

GOVERNMENT OF ASSAM.

ASSAM INTEGRATED RIVER BASIN MANAGEMENT PROJECT (AIRBMP)
(Address)

NATIONAL OPEN COMPETITIVE PROCUREMENT
(One-Envelope Bidding Process with e-Procurement)
FOR PROCUREMENT OF GOODS/EQUIPMENT

RFB No. : CE/CC/WR/NIT/2019-20/1003/140
Dated Guwahati the 12/05/2022

PERIOD OF AVAILABILITY OF BIDDING DOCUMENT : FROM 14-05-2022 to 06-06-2022

LAST DATE AND TIME FOR SUBMISSION OF BIDS : DATE 06-06-2022 TIME 15.00 HOURS

* TIME AND DATE OF OPENING HOURS OF BIDS : DATE 06-06-2022 TIME 15.30

PLACE OF OPENING OF BIDS : Office of the Chief Engineer,
Water Resources Department,
5th Floor, Assam Water Centre
Street Address: Kundil Nagar, Basistha
City: Guwahati
PIN/Postal Code: 781029
Country: INDIA

OFFICER INVITING BIDS : Chief Engineer, Water Resources Department

REQUEST FOR BIDS

(RFB)

**NATIONAL OPEN COMPETITIVE PROCUREMENT
FOR THE SUPPLY OF PRE-STRESSED CONCRETE (PSC)
PORCUPINE MEMBERS GOODS/EQUIPMENT
(One-Envelope Bidding Process with e-Procurement)**

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

RFB Reference No.: CE/CC/WR/NIT/2019-20/1003/140 **Dated** Guwahati the 12/05/2022

1. The Government of India has applied for financing from the World Bank toward the cost of the Assam Integrated River Basin Management Project (AIRBMP), and intends to apply part of the proceeds toward payments under the contractⁱ for Procurement of Pre-Stressed Concrete (PSC) porcupine members for reserved stocks for utilization during flood and erosion exigency worksⁱⁱ.
2. The WATER RESOURCES DEPARTMENT (WRD), ASSAM now invites online Bids from eligible Bidders for supply of Pre-Stressed Concrete (PSC) Porcupine members for reserved stock for utilization during flood and erosion exigencies as detailed below
3. Bidders may Bid for one or more lots/contracts, as further defined in the request for bids document. If a Bidder chooses to quote for more than one lot/contract, it should submit separate Bid (complete with all documents including Bid Security) for each lot/contract. Bidders wishing to offer discounts in case they are awarded more than one lot/contract will be allowed to do so, provided those discounts are included in the Letter of Bid.
4. 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 Revised August 2018" ("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.
5. The bidding document is available online on www.assamtenders.gov.in and also on the Project websites of FREMAA, Assam i.e., <http://fremaa.assam.gov.in> and website of WRD, Assam i.e., <http://waterresources.assam.gov.in> from 14-05-2022 to 06-06-2022

which can be downloaded free of cost. However, bidders will be required to register themselves in the Assam tender portal before downloading the bidding document and the registration is free. The bidders would be responsible for ensuring that any addenda available on the e tender portal is also downloaded and incorporated. No print media publication would be given for any addendum/corrigendum.

Bidders will be required to register on the website, which is free of cost. The bidders would be responsible for ensuring that any addenda available on the website is also downloaded and incorporated.

- | | | |
|-----|--|---|
| (a) | Period of availability of bidding document | : FROM 14-05-2022 to 06-06-2022 |
| (b) | Seek clarification Start date | : DATE 14-05-2022 TIME 15.00 HOURS |
| (c) | Seek clarification End date | : DATE 24-05-2022 TIME 15.00 HOURS |
| (d) | Last date and time for Submission of bids | : DATE 06-06-2022 TIME 15.00 HOURS |
| (c) | Time and date of opening of bids | : DATE 06-06-2022 TIME 15.30 HOURS |
6. 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 follow the instructions mentioned in the Assam Tenders e procurement portal www.assamtenders.gov.in.
 7. Bids must be submitted online on www.assamtenders.gov.in on or before 15.00 hours on **06-06-2022** and will be publicly opened online on the same day at 15.30 hours, in the presence of the bidders' designated representatives who wish to attend. 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.
 8. 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 9
 9. The bidders are required to submit (a) original bid security and (b) original affidavit, regarding correctness of information furnished with the bid, either by registered post/speed post/courier or by hand, so as to reach the **Office of the Chief Engineer, 5th Floor, Assam Water Center, Street Address: Kundil Nagar, Basistha, City: Guwahati, PIN/Postal Code: 781029**, before the bid submission deadline, failing which the bids will be declared non-responsive and will not be opened.

10. 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.
11. The address for communication is as under:

**Office of the Chief Engineer,
Water Resources Department
5th Floor, Assam Water Center
Street Address: Kundil Nagar, Basistha
City: Guwahati
PIN/Postal Code: 781029
Country: INDIA
e-mail ID: worldbank.wrd@gmail.com**

TABLE

Lot/Contract no.	Brief description of Works	Completion Period	Bid Security Amount
1	Procurement of Pre- Stressed Concrete (PSC) porcupine members for reserved stocks for utilization during flood and erosion exigency works at the critically vulnerable locations of Buridehing River Phase-I project under AIRBMP.	1 months	Rs.0.50 Lakhs
2	Procurement of Pre- Stressed Concrete (PSC) porcupine members for reserved stocks for utilization during flood and erosion exigency works at the critically vulnerable locations of Beki River Phase-I project under AIRBMP.	1 months	Rs. 1.9 Lakhs

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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
 - (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 2.2 d, 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 Bid submission deadline, 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.

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- 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.

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.

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 non-conformities 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 :</p> <p>The Purchaser is: <i>The Chief Engineer, Water Resources Department, Assam</i></p> <p>The name of the RFB is: <i>Procurement of Pre-Stressed Concrete (PSC) porcupine members for reserved stocks for utilization during flood and erosion exigency works</i></p> <p>The number and identification of lots (contracts) comprising this RFB is:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Lot/Contract no.</th> <th style="text-align: center;">Brief description of Works</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Procurement of Pre- Stressed Concrete (PSC) porcupine members for reserved stocks for utilization during flood and erosion exigency works at the critically vulnerable locations of Buridehing River Phase-I project under AIRBMP.</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Procurement of Pre- Stressed Concrete (PSC) porcupine members for reserved stocks for utilization during flood and erosion exigency works at the critically vulnerable locations of Beki River Phase-I project under AIRBMP.</td> </tr> </tbody> </table>	Lot/Contract no.	Brief description of Works	1	Procurement of Pre- Stressed Concrete (PSC) porcupine members for reserved stocks for utilization during flood and erosion exigency works at the critically vulnerable locations of Buridehing River Phase-I project under AIRBMP.	2	Procurement of Pre- Stressed Concrete (PSC) porcupine members for reserved stocks for utilization during flood and erosion exigency works at the critically vulnerable locations of Beki River Phase-I project under AIRBMP.
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2	Procurement of Pre- Stressed Concrete (PSC) porcupine members for reserved stocks for utilization during flood and erosion exigency works at the critically vulnerable locations of Beki River Phase-I project under AIRBMP.						
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. The sub-Borrower is State of Assam</p> <p>Loan or Financing Agreement amount: US\$ 100 million</p> <p>The name of the Project is: ASSAM INTEGRATED RIVER BASIN MANAGEMENT PROGRAM (AIRBMP)</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><i>https://assamtenders.gov.in/</i></p> <p>Requests for clarifications should be received by the Employer via the e-tendering portal no later than 14 days prior to the deadline for submission of bids.</p>
ITB 8.1	Any addendum/corrigendum issued shall be part of the bidding document and shall be communicated to all the bidders via the e tender portal. The Purchaser shall not be liable for any information not received by the bidder. It is the bidders' responsibility to check/verify the e tender portal for the latest information related to this bid.
C. Preparation of Bids	
ITB 12	<p>Note for Bidders: Bidders have to submit the bids only on the e-procurement portal viz www.assamtenders.gov.in along with the relevant required documents. For this purpose, the bidders shall fill up online, the forms that are available for online filling on the e-portal. The rest of the forms shall be downloaded 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.</p> <p>Note: No Hard Copies shall be entertained.</p>

ITB 12.3	<p>The bidders are required to separately submit (a) original bid security and (b) original affidavit regarding correctness of information furnished with bid by registered/speed post/courier or by hand so as to reach the office of the purchaser given below before the bid submission deadline, failing which the bids will be declared non-responsive and will not be opened.</p> <p>For submission of original documents, the Purchaser's address is:</p> <p>Attention: Office of the Chief Engineer, 5th Floor, Assam Water Centre Street Address: Kundil Nagar, Basistha City: Guwahati PIN/Postal Code: 781029 Country: INDIA</p>						
ITB 13.1	Alternative Bids shall not be permitted.						
ITB 14.5	<p>The prices quoted by the Bidder shall not be subject to adjustment during the performance of the Contract,</p> <p>The adjustment of contract price, if provided, will be done in accordance with GCC Clause 49 and corresponding provisions under PCC.</p>						
ITB 14.7	The Incoterms edition is Incoterms 2020						
ITB 14.8 (a)(iii)	<p>Final Destination (Project Site):</p> <table border="1" data-bbox="440 1182 1382 1392"> <thead> <tr> <th data-bbox="440 1182 743 1249">Lot No/Contract No</th> <th data-bbox="743 1182 1382 1249">Final Destination</th> </tr> </thead> <tbody> <tr> <td data-bbox="440 1251 743 1318">Lot-1</td> <td data-bbox="743 1251 1382 1318">Dibrugarh WR Division Stack yard, Dibrugarh</td> </tr> <tr> <td data-bbox="440 1320 743 1392">Lot-2</td> <td data-bbox="743 1320 1382 1392">Barpeta WR Division Stack yard, Barpeta</td> </tr> </tbody> </table>	Lot No/Contract No	Final Destination	Lot-1	Dibrugarh WR Division Stack yard, Dibrugarh	Lot-2	Barpeta WR Division Stack yard, Barpeta
Lot No/Contract No	Final Destination						
Lot-1	Dibrugarh WR Division Stack yard, Dibrugarh						
Lot-2	Barpeta WR Division Stack yard, Barpeta						
ITB 16.4	N/A						
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>Not Required</i>						
ITB 18.1	The Bid validity period shall be 90 days.						
ITB 18.3 (a)	N/A						
ITB 19.1	A bid security shall be required.						

	<p>The bidder shall submit a Bid security(ies) of the amount(s) specified below for each lot for which bid is submitted s part of the Technical Bid.</p> <table border="1" data-bbox="483 310 1230 569"> <thead> <tr> <th data-bbox="483 310 837 443">Lot no./Brief description</th> <th data-bbox="837 310 1230 443">Bid Security amount</th> </tr> </thead> <tbody> <tr> <td data-bbox="483 443 837 506">Lot-1</td> <td data-bbox="837 443 1230 506">Rs. 0.5 Lakhs</td> </tr> <tr> <td data-bbox="483 506 837 569">Lot-2</td> <td data-bbox="837 506 1230 569">Rs. 1.9Lakhs</td> </tr> </tbody> </table> <p>Note: Bid Security of the amount indicated above is required for each lot. Bidders have the option of submitting one Bid Security for all lots (for the combined total amount for all lots) for which Bids have been submitted, However, if the amount of Bid Security is less than the total required amount, the Purchaser will determine (based on the lowest cost combination of bids) for which lot or lots the Bid Security amount shall be applied.</p>	Lot no./Brief description	Bid Security amount	Lot-1	Rs. 0.5 Lakhs	Lot-2	Rs. 1.9Lakhs
Lot no./Brief description	Bid Security amount						
Lot-1	Rs. 0.5 Lakhs						
Lot-2	Rs. 1.9Lakhs						
ITB 19.3 (d)	<p>Other types of acceptable securities are: Fixed Deposit/Time Deposit certificate issued by a Nationalized or Scheduled Bank located in India for equivalent or higher value is acceptable provided it is pledged in favour of the Purchaser, and such pledging has been noted and suitably endorsed by the bank issuing the certificate.</p>						
ITB 20.3	<p>The written confirmation of authorization to sign on behalf of the Bidder shall consist of: <i>Legally valid Power of Attorney is required to demonstrate the authority of the signatory to sign the Bid</i></p>						
D. Online Submission and Opening of Bids							
ITB 21.1	<p>The Class of DSC required is: Class 3 of DSC. For details of registration and uploading of bids, bidders are requested to visit the website www.assamtenders.gov.in</p>						
ITB 22.1	<p>The deadline for uploading the Bids is: Date: 06-06-2022 Time: 15.00 Hours</p>						

ITB 24.1	Modification of the bid through e portal www.assamtenders.gov.in is allowed before closing date and time of bid submission.
ITB 25.1	<p>The online Bid opening shall take place on:</p> <p>Office of the Chief Engineer, 5th Floor, Assam Water Center Street Address: Kundil Nagar, Basistha City: Guwahati PIN/Postal Code: 781029 Country: INDIA Date: 06-06-2022 Time: 15.30 Hours</p> <p>The online Bid opening will also be connected virtually through live video conference, for which the electronic connection link will be sent through email by the Purchaser at least five (5) calendar days before the Bid opening date. For obtaining the electronic connection link, the participating bidders must submit a request through e-mail to the Purchaser at the e-mail ID: worldbank.wrd@gmail.com.</p> <p>Please also refer to BDS under ITB 12.3 regarding submission of original documents.</p>
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)	<p>Evaluation will be done for <i>Lots(contracts)</i></p> <p><i>Bids will be evaluated lot by lot. Bidder should quote for the complete requirement for goods as specified in each lot in the Schedule of Requirements, in accordance with ITB clause 14.6 failing which bids will be treated as non-responsive</i></p>
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> <p>(a) Deviation in Delivery schedule: Not Applicable</p>

	<p>(b) Deviation in payment schedule: Please refer corresponding provisions in Section III. If a Bid deviates from the payment schedule specified by the Purchaser in SCC, the adjustment factor referred to in Para 2.1 (b) of Section III is 12% Per Annum.</p> <p>(c) the cost of major replacement component, mandatory spare parts, and service: Not Applicable.</p> <p>(d) the availability in the Purchaser's Country of spare parts and after-sales services for the equipment offered in the Bid: Not Applicable</p> <p>(e) Life cycle costs: the costs during the life of the goods or equipment: Not Applicable</p> <p>(f) the performance and productivity of the equipment offered: Not Applicable</p>
ITB 36.2	Provisions related to Abnormally Low Bids apply.
ITB 39.1 Standstill Period	Standstill period does not apply.
	F. Award of Contract
ITB 42	<p>The maximum percentage by which quantities may be increased is: 15%</p> <p>The maximum percentage by which quantities may be decreased is: 15%</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.

1. 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)

The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section VII, Schedule of Requirements. No credit will be given to deliveries before the Earliest Delivery Date; but Bids offering delivery after the Latest Delivery Date shall be treated as nonresponsive. Within this acceptable Delivery Dates, no adjustment will be carried.

- (b) Deviation in payment schedule.

The SCC stipulates the payment schedule specified by the Purchaser. If a Bid deviates from the schedule and if such deviation is considered acceptable to the Purchaser, the Bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the Bid as compared with those stipulated in the SCC, at the rate per annum specified in the BDS Sub-Clause 34.6 (b).

- (c) Cost of major replacement components, mandatory spare parts, and service: Not used.
- (d) Availability in the Purchaser's Country of spare parts and after sales services for equipment offered in the Bid: Not used.
- (e) Life Cycle Costs: Not used.

- (f) Performance and productivity of the equipment: Not used.

2.2. Multiple Contracts (ITB 34.4)

If in accordance with ITB 1.1, Bids are invited for individual lots or for combination of lots, the contract will be awarded to the Bidder or Bidders offering a substantially responsive Bid(s) and the lowest evaluated cost to the Purchaser for combined lots, subject to the selected Bidder(s) meeting the required qualification criteria (this Section III, Sub-Section ITB 37 Qualification Requirements) for a lot or combination of lots as the case may be.

In determining Bidder or Bidders that offer the total lowest evaluated cost to the Purchaser for combined lots, the Purchaser shall apply the following steps in sequence:

- (a) (i) evaluate individual lots or contracts that include 100% of items specified for the lot and 100% of quantities specified for each item of the lot in accordance with ITB Sub Clause 14.6; (ii) determine substantially responsive Bids and the corresponding evaluated costs;
- (b) for each lot, rank the substantially responsive Bids starting from the lowest evaluated cost for the lot;
- (c) apply to the evaluated costs listed in (b) above, any applicable discounts/price reductions offered by a Bidder (s) for the award of multiple contracts based on the discounts and the methodology for their application offered by the respective Bidder; and
- (d) determine contract award on the basis of the combination of lots that offer the total lowest evaluated cost to the Purchaser.

3. Qualification (ITB 37)

3.1 Qualification Criteria (ITB 37.1)

The Purchaser shall assess each Bid against the following Qualification Criteria. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

- (a) If the Bidder is a manufacturer of PSC Porcupine:
 - (i) Financial Capability

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

Minimum annual turnover in any two of the last five Financial Years for the respective lots shall be as tabulated below.

Lot/Contract No	Minimum Annual turnover in any two of the last 5 years
Lot-1	Rs 48 Lakhs
Lot-2	Rs 188 Lakhs

(ii) Experience and Technical Capacity

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

The Bidder must have satisfactorily completed supply contracts of similar goods for at least the quantity stipulated in Section VII - Schedule of Requirements in any one of the last three years preceding the date of bid submission.

The Bidder must have a continuous production/supply of similar goods amounting to at least 3 times the quantity stipulated in Section VII - Schedule of Requirements mentioned above in the last three years.

(iii) Documentary Evidence

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement:

1. Documents verifying that the goods meet the Test Standards as mentioned in Section VII Sub section 3-Technical Specifications

(b) If Bidder is not a manufacturer:

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 (i), (ii), (iii) and the Bidder shall demonstrate that it has successfully completed at least :

1(One) Contracts of similar goods amounting to at least 80% the quantity stipulated in the Schedule of requirement in the last five years to Govt/Semi Govt/PSUs/Govt Undertakings/Govt Organization

or

2 (Two) contracts of similar goods cumulatively amounting to at least 100% the quantity stipulated in the Schedule of requirement in the last five years for goods to Govt/Semi Govt/PSUs/Govt Undertakings/Govt Organization.

(c) Supply Capacity

- i. **Production Capacity:** The Bidder, in order to qualify, must demonstrate that it (or the manufacturer who has authorized it) has installed necessary plant and machineries and has the operating production capacity of similar goods equal to or more than amounting to at least 3 times of the quantity stipulated in the Schedule of requirement in the last three years. The Bidder must also submit a third-party assessment of their production capacity through a certificate issued by a qualified survey firm, clearly stating the installed operating monthly production capacity of PSC Porcupine in the Bid, and give their current commitments of supply contracts under production/ being processed, failing which their Bid will be rejected.
- ii. **Manufacturer's Qualifications:**

The manufacturing plant for the PSC porcupine shall have facilities for its quality control system certified by an acknowledged institution or competent authority . Manufacturer must demonstrate its capability to meet Technical Standards laid down in Section VII in case the Contract is awarded, the Bidder shall submit the following with the Bid:

- (a) Bidder's summary product information about the PSC porcupine materials being fabricated by it
- (b) Bidder's Quality Statement confirming compliance with the Technical Specifications in Section VII, in the event the Bidder is awarded this contract.
- (c) Test certificates from independent, accredited laboratories covering all tests related to geotextile bags and Geo-textile fabric in accordance with the requirements specified in Section VII - Technical Specifications.

3.2 Litigation History

Bidders shall submit records of current or past litigation or arbitration from contracts completed or being executed if any over the last five years. Claims, arbitration or other litigation proceedings, pending or already resolved against the bidder, with a possible impact of more than 50 per cent on the Bidder's assets, will be a treated as grounds for declaring the Bidder disqualified for award of Contract

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:

Option 1, in case of one lot: Total price is: *[insert the total price of the Bid in Rs in words and figures]*;

Or

Option 2, in case of multiple lots: (a) Total price of each lot *[insert the total price of each lot in Rs in words and figures]*; and (b) Total price of all lots (sum of all lots) *[insert the total price of all lots 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 were 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.

2.A Bidder's JV Members Information Form (Not Applicable)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Bidder and for each member of a Joint Venture].

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

RFB No.: *[insert number of Bidding 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. Bidder's JV Member's name: <i>[insert JV's Member legal name]</i>
3. Bidder's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>
4. Bidder's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>
5. Bidder's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>
6. Bidder's JV Member's authorized representative information Name: <i>[insert name of JV's Member authorized representative]</i> Address: <i>[insert address of JV's Member authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i> Email Address: <i>[insert email address of JV's Member authorized representative]</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 registration documents of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Purchaser, in accordance with ITB 4.6.
8. 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

Purchaser's Country <u>INDIA</u>		Currency Indian Rupees				Date: _____ RFB No: _____ Alternative No: _____ Page N° _____ of _____		
1	2	3	4	5	6	7	8	9
Line Item N°	Description of Goods	Delivery Date	Quantity and physical unit	Unit price EXW [including excise duty if any]	Total EXW price per line item [including excise duty if any] (Col. 4×5)	Price per line item for inland transportation and other services required to convey the Goods to their final destination (ITB 14.8 (a)(iii))	Sales, vat 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 sales, vat and other taxes payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>
							Total Price	

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

Note: The bidder shall give list of major replacement components, mandatory spare parts for 2 years operation (or as required for the period specified in the evaluation criteria) separately indicating description, quantity, unit price and total price in the above format, - (for those items whose scope of supply includes major replacement components, mandatory spare parts as per technical specification)

4. Price and Completion Schedule - Related Services

Currency Indian Rupees					Date: _____
					RFB No: _____
					Alternative No: _____
					Page N° _____ of _____
1	2	3	4	5	6
Service N°	Description of Services (excludes inland transportation and other services required in India to convey the goods to their final destination)	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 4*5)
<i>[insert number of the Service]</i>	<i>[insert name of Services, after modifying as appropriate deleting inapplicable items from the following:]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
	<i>Performance or supervision of the on-site assembly and/or start-up of the supplied Goods</i>				
	<i>Furnishing of tools required for assembly and/or maintenance of the supplied Goods</i>				
	<i>Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods</i>				
	<i>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</i>				
	<i>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</i>				
Total Bid Price					

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

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 three/five 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 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.

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 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 (LOT-1)

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]
1	2	3	4	5	6	7	8
Lot-1							
	Supply of Pre stressed Cement Concrete (PSC) Porcupine members of size 0.10m X 0.10mX 3.00m with M-30 grade of cement concrete conforming to IS 1343: 2012 (please refer to section VII, sub clause 3, Technical specification 1.1.1)	6120	Nos	Dibrugarh	7days	1month	

1. List of Goods and Delivery Schedule (LOT-2)

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]
1	2	3	4	5	6	7	8
Lot-2							
1	Supply of Pre stressed Cement Concrete (PSC) Porcupine members of size 0.10m X 0.10mX 3.00m with M-30 grade of cement concrete conforming to IS 1343 : 2012 (please refer to section VII, sub clause 3, Technical specification 1.1.1)	24000	Nos	Barpeta	7days	1month	

3. Technical Specifications

Detailed Technical Specifications and Standards

Supply of:

1 General

1.1 This specification shall apply to the construction of Pre-Stretched Concrete (PSC) porcupine members.

1.1.1 **Technical specification:** Supply of Pre stressed Cement Concrete (PSC) Porcupine members of size 0.10m X 0.10mX 3.00m with M-30 grade of cement concrete conforming to IS 1343 : 2012 using super-plasticizer @1.2 lit/bag of cement with graded broken coarse aggregates up to 20mm size down conforming to IS 10262:2009 & IS 456:2000 and reinforced with 4 Nos. of 4 mm dia high tensile steel wire cable with necessary cover and 4mm high tensile stirrups at 250mm C/C, in conformity with IS-6403:R2002 and stressed to required strength not exceeding 9.18 N/mm, holes of 16 mm dia at 50 cm inside from both ends in the same face and in either face of post another 2 Nos. of holes of size 16 mm dia at 65mm inside from both ends including properly curing for 21 (twenty one) days and carriage of porcupine members from factory to the stack yard within a distance up to 20 Km including loading, unloading & stacking complete as directed. (Including forest royalty and all taxes as admissible)

Materials and General requirements:

1.2 High Tensile Steel

Tensile Steel for reinforcement in the form of High steel deformed bars shall conform to IS: 456:2000 Part-I and IS: 1786-2008 respectively. It shall be procured only from BIS approved manufacturers who shall furnish the proof of approval by BIS with the first consignment during the approval and for each fresh approval, each consignment of tensile steel must be accompanied by a test certificate showing the serial no. of bundle and brand tags. Each lots shall carry a tag in accordance with the IS specifications mentioned above. In addition to the normal tests stipulated in the IS specifications for every consignment results of “relaxation test” shall also be furnished once in six months. In case of change of source, the first test certificate shall include “relaxation test” results also. The steel shall be used for production only ascertaining that it meets the previous of relevant specifications. The tensile strength of the steel shall as per specification of the porcupine member given in the BoQ.

1.3 Cement

1.3.1 Cement shall conform PPC as per IS Code 1489 (Part-1) or OPC 53 grade as per IS Code 12269.

- 1.3.2 Each consignment of cement shall be covered by a test certificate. Each consignment shall be stocked separately, tested in the laboratory of the plant immediately for all relevant properties and shall be clearly identified. Cement more than 3 months old, if free form lumps, shall be tested for physical properties by an independent government approved laboratory or as directed by the Inspecting Officer and may be used after his approval.
- 1.3.3 The Inspecting Officer has the right to have the cement in stock tested at any time at the cost of manufacture.
- 1.3.4 In case the source of supply of cement is changed, the mix design shall be reviewed and modified, if necessary.
- 1.3.5 The cement content of the mix shall not be less than 360 kg/cum for M40 concrete.
- 1.3.6 Use of any admixture containing chloride in any form is prohibited.

1.4 Aggregates

- 1.4.1 The aggregates shall conform to IS: 383 and shall, before use, be got tested through an approved testing institute and results submitted in accordance with Appendix 'A' of IS: 383 to the Inspecting Officer for approval. These tests shall be got done at the manufacture's cost once in a year or at the time of approval/review of mix design or as desired by inspecting official. The aggregates shall have 30% abrasion and 30% impact value suitable for wearing surfaces when tested in accordance with IS:2386 (Part-IV). The flakiness index and elongation index shall not exceed 30% when tested in accordance with IS:2386 (Part-I).
- 1.4.2 Coarse and fine aggregates shall pass sodium or magnesium sulphate accelerated soundness test specified in IS:2386 (Part V) – 1963
- 1.4.3 Aggregates shall not contain any harmful material such as pyrites, coal, ignite, mica shale or similar laminated material clay, alkali soft fragments sea shells and organic impurities in such quality as to affect the strength for reinforced concrete shall not contain any material liable to attack steel reinforcement. Maximum limit of deleterious material in aggregates should conform IS: 383 when tested in accordance with IS: 2386-1963.
- 1.4.4 Aggregates which are reactive with alkalis of cement are harmful as cracking of concrete may take place. Potential reactiveness of aggregates shall be tested as per IS:2386 (part VII)-1963.
- 1.4.5 Coarse aggregates shall be crushed stone, angular in shape and gravel shall not be used.
- 1.4.6 Different sized of aggregates shall be stacked in different storage bins or stock piles on the proper hard floor surface. The bins near batching plant must be located under a covered shed to avoid any chance of raw material getting wet due to rains.

1.5 Water

- 1.5.1 Water to be used in making and for curing of concrete shall conform to IS: 456. However, use of saline water is prohibited.

- 1.5.2 If water needs any treatment before use, adequate storage of treated water for daily requirement shall be made. Facilities for testing treated water shall be provided in the plant.
- 1.5.3 The total water content per batch shall be regulated with conform with the ration by weight of free water to cement required for the particular design mix as established by preliminary tests. The total water content of a batch includes:
- a) Absorbed water in the aggregates.
 - b) Free water in the aggregates and
 - c) Free water added to the mix.
- 1.5.4 The water to be mixed at the mixer shall be free water content required per batch less the amount of free water in the aggregates. If wet, or plus the amount of water the aggregates will absorb, if dry. Free moisture content shall be determined at least once a day.

1.6 Concrete

- 1.6.1 The concrete shall be of controlled quality with the nominal maximum size of aggregates limited to 20mm. Where wire spacing permits, aggregates upto 25mm may be used. The manufacturer shall get the concrete mix design along with the upper and lower limits of granulometric curves approved by the Inspecting Officer.
- 1.6.2 The granulometric curves shall be plotted on semilog graph once in a week and shall be between the approved limits. Coarse and fine aggregates shall be batched separately.
- 1.6.3 The concrete shall satisfy the following design parameters:
- i) Minimum release strength after moist curing (15cm cube after 7 days): 27 N/Sq. mm (For M-30)
 - ii) 28 days characteristic compressive After moist curing (15cm cube) : 30 N/sq. mm (For Mix M-30)
 - iii) Percentage of cubes with strength less than the characteristic strength: Not more than 5 %
 - iv) Co-efficient of variation (Standard Deviation) : Less than 5
- 1.6.4 At the time of approval/review of mix design, 40 cubes shall be cast, using materials proposed for regular manufacture, in 10 batches of 4 cubes each for water curing.
- 1.6.5 All the 40 cubes cured according to the proposed moist curing shall attain the specified minimum release strength.

1.7 Manufacture

1.7.1 Moulds

- 1.7.1.1 Moulds shall be of steel with minimum plate thickness of 6 to 8 mm including end plates. Moulds shall be of rigid construction so as to prevent any in-service distortions. Moulds shall not allow any appreciable leakage of cement mortar in casting. The holes in the end plates shall be accurately drilled for correct placement of prestressing wires.

1.7.2 Stretching of wires

- 1.7.2.1 The prestressing wire shall be stretched either individually or collectively by an approved method. The tensioning force shall be as shown on the porcupine

drawing prepared by the contractor. The final force to be adopted, duly considering the losses while stretching shall be approved by WRD Officer. However, the stretching force shall in no case exceed 75% of the minimum specified UTS of the wire. The pre-tensioning force in the wire shall be applied by a tensioning device equipped with automatic load cut off unit along with measuring gauge. The final force shall also be verified by measuring the extension of the wire.

1.7.3 Mixing and consolidation of concrete

1.7.3.1 Manufacture of PSC porcupines shall be done under a shed.

1.7.3.2 Batching of different ingredients shall be done by weight only. A modern, mechanized, or automatic weight batcher shall be used for weighing aggregates and cement. The weigh batcher shall have an accuracy of +/- 3% to maintain consistency.

1.7.3.3 Modern high-speed mixer, pan, turbine or any other suitable type, approved by the WRD Officer shall be used for mixing concrete. Concreting shall commence within 2 hours of stressing of wires, failing which the HTS wires shall be checked and re-tensioned, if necessary.

1.7.3.4 Concrete shall be thoroughly mixed and consolidated by means of vibrators or at least 9000 revolutions/minute. The vibrator should normally be fixed at the bottom of the mould, at least at two different locations for a PSC Porcupine Member. Any other vibration system should have prior approval of WRD.

1.7.3.5 Freshly cast PSC Porcupines shall be protected during the first stage of hardening from adverse weather conditions.

1.8. De-tensioning of wires

1.8.1 Anchoring system shall provide a device for gradual de-tensioning of the wires. Back pulling of wires for releasing any wedge shall be strictly prohibited. De-tensioning of wires shall be undertaken only after the concrete has attained a compressive strength of 40 N/sq.mm.

1.9. Curing

1.9.1 Initial curing of concrete PSC Porcupine members shall be done by moist curing at atmospheric pressure till the concrete attains a compressive strength of 27 N/sq. mm for seven day. The period of curing expose to dry and hot weather condition shall not be less than 10 days.

After de-tensioning, the PSC Porcupine Members shall be cured for a further period of not less than 21 days (as per mix design) by submerging in water.

1.10 Supervision

1.10.1 Suitably qualified person shall be engaged by the manufacturer for supervising the following items at the works:

- i) Placing and stressing of prestressing wire.
- ii) Batching, mixing, placement and compaction of concrete. Checking of the moist curing arrangement for its adequacy.
- iii) De-moulding of PSC Porcupine Members, water curing, stacking/loading etc.
- iv) Inserts shall be checked by suitable jigs before use by the manufacturer.
- v) Testing of cement, cement mortar cubes, concrete cubes, concrete beams.
- vi) Calibration of testing and measuring equipment and different gauges.

1.10.2 Supervisor so engaged shall maintain records as directed by the officers and shall present them for scrutiny when demanded.

- i) A site register shall be maintained in which officer record observations against which compliance will be recorded by the supervisor.
- ii) Suitable records as per the technical requirements shall be maintained in such a manner that it can be correlated at a later date to the PSC Porcupine before being launched in the river.

1.11 Finish

1.11.1 All PSC Porcupine Members shall be free from surface defects such as water retaining pockets, air holes or honey combed formations. The ends of the prestressing wires shall be cut close to the surface of the PSC Porcupine Member in such a way that there is minimum damage to end plate and the wire in no case shall project more than 3 mm from the concrete surface. Two coats of suitable ISI marks anti corrosive paint, approved by WRD officer, shall be applied at the ends of the PSC Porcupine member in the following manner:

- i) First coat of paint, sufficient thick to form impervious film of paint covering full surface of either ends of a PSC Porcupine Member shall be applied just after de-moulding from its original mould and,
- ii. Second coat after taking out the PSC Porcupine Member from submerged water curing tank in the above manner, ensuring that surface to be painted is completely dry and clean of dirt etc.

1.11.2 No touching up or finishing by cement mortar etc. shall be permitted on concrete PSC Porcupine, after it is de-moulded.

1.12 Stacking

1.12.1 After the Porcupine Members have been cured in accordance to clause 3.5.2 and checked both dimensionally and visually, they shall be stacked at convenient place in lots. The stacking of PSC Porcupine Members shall be done on leveled and consolidated ground, one over another up to 25 layers. Each layer shall be separated by wooden/concrete battens of 50mm x 50mm of size of suitable lengths to avoid any damage.

1.13 Production Lots

- 1.13.1 All PSC Porcupines cast in one shift shall form one lot having markings of date and serial no. painted.
- 1.5 STAMPING AND MARKING**
- 1.5.1 All the PSC Porcupine Members shall have legible permanently inscribed and painted markings giving a numbering/serial no. for identification of Lot wise on the top as given in the contract.
- 1.5.2 The accepted PSC Porcupine Members shall bear the passing marks of the Inspecting Officer in indelible paints. Members which have been subjected to static bending strength test up to cracking and accepted shall in addition be marked b=on the top in indelible paint with the later 'T' MF tested and accepted members shall bear the marking 'MF' in paint with yellow bands at ends.
- 1.3 All PSC porcupine members fit for use shall bear the mark 'FTL' (Fit to Launch) at the center of the Porcupine Member.
- 1.5.4 Rejected PSC porcupine members shall be stacked separately by the manufacturer so as to avoid their mixing with the accepted PSC Porcupines Members. Such rejected Members shall be marked as "RJ" on at least three faces.
- 1.5.5 All markings mentioned in para 6.1 to 6.2 shall be done with enamel paint of ISI mark. Color and quality of the pain used shall be got approved by the Inspecting Officer. All such markings shall be done by the manufacturer at his cost.
- 1.6. LOADING AND DESPATCH**
- 1.6.1 Only those PSC Porcupine Members which have been passed, properly marked and accepted by the Inspecting officer shall be loaded for dispatch.
- 1.6.2 The loading of the passed PSC Porcupine Members in trucks shall be done by the manufacturer as per the loading arrangement approved the Employer. The PSC Porcupine Member shall be properly secured to avoid movement and displacement during transit. The manufacture shall be responsible to replace, free of cost, all the sleepers which are found damaged in transit on account of defective loading

Supplementary Information

Completion of Delivery applicable to both items:

- a). The Prestressed Cement Concrete (PCC) Porcupine members should be fabricated and supplied within the borders of India:
- i). Manufacture of PCC porcupine members should commence within 2 weeks from the date of receipt of signed contract/agreement from the Purchaser.

- ii).Delivery of 20% of finished goods to the designated site should commence within 40 days from the date of receipt of signed contract and the entire supply must be completed within 120 days from the date of issue of signed contract by the purchaser.

Calculation of Delivery Period:

Notwithstanding any other relevant provision(s) in this respect, except for Clause of **Force Majeure**, of the General Conditions of Contract, the Delivery period for the supply of finished Goods under this Contract shall be calculated from the date of issue of signed contract. In all cases the delivery period shall be counted in calendar days, irrespective of weekends or public holidays for festival, etc. excepting for delays beyond the control of the bidder such as natural calamities, bandhs, etc.

Note - 1

For the purposes of this Contract, any percentage of goods shall mean and indicate corresponding percentage of RCC Porcupine Members included in the particular Contract. Evaluation and comparison will be done in accordance with the evaluation criteria as provided in Section III - Evaluation and Qualification Criteria of the Bidding Documents.

Note- 2:

Bids offering delivery schedules beyond 21 days of deviation will be evaluated as “disqualified” and shall be rejected.

Note -3:

The Supplier [the successful Bidder who will be issued with the Notification of Award] shall be required to submit to the Purchaser its manufacturing/fabrication and delivery schedule within two weeks from the date of receipt of issue of signed contract, fully complying with the delivery and completion schedule as given in (a) (ii) above.

4. Drawings

This bidding document includes No drawings.

5. Inspections and Tests

The following inspections and tests shall be performed: *[insert list of inspections and tests]*

The following inspections and tests shall be performed:

5. Inspection and Tests

5.1 Inspection and Testing

- 5.1.1 The manufacturer shall supply at his expense, all the PSC Porcupines required for tests and retests, samples of materials, labour, machine, tools, gauges, apparatus, forms of test reports etc. and any other item which may be necessary or required by the WRD Officer for carrying out any of all of the checks and tests mentioned in these specifications and shall render all reasonable assistance in conduction such checks and tests. All measuring and testing appliance shall be checked and calibrated through government approved agency or as directed by the WRD Officer. The calibration certificate shall be furnished to the WRD Officer. The cost of all such checks and calibrations shall be borne by the manufacturer.
- 5.1.2 WRD Officer, shall have free access at all reasonable times to the works in which the PSC Porcupines are manufactured. They shall be at liberty to inspect the manufacture of PSC Porcupines at any stage and to reject any material supplies not conforming to the terms of the specifications. They shall be proved with necessary assistance for inspection by the manufacturer.
- 5.1.3 The Employer reserves the right to employ an independent inspection agent to inspect goods prior to shipment from the Suppliers factory. The costs of such inspections will be borne by the Employer.
- 5.1.4 Any PSC Porcupine Members delivered to the site or intended to be delivered under this contract may be tested at the discretion of the Employer by an independent testing laboratory following the test standards given in these Specifications. In case difference beyond the normal tolerances and fluctuations experienced during the fabrication process are found in the tests, the Supplier will be directed to replace the Porcupine Member adhering to the specification and standards as required by the Employer and also remove the rejected porcupine Members from the site at the supplier's own cost. In the event, the Employer is not convinced the test results of the Employer's lab shall prevail over those of the Supplier.
- 5.1.5 The mean values of each test shall be within the limits permitted in these specifications. Any test value outside these limits will be considered/evaluated as "disqualified".
- 5.1.6 The Employer reserves the right to supervise sampling of any PSC Porcupine Member through its own entrusted personnel, laboratory, and consultants of pre-shipment inspectors.

5.2 Checks and tests

In addition to the control checks exercised on the materials and manufacturing process specified above, the concrete and the finished PSC Porcupines shall be

subjected to regular checks and tests, after 14 days submerged water curing, as detailed in clause 3.5.1

5.3 Visual and Dimensional Check

Every PSC Porcupine shall be visually inspected for surface finish. No PSC Porcupine shall have surface defects. PSC Porcupine dimensions to be checked are listed below.

- i) Critical dimensions are top gap, locations of inserts, distance between inserts at rain seat, distance between outer most inserts.
- ii) General dimensions between end to end or the PSC Porcupine Member, width of PSC Porcupine Member at the top and bottom; length of PSC Porcupine Member, and position of high tensile steel wires etc.
- iii) Scale of Check:
 - a) Prior to stabilization of production technique: Scale of check per lot for critical dimensions is 100% (hundred percent) and for general dimension 10% (ten percent) of PSC Porcupines produced.
 - b) After stabilization of production technique: Scale of check per lot for critical dimensions is 10% (Ten per cent) and for general dimension 1 % (one percent), but the dimensions between outer inserts shall be checked 100%.

5.4 Casting of cubes

15 cm size cubes shall be cast on a vibrating table conforming to IS: 2514 (1963) from random samples spread over the entire lot, out of concrete unused for casting PSC Porcupine Members for testing prior to transfer of pre-stress and 28 days.

5.4.1 Method of testing

The cubes shall be surface dry at the time of testing. The rate of loading shall be about 400 KN/minute.

5.4.2 Compressive strength of concrete at transfer (release) of pre-stress

These cubes shall be moist cured along with PSC Porcupine Member in the same manner and tested for transfer of pre-stress to concrete.

5.4.3 Test for 28 days compressive strength of concrete

These cubes shall be cured for 28 days after de-moulding. Three cubes per lot shall be tested for 28 days compressive strength of concrete. The minimum strength will represent the strength of concrete for that lot. In case strength of concrete is less than 40 N/mm² for M30 Grade of concrete. The lot shall be rejected and the mix design shall be reviewed.

5.4.4 Tests for static bending strength of PSC Porcupine

Method of Testing: The PSC Porcupine Members shall be loaded gradually (20-30 KN/min) upto the specified load, which will be retained at this level of one minute for observing cracks, if any. For the purpose, a crack is defined as one which is barely visible to the naked eye and is at least 15mm long from the tension edge of the PSC Porcupine. However, if crack appears at a load smaller than the aforesaid load, that value shall be recorded.

5.5 Acceptance tests

5.5.1 Moment of failure (MF) test

Prior to stabilization of production technique, one PSC Porcupine Member for every 250 PSC Porcupines manufactured shall be tested and recorded. After the production technique gets stabilized, the testing scale shall be reduced to one PSC Porcupine Member for every 750 PSC Porcupine produced.

5.5.2 Moment of resistance (MR) test

Depending on 28 days cube strength of the lot as mentioned in para 5.3 and 5.5, the scale of testing for the lot shall be as follows:

- i) 30 N/sq.mm and above for M30 – one PSC Porcupine per lot.
- ii) In case, 28 days cube strength of the lot is less than 30N/sqm for M30 Grade, the lot shall be rejected and no testing for the moment of resistance or moment of failure will be conducted.

5.6 Defect and Rejection:

PSC Porcupine Members not meeting the requirements of these Technical Specifications shall be rejected and not be delivered to the site or upon knowledge of defects, should be removed from the Site by the Supplier at his own costs, within two working days.

5.6.1 The Employer will issue Receiving Certificates at the Site after receipt of PSC Porcupine Members, verifying the quantities and compliance with the Technical Specifications. The Receiving Certificate qualifies the Supplier for payment in accordance with the payment schedule.

5.6.2 Upon completion of the contract and before final acceptance by the Employer, the Supplier shall deliver complete documentation of all details related to the production such as production date of each Member or batch of Members, results of all lab tests conducted for each batch, all readings from pre-stressing operations for each Member, all documents related to stockpiling of Members, curing, transport to the site, schedule committed and actual, delivery processes adopted and all test contract negotiation. Upon acceptance of this documentation by the Employer, the Employer will issue the Acceptance Certificate to the Supplier.

6.0 Proforma of Certificate for issue by the Purchaser After Successful Supply of Goods

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

No.

Date:

M/s.

Sub: Certificate of acceptance of supplied Items

1. This is to certify that the items as detailed below has/have been received in good condition along with all the standard (subject to remarks in Para No. 2)

(a) Contract No. _____ dated _____

(b) Description of the item _____

(c) Batch/Consignment Nos.

(d) Quantity _____

(e) Rail/Roadways Receipt No.
_____ dated _____

(f) Name of the consignee _____

(g) Date of Sample test _____

2. Details of items received/non received and cost.

<u>S. No.</u>	<u>Description</u>	<u>Amount</u>
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3. The sample test has been done to our entire satisfaction (Y/N: if yes attach Test certificate from WRD))

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 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.

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.

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- (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 thereunder 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.

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.

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;⁷ (ii) to be a nominated⁸ 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 inspect⁹ all accounts,

⁷ 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.

⁸ 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.

⁹ 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 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.

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

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.

GCC 1.1(j)	The Purchaser is: The Chief Engineer, Water Resources Department,						
GCC 1.1 (o)	<p>The Project Site(s)/Final Destination(s) is/are:</p> <table border="1"> <thead> <tr> <th>Lot No/Contract No</th> <th>Final Destination</th> </tr> </thead> <tbody> <tr> <td>Lot-1</td> <td>Dibrugarh WR Division Stack yard, Dibrugarh</td> </tr> <tr> <td>Lot-2</td> <td>Barpeta WR Division Stack yard, Barpeta</td> </tr> </tbody> </table>	Lot No/Contract No	Final Destination	Lot-1	Dibrugarh WR Division Stack yard, Dibrugarh	Lot-2	Barpeta WR Division Stack yard, Barpeta
Lot No/Contract No	Final Destination						
Lot-1	Dibrugarh WR Division Stack yard, Dibrugarh						
Lot-2	Barpeta WR Division Stack yard, Barpeta						
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 2020						
GCC 8.1	<p>For <u>notices</u>, the Purchaser's address shall be:</p> <p>Attention: Office of the Chief Engineer, Street Address: <i>Kundil Nagar, Basistha</i> Floor/ Room number: 5th Floor, Assam Water Center City: Guwahati PIN Code: 781029 Country: India</p> <p>Electronic mail address: worldbank.wrd@gmail.com</p>						
GCC 10.2	<p>The rules of procedure for adhocarbitration proceedings pursuant to GCC Clause 10.2 shall be as follows:</p> <p>(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</p>						

	<p>from the appointment of the arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the president of the institution of Engineers (India)</p> <p>(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 President of the Institution of Engineers (India)/, shall appoint the arbitrator. A certified copy of the order of the President of the Institution of Engineers (India), making such an appointment shall be furnished to each of the parties.</p> <p>(c) Arbitration proceedings shall be held at <i>Guwahati, Assam</i> India, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.</p> <p>(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.</p> <p>(e) 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	The scope of supply for the Goods to be supplied shall be as specified in Section VII - Schedule of Requirements
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> <ol style="list-style-type: none"> 1. Six copies of supplier's invoices showing the description of goods, quantity, unit price and total amount 2. Delivery note, railway or truck receipt as appropriate 3. Manufacturer's or supplier's warranty certificate 4. Inspection certificate issued by the nominated inspection agency and the supplier's factory inspection report; 5. Certificate of origin <p>Submission of Test Certificate from accredited testing laboratories or In-house test facilities. The above documents shall be received by the</p>

	<p>Purchaser at least 1 week before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.</p> <p>The purchaser will receive the goods at the site of delivery (as mentioned in the delivery schedule)</p> <p>The supplier shall be responsible for the delivery of the goods and all other allied services such as transportation, custom clearance etc. till the purchaser receives the finished goods at the respective sites.</p>
GCC 15.1	The prices charged for the Goods supplied performed shall not be adjustable.
GCC 16.1	<p>GCC 16.1—Payment shall be made in Indian Rupees, as follows:</p> <p>(i) Advance Payment:. NOT APPLICABLE</p> <p>(ii) On Delivery: Eighty (80) percent of the Contract Price shall be paid on receipt of the Goods and upon submission of the documents specified in GCC/ SCC Clause 13 and receipt of clearance certificate from WRD in the proforma given in Section VII – item 6 after successful test of sample (at least one out of the delivered items).</p> <p>(ii) On Final Acceptance: The remaining twenty (20) percent of the Contract Price shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the respective delivery issued by the Purchaser’s representative in the proforma given in Section VII – item 6.</p> <p>Reimbursement of Local Taxes such as Sales tax, octroi etc. will be at actuals based on documentary evidence of payment within 30 days of submission of bill with documents.</p>
GCC 16.5	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 30days.</p> <p>The interest rate that shall be applied is <i>6% per annum</i></p>

GCC 17	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.
GCC 18.1	<p>A Performance Security <i>shall be required</i>.</p> <p>Performance Security shall be for an amount of 5% of the contract value, valid up to 45 days after the date of completion of performance obligations including warranty obligations.</p> <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.</p>
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	<p>Add as Clause 18.5 to the GCC the following:</p> <p>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.</p>
GCC 23.2	<p><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:</p> <p>(i) Project; (ii) Contract No.; (iii) Supplier’s Name; (iv) Packing List Reference Number.</p>
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 26.1	The inspections and tests shall be carried out in accordance with ‘Tests and Inspections specified in Section VII.
GCC 26.2	The Inspections and tests shall be conducted in accordance with provisions given in Section VII.
GCC 27.1	The liquidated damage shall be: 0.5% of contract price per week or part thereof.
GCC 27.1	The maximum amount of liquidated damages shall be: 10% of the contract price.
GCC 28.3	N/A
GCC 28.5 GCC 28.6	The period for repair or replacement shall be: 15 days.
GCC 31.1	This clause will apply only to variations in VAT/Sales tax/ Octroi etc. 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
 - (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 Supplier¹⁰]* (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 guarantee¹¹]* _____ *[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.

¹⁰*In the case of a JV, insert the name of the Joint Venture*

¹¹*An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract and denominated in Indian Rupees.*

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 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 obligations¹², 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.

¹² 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 Supplier¹³]* (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 guarantee¹⁴]* _____ *[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 thereunder 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.

¹³In the case of a JV, insert the name of the Joint Venture

¹⁴An amount shall be inserted by the bank representing the amount of the Advance Payment, and denominated in Indian Rupees.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ [name of Purchaser] receives full repayment of the same amount from the Applicant. Consequently any demand for payment under this guarantee must be received by us at this office on or before that date.

Yours truly,

Signature and seal: _____

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.

ⁱ *Substitute by "contracts" where Bids are invited concurrently for multiple contracts. In all such cases add a new para. 3 as follows: "Bidders may Bid for one or several contracts, as further defined in the request for bids document. Bidders wishing to offer discounts in case they are awarded more than one contract will be allowed to do so, provided those discounts are included in the Letter of Bid, and renumber paras 3 - 9."*

ⁱⁱ *Insert if applicable: "This contract will be jointly financed by [insert name of co-financing agency]. Bidding process will be governed by the World Bank's Procurement Regulations."*