁰ all accounts, records and other documents relating to the

⁸ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

⁹ A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

¹⁰ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through

submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.

the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

Section IX - Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

[The Purchaser shall select insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics]

GCC 1.1(j)	The Purchaser is: Assam Inland Water Transport Development Society, Street Address: Directorate of Inland Water Transport, Assam Ulubari Floor/ Room number: 3 rd Floor City: Guwahati, Assam ZIP Code: 7810 017 Country: India Telephone: +91 361 2462677
GCC 1.1 (o)	The Project Site(s)/Final Destination(s) are: Guwahati, Neamati and Dhubri ferry service
GCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Incoterms.
GCC 4.2 (b)	The version edition of Incoterms shall be 2010 or latest
GCC 8.1	For notices , the Purchaser's address shall be: Attention: Additional State Project Director, Assam Inland Water Transport Development Society, Street Address: Directorate of Inland Water Transport, Assam Ulubari Floor/ Room number: 3 rd Floor City: Guwahati, Assam ZIP Code: 7810 017 Country: India Telephone: +91 361 2462677 Facsimile number: NA Electronic mail address: dir.iwtds-as@gov.in
GCC 10.2	The rules of procedure for adhoc arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows: (a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The arbitral tribunal shall consist of 3 arbitrators one each to be appointed by the Purchaser and the Supplier. The third Arbitrator shall be chosen by the two Arbitrators so appointed by the Parties and shall

act as Presiding arbitrator. In case of failure of the two arbitrators appointed by the parties to reach upon a consensus within a period of 30 days from the appointment of the arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the Indian Council of Arbitration for Alternative Dispute Resolution (India).

- (b) If one of the parties fails to appoint its arbitrator in pursuance of sub-clause (a) above, within 30 days after receipt of the notice of the appointment of its arbitrator by the other party, then the Indian Council of Arbitration for Alternative Dispute Resolution (India), shall appoint the arbitrator. A certified copy of the order of the Indian Council of Arbitration, making such an appointment shall be furnished to each of the parties.
- (c) Arbitration proceedings shall be held at **Guwahati, Assam India**, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.
- (d) The decision of the majority of arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the arbitral tribunal. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its proceedings as also the fees and expenses paid to the arbitrator appointed by such party or on its behalf shall be borne by each party itself.
- (e) Where the value of the contract is Rs. 10 million and below, the disputes or differences arising shall be referred to the Sole Arbitrator. The Sole Arbitrator should be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the Indian Council of Arbitration.
- (f) Except as otherwise agreed to by the Parties, Arbitrators should give a decision in writing within 120 days of receipt of notification of dispute

Any dispute or difference whatsoever arising between the parties out of or relating to the supply, erection, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the Rules of Domestic Commercial Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties.

The arbitral tribunal shall consist of 3 Arbitrators, arbitration proceedings shall be held at Guwahati, Assam, India and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English. *[ICA rules provide for arbitration*

	<p><i>tribunal of 3 arbitrators if the value of claim is over Rs 1 crore unless the parties have agreed otherwise for a sole arbitrator].</i></p> <p>Except as otherwise agreed to by the Parties, Arbitrators should give a decision in writing within 120 days of receipt of notification of dispute.</p>
GCC 12.1	<p>The scope of supply for the Goods and Related Services to be supplied shall be as specified below: Supply, Installation and Commissioning of 7.5 Tonnes Static Ahead Bollard pull Tug boat</p>
GCC 13.1	<p>Details of Shipping and other Documents to be furnished by the Supplier are given below:</p> <p>Upon delivery of the goods to the transporter/consignee, the supplier shall notify the purchaser and mail the following documents to the Purchaser:</p> <ul style="list-style-type: none"> (i) One original and four Copies of the Supplier invoice showing contract number, goods description, quantity, unit price, total amount; (ii) Delivery note, Railway receipt, or Road consignment note or equivalent transport document or acknowledgement of receipt of goods from the Consignee; (iii) Four Copies of packing list identifying contents of each package; (iv) Insurance certificate; (v) Manufacturer's/Supplier's warranty certificate; and (vi) Inspection certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; <p>The above documents shall be received by the Purchaser before arrival of the Goods (except where it is handed over to the Consignee with all documents)and, if not received, the Supplier will be responsible for any consequent expenses.</p> <p><u>Additional Documents :</u></p> <p>1. All the drawings approved by classification society, and in addition, supply following instruction and maintenance manuals of all fitted equipments to Purchaser/Inspecting agency/Consignee.</p>

	<p>2. Specifications, catalogues, brochures, leaflets and other similar documents for all essential machinery, equipment and outfit items</p> <p>3. One set of technical documents of main Engine, Gear Box, Genset, its associated accessories and pumps be forwarded to Purchaser prior to the PDI. The technical documents/manuals should include the following:-</p> <ol style="list-style-type: none"> a. Technical description. b. System Drawings. c. Operation Manual. d. Maintenance and Workshop Manuals. <p>Parts Catalogue. Both hard and soft copy of parts catalogue be provided.</p> <p>4. Boat hand book</p> <p>Containing brief description of all features of the boat and its photographs from various angles. This should cover following in brief :-</p> <ol style="list-style-type: none"> a. Functions b. Identity c. Speed d. Endurance e. Displacement f. Draught corresponding to displacements g. Principal Dimension h. Environmental limitation i. Manning requirement j. Carrying capacity k. Brief description of lifting arrangement and precautions to be observed by the user. l. Safety equipment provided m. Fuel and coolants to be used as recommended by OEMs n. List of principle drawings and documents o. Parameters of stability <p>5. Operation manuals of Main Engine, Genset, Gearbox and other main equipments</p> <p>The operation manuals shall consist of the following :-</p> <ol style="list-style-type: none"> a. Introduction
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	<ul style="list-style-type: none"> b Operating information <ul style="list-style-type: none"> i. Normal operation and limiting values ii. Operation under special conditions iii. Break down and emergency repairs iv. Fault finding v. Performance & test data c Technical Description <ul style="list-style-type: none"> i. Construction detail ii. Setting to work iii. List of non-repairable items <p>6. Maintenance and Workshop manuals of Main Engine, Genset, Gearbox and other main equipments</p> <p>This must include following :-</p> <ul style="list-style-type: none"> i. Preventive and corrective maintenance ii. Procedure/Guidelines to carry out maintenance which is to include Top Overhaul/ Major Overhaul iii. Performance and other fault location iv. Weight and dimension for lifting purpose v. Maintenance tree vi. Special tools vii. Reclamation procedure for worn-out or damaged parts <ul style="list-style-type: none"> a) Alignment procedure b) Any special instruction <p>7. Parts catalogue for Main Engine, Genset, Gearbox and other main equipments</p>
GCC 15.1	<p>The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.</p> <p>If prices are adjustable, the method used to calculate the price adjustment is given in the attachment.</p>
GCC 16.1	GCC 16.1—The method and conditions of payment to be made to

	<p>the Supplier under this Contract shall be as follows:</p> <ul style="list-style-type: none"> (i) Stage I: Five (5) percent of the Contract Price (on prorate basis depending on the number of vessels being manufactured) on keel laying duly certified by the classification society and submission of classification approved midship section plan, structural profile deck and bottom plan and purchasers approved construction plan. (ii) Stage II: Twenty (20) percent of the Contract Price (on prorate basis depending on the number of vessels being manufactured) upon 50% fabrication of hull by weight, duly certified by class. (iii) Stage III: Thirty Five (35) percent of the Contract Price (on prorate basis depending on the number of vessels being manufactured) upon 100% completion of hull including welding and dry and wet survey, duly certified by class and submission of documentary evidence of placement of order for main engines, gear boxes duly accepted by the respective equipment manufacturer. (iv) Stage IV: Twenty (20) percent of the Contract Price (on prorate basis depending on the number of vessels being manufactured) upon launching of the vessel, duly completing installation of main engines, gear boxes, all underwater fittings and completion of underwater painting duly certified by classification society. (v) Stage V: Ten (10) percent of the contract price (on prorate basis depending on the number of vessels being manufactured) upon satisfactory completion of all trials and inspections etc. at shipyards premises including inclining experiments duly certified by classification society (vi) Stage VI: Remaining part of the Contract Price and taxes and duties on the completed vessels (on prorate basis depending on the number of vessels successfully delivered) upon delivery and acceptance of the vessel along with all accessories, spares, documentation etc. at Purchasers specified premises and submission of all required classification and statutory certificates. <p style="text-align: right;">Provisions of Reserve Bank of India rules for making foreign</p>
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	<p>payments for import of goods will apply.</p> <p>(b) Deleted</p> <p>(c) Payment of Local indirect Taxes such as goods and service tax etc. will be paid upon rising of Tax Invoices. The bidder shall submit GSTR-I in support of GST compliance as and when required by the Purchaser</p> <p>(d) (i) Where payments are to be effected through Letter of Credit (LC), the same shall be subject to the latest Uniform Customs and Practice for Documentary Credit, of the International Chamber of Commerce;</p> <p>(ii) The LC will be irrevocable and will be confirmed at Supplier's cost if requested specifically by the Supplier;</p> <p>(iii) If LC is required to be extended/ reinstated for reasons not attributable to the Purchaser, the charges thereof shall be to the Supplier's account.</p> <p>(e) (i) For all the payments to be made, against Bank guarantees, the bank guarantee shall be issued by a Scheduled Indian Bank or a foreign bank located in India in the format enclosed at Section X. The guarantees issued by other banks should be confirmed by a Scheduled Indian Bank or a foreign bank operating in India.</p> <p>(ii) Bank guarantees for advance payment shall be released not later than 30 days after the date of completion of supply of the goods at their final destination.</p>
GCC 16.5	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 30 days.</p> <p>In case of payments in Indian Rupees, the interest rate that shall be applied is <i>based on Prime Bank lending rate of State Bank of India applicable from the date of delay</i></p>
GCC 17	<p>In the case of Excise duty waiver, the purchaser will issue only the certificates in terms of the Central Excise notification as per information given by supplier in form at serial no.7 of Section IV. Supplier is solely responsible for obtaining such benefits and in case of failure to receive such benefits, the purchaser will not compensate the supplier separately.</p>
GCC 18.1	<p>A Performance Security <i>shall be required.</i></p> <p>Performance Security shall be for an amount of 10% of the contract value, valid up to 45 days after the date of completion of performance obligations including warranty obligations.</p>

	In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/ replaced material shall be extended to a further period of 12 months and the Performance Bank guarantee for proportionate value shall be extended 45 days over and above the extended warranty period.
GCC 18.3	If required, the Performance security shall be in the form of a “Bank Guarantee” or “a cashier’s cheque or banker’s certified cheque or crossed demand draft or pay order” drawn in favour of the Purchaser.
GCC 18.4	Discharge of the Performance Security shall take place not later than 45 days following the date of completion of the Supplier’s performance obligations, including the warranty obligation, under the contract.
GCC 18.5	Add as Clause 18.5 to the GCC the following: In the event of any contractual amendment, the Supplier shall, within 28 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract, as amended for 45 days after the completion of performance obligations including warranty obligations.
GCC 23.2	<u>Packing Instructions:</u> The Supplier will be required to make separate packages for each Consignee. Each package will be marked on three sides with proper paint/indelible ink with the following: (i) Project; (ii) Contract No.; (iii) Supplier’s Name; (iv) Packing List Reference Number.
GCC 24.1	The insurance shall be paid in an amount equal to 110 percent of the EXW value of the Goods from “Warehouse to warehouse (final destination)” on “All Risks” basis including War Risks and Strikes.
GCC 25.1	The Supplier is required under the Contract to transport the Goods duly insured to the specified final destination, and all related costs shall be included in the Contract Price.
GCC 25.2	Incidental services to be provided are: None
GCC 26.1	The inspections and tests shall be: As specified in the Technical Specification and Test & Trial section . The Supplier shall conduct tests to confirm that the goods supplied are as per specification and enclose the test and inspection certificate along with supply

GCC 26.2	<p>The Inspections and tests shall be conducted at: The pre dispatch inspection shall be carried out by Purchaser's nominated inspection agency (purchaser's representative /third party) at supplier's premises within a period of 1 weeks from the date of receipt of inspection call. Alternatively the Purchaser may decide to waive the pre dispatch inspection and agree to accept manufacturer's test certificate.</p> <p>In addition to the provisions of GCC 26, the consignee shall inspect the goods on arrival and verify the documents. In case of any discrepancy, the consignee shall arrange for a joint inspection at consignee's premises, which will be attended by the representatives of the consignee, purchaser, inspection agency and the supplier. The results of the joint inspection shall be recorded and signed by the representatives for further necessary action.</p> <p>Unless the full quantity of Goods supplied according to the Schedule of Requirements/each shipment is received in good condition and satisfactorily installed, the Consignee will not accept the Goods and will not issue the Final Acceptance Certificate</p>
GCC 27.1	<p>The liquidated damage shall be: 0.5% of contract price per week or part thereof.</p>
GCC 27.1	<p>The maximum amount of liquidated damages shall be: 10% of the contract price.</p>
GCC 28.3	<p>The period of validity of the Warranty shall be: Same as given in GCC 28.3. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:</p> <p>(a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with GCC 26.7,</p> <p>or</p> <p>(b) pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be (0.5% Per Week subject to maximum of 10%).</p> <p>For purposes of the Warranty, the place(s) of final destination(s)</p>

	shall be: Guwahati, Neamati and Dhubri ferry service
GCC 28.5	The period for repair or replacement shall be: 21 days .
GCC 31.1	This clause will apply only to variations in GST payable in India on the final product which is being supplied and not for variations in tax on the individual components/ raw materials which go into the product.
GCC 33.4	Provisions related to Value Engineering do not apply.

Section X - Contract Forms

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful Bidder after contract award.

Notification of Award - Letter of Acceptance

[use letterhead paper of the Purchaser]

[date]

To:*[name and address of the Supplier]*

Subject: **Notification of Award Contract No.**.....

This is to notify you that your Bid dated *[insert date]* for execution of the *[insert name of the contract and identification number, as given in the SCC]*for the Accepted Contract Amount of *[insert amount in numbers and words in Rupees]*, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish the Performance Security within 21 days in accordance with the Conditions of Contract, using for that purpose the Performance Security Form included in Section X, Contract Forms, of the bidding document.

Authorized Signature: _____
Name and Title of Signatory: _____
Name of Agency: _____

Attachment:Contract Agreement

Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS AGREEMENT made

the *[insert:number]* day of *[insert:month]*, *[insert:year]*.

BETWEEN

- (1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of of the Government of {insert name of Country of Purchaser}, or corporation incorporated under the laws of {insert name of Country of Purchaser}]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “the Purchaser”), of the one part, and
- (2) *[insert name of Supplier]*, a corporation incorporated under the laws of *[insert:country of Supplier]* and having its principal place of business at *[insert:address of Supplier]* (hereinafter called “the Supplier”), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services

The Purchaser and the Supplier agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
 - (a) this Agreement
 - (b) the Letter of Acceptance
 - (c) the Letter of Bid and original completed Schedules including Price Schedules
 - (d) the Addenda Nos. _____ (if any)
 - (e) Special Conditions of Contract
 - (f) General Conditions of Contract

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- (g) the Specification (including Schedule of Requirements and Technical Specifications)
 - (h) Joint Venture Agreement [for JVs if permitted]
 - (i) any other document listed in GCC as forming part of the Contract
3. In consideration of the payments to be made by the Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum 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 in accordance with the laws of India on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*

in the capacity of *[insert title or other appropriate designation]*

In the presence of *[insert identification of official witness—name, signature, address, date]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness - name, signature, address, date]*

Performance Security - Bank Guarantee
[Guarantor letterhead or SWIFT identifier code]

Performance Guarantee No.....*[insert guarantee reference number]*

Date.....*[insert date of issue of the guarantee]*

To: _____ *[name of Purchaser]*

_____ *[address of Purchaser]*

WHEREAS _____ *[name and address of Supplier¹¹]*
 (hereinafter called "the Applicant") has undertaken, in pursuance of Contract No. _____ dated
 _____ to execute _____ *[name of Contract and brief
 description of Goods and related Services]* (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Applicant shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Applicant such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Applicant, up to a total of _____ *[amount of guarantee¹²]*
 _____ *[in words]*, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ *[amount of guarantee]* as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Applicant before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Goods and related Services to be supplied thereunder or of any of the Contract

¹¹*In the case of a JV, insert the name of the Joint Venture*

¹²*An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract and denominated in Indian Rupees.*

documents which may be made between you and the Applicant shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until (i.e.) 45 days following the Completion date of the Contract including any warranty obligations¹³, and any demand for payment under it must be received by us at this office on or before that date.

Signature and seal of the guarantor _____

Name of Bank _____

Address _____

Date _____

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

¹³ Completion date as described in GC Clause 18.4

Advance Payment Security – NOT APPLICABLE
Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

Advance Payment Guarantee No.....*[insert guarantee reference number]*

Date.....*[insert date of issue of the guarantee]*

To: _____ *[name of Purchaser]*
 _____ *[address of Purchaser]*
 _____ *[name of Contract]*

Gentlemen:

In accordance with the provisions of the Conditions of Contract, Clause 16 ("Terms of Payment") of the above-mentioned Contract, _____ *[name and address of Supplier¹⁴]* (hereinafter called "the Applicant") shall deposit with _____ *[name of Purchaser]* a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of _____ *[amount of guarantee¹⁵]* _____ *[in words]*.

We, the _____ *[bank or financial institution]*, as instructed by the Applicant, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to _____ *[name of Purchaser]* on his first demand without whatsoever right of objection on our part and without his first claim to the Applicant, in the amount not exceeding _____ *[amount of guarantee]* _____ *[in words]*.

We further agree that no change or addition to or other modification of the terms of the Contract or of Goods and related Services to be supplied there under or of any of the Contract documents which may be made between _____ *[name of Purchaser]* and the Applicant, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

¹⁴In the case of a JV, insert the name of the Joint Venture

¹⁵An amount shall be inserted by the bank representing the amount of the Advance Payment, and denominated in Indian Rupees.

(This Check List duly tick marked shall be submitted online)

Sl. No.	Document Required	Action required	Submitted Please tick (v)
1	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: Power of Attorney in Non-Judicial Stamp Paper as per clause no.ITB 20.3 of BDS.	To be submitted along with the bid and also the original copy must reach the office of AIWTDS before the opening of Bid.	
2	Bid Security amounting Rs 20,000,00.00 in approved form as per clause no. ITB 19.1 of BDS	To be submitted along with the bid and also the original copy must reach the office of AIWTDS before the opening of Bid.	
3	a) Model test reports/ Evaluation trials by Classification Society to which boat with same hull form has been supplied in the past. Details of proven design of the similar type of boat previously built. In the case that proven design(s) are unavailable, the supplier shall provide an undertaking to conduct model testing before the commencement of production as per clause no.ITB 11.1 (k) (a)	To be submitted along with the bid	
4	b) General Arrangement plans showing the proposed layout of the vessel(s) below decks, on the main, and other decks as per clause no.ITB 11.1 (k) (b)	To be submitted along with the bid	
5	c) Specifications, catalogues, brochures, leaflets and other similar documents for all essential machinery, equipment and outfit items as per clause no.ITB 11.1 (k) (c)	To be submitted along with the bid	
6	d) Details of estimated tonnages, including lightweight, deadweight &	To be submitted along with	

	gross tonnage as per clause no.ITB 11.1 (k) (d)	the bid	
7	e) Powering calculation for free running ahead speed and static ahead Bollard Pull. as per clause no.ITB 11.1 (k) (e)	To be submitted along with the bid	
8	f) Detail of the shipyard or place where the vessels shall be constructed along with the facilities and equipment therein as per clause no.ITB 11.1 (k) (f)	To be submitted along with the bid	
9	g) Activity wise Construction Plan Bar Chart as per clause no.ITB 11.1 (k) (g)	To be submitted along with the bid	
10	h) Electrical load chart for different operational modes is to be submitted in justification of DG Set offered as per clause no.ITB 11.1 (k) (h)	To be submitted along with the bid	
11	Documentary evidence with respect to clause no. TECHNICAL PART 1. Qualification (ITB 37) 1.1 Qualification Criteria (ITB 37.1)	To be submitted along with the bid	
12	1. Letter of Bid as per Section IV - Bidding Forms	To be submitted along with the bid	
13	2. Bidder Information Form as per Section IV -Bidding Forms	To be submitted along with the bid	
14	6. Manufacturer's Authorization as per Section IV -Bidding Forms	To be submitted along with the bid, if applicable	
15	7. Declaration for Claiming Excise Duty Exemption as per Section IV - Bidding Forms	To be submitted along with the bid, if applicabpe	
16	8. Performa for Performance Statement as per Section IV -Bidding Forms	To be submitted along with the bid	

17	1. List of Goods and Delivery Schedule as per Section VII- Schedule of Requirement	To be submitted along with the bid	
18	Drawings as per Section VII- Schedule of Requirement	To be submitted along with the bid	