

Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstocks & Steel In-Liner in Umrong System of KHEP (275 MW), Assam



ISO: 9001, 14001,
& 45001

Bid Document
Part-1: Short & Detail NIB



ISO: 9001, 14001,
& 45001

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनी रत्न, श्रेणी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

(Mini Ratna, Category-I, Government of India Enterprise)

Office of the Executive Director, Contracts & Procurement

Brookland Compound, Lower New Colony

Shillong-793 003, Meghalaya, India

Tel. No.0364-2227784 :: E-mail: contract_neepco@yahoo.com

Website: www.neepco.co.in, CIN-U40101ML1976GOI001658

NIB No. 353 Dated 23-04-2020

DETAIL NOTICE INVITING BIDS (E-TENDER)

(DOMESTIC COMPETITIVE BIDDING)

FOR

Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstocks and In-Liners in Umrong System of Kopili Hydro Electric Project (275 MW), Assam

1. North Eastern Electric Power Corporation Limited (NEEPCO Ltd.) invites online tender at e-procurement portal <https://etenders.gov.in> from prospective bidders fulfilling the Qualifying Requirement under Single-Stage Two-Envelope bidding system through Domestic Competitive Bidding (DCB) route for carrying out the work of “**Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstocks and Steel In-Liners in Umrong System of Kopili Hydro Electric Project (275 MW), Assam**” at an approximate estimated cost of INR 1980.3761 Million (excluding tax).

2. Scope of work:

The scope of work under this tender covers the following:

Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstocks and In-Liners in Umrong System of Kopili Hydro Electric Project (275 MW), Assam.

Please refer Part-5 (Technical Specifications) and Part-6 (Tender Drawings), Part-8(Bill of Quantities) of Bid Document for detailed Scope of work.

3. Bidding Procedure:

The Bidder shall submit Bids under Single-Stage Two-Envelope bidding system through online as follows:

Techno-Commercial Bid (Envelope No. 1): Shall contain Earnest Money Deposit (EMD), documents in support of Qualifying Requirements and Techno-Commercial Bid.

Price Bid (Envelope No. 2): Shall contain Price Bid. Price Bids of only those Bidders who qualify in Techno-Commercial evaluation shall be opened.

4. Time of Completion:

The scheduled time of completion of the work comprising of 2(two) Penstocks, Penstock-I & Penstock-II including steel in-liners shall be as under:

(i) Penstock-I: 10 months from the date of issue of Letter of Intent;

(ii) Penstock-II: 14 months from the date of issue of Letter of Intent.

The bidder shall submit a construction programme considering his best possible effort, equipment mobilization, manpower mobilization, resource and mobilization so as to complete the work in all respect at the minimum possible time not exceeding the aforesaid stipulated time of completion.

5. Earnest Money Deposit: Earnest Money Deposit shall be INR 39.61 Million.

The EMD shall be paid /deposited as per procedure given in Part-3 of Bid Document. Bids without or insufficient EMD shall be rejected.

6. Qualifying Requirements:

6.1 General Qualifying Requirement:

A bidder who may be an individual or Partnership firm or Limited liability Partnership or Private/Public Ltd. company shall be a registered entity in India.

6.2 Technical Qualifying Requirement:

The bidder shall have experience of successful completion of the similar work(s), fulfilling any one of the following during the last 10 (ten) years, ending on the last day of the month previous to the one in which the tenders are invited:

- (a) at least 1(one) similar work involving steel tonnage not less than 2500 MT,
Or,
- (b) at least 2(two) similar works involving steel tonnage of each not less than 2000 MT,
Or,
- (c) at least 3(three) similar works involving steel tonnage of each not less than 1500 MT.

The bidder should furnish documentary evidence to show that the completed work has been operated without any trouble for atleast six months after completion.

Here 'similar work' refers to design, supply, fabrication and erection of Penstock/steel liner in hydroelectric project. However, the work should include component of surface Penstock work supported on saddle support/ring girder supports with expansion joint and manhole with atleast maximum internal pressure of 2.50 MPa and minimum length of 500.0 meter.

6.3 Financial Qualifying Requirement:

i) **Minimum Average Annual Turnover (MAAT):**

Minimum Average Annual Turnover of the bidder shall be INR 2546.20 Million, in the best three Financial Year out of the last 5(five) Financial years. Other income shall not be considered for arriving at the minimum average annual turnover.

For evaluation purpose, the annual turnover of preceding years shall be brought to the current price level by considering an average inflation rate of 4 % per year.

ii) **Liquid Asset:**

The bidder should have liquid assets or / and evidence to availability of unutilised credit facilities of not less than INR 353.64 Million. The Certificate of Banker regarding the availability of unutilised credit facilities (Fund based and non-fund based) shall not be dated earlier than 30(thirty) days prior to the latest date for submission of bids.

Liquid Asset = Current Asset – (Inventory + Pre-paid expenses).



iii) **Net Worth:**

The Net worth of the bidder as on last day of the preceding financial year shall not be less than 25% of the Paid-up Share capital.

The Net Worth shall be calculated based on Subscribed and Paid-up Capital + Free Reserves + Unallocated balance surplus amount of Profit and Loss Account less (a) Expenses not written off (b) Loss in Profit & Loss Account if not reduced from Reserves.

iv) **Bid Capacity:**

The available Bid Capacity of the Bidder at the time of submission of Bid, calculated as under should not be less than the estimated cost of the work put to tender:

$$\text{Available Bid Capacity} = A \times N \times 2 - B$$

Where,

A = Maximum value of works executed in any one year during last 7(seven) years (at current price level). An escalation factor of 4 % per year shall be taken to arrive at the current price level.

N = Completion time of the proposed work in years = 1.17 years

B = Value at current price level of existing commitments and on-going works (as on the latest date for bid submission) to be completed in next "N" years.

The Bidder shall have to submit documentary evidence in support of "A" & "B" above or declaration/certificate from a practising Chartered Accountant/ statutory auditors in support of "A" & "B" above along with their Bid.

Complete Audited Annual Reports along with Audited Balance Sheets, Profit and Loss Account & detailed Schedule and other financial statements for the preceding 5(five) financial years, along with Letter of adequacy and commitment from their Bankers/ Financial Institutions of International repute should be furnished along with their bids for evaluating the above financial criteria. In case where the audited results of the preceding financial years are not available, certified financial statements from a practicing Chartered Accountant / Certified Public Accountant (CPA) will be also considered acceptable.

6.4 Bids by Merged/ Acquired/ Subsidiary Companies:

In case of a Bidder's Company, formed after merger and/ or acquisition of other companies, past experience and other antecedents of the merged/acquired companies will be considered for qualification of such Bidders Company provided such Bidders Company continues to own the requisite assets and resources of the merged/ acquired companies needed for execution and successful implementation of the work package put to tender.

If the Bidder is a Subsidiary company which by itself does not meet the qualifying criteria stipulated at Clause 6.2 & 6.3 above can submit bid on the basis of technical experiences and financial credentials of its Parent Company, required exclusively for meeting the qualifying requirements and also subject to the following conditions.

- a. Parent Company holds/owns majority (more than 50%) shares of such Bidders (Subsidiary) Company.
- b. Subsidiary company fulfils qualifying criteria stipulated at Clause 6.1.
- c. The bidder shall enclose in its Bid an Undertaking by the Parent /Holding Company (as per format given in **Form-E**, included in Forms and Data Sheets, Part-7 of Bid Document) confirming Parent/Holding Company's full support to the Subsidiary Company for the Technical experiences

and Financial credentials and its commitment to take up the work itself in case of non-performance by the Subsidiary Company in the event of award of work to the Subsidiary Company.

- d. The Parent/Holding Company shall enter into a separate agreement with NEEPCO Ltd. (as per format given in **Form-F** included in Forms and Data Sheets, Part-7 of Bid Document) for fulfilling the obligation as per the undertaking/ commitment of the Parent/Holding Company as mentioned at 6.4(c) above, in case Subsidiary Company gets qualified and awarded the work package.
- e. In case Subsidiary company gets qualified and awarded the work package, the Parent/Holding Company will be required to furnish an additional Performance Bank Guarantee of value equivalent to 5%(five percent) of the Contract Sum, in addition to normal Performance Bank Guarantee (i.e. Initial Security Deposit (ISD)) to be submitted by the Bidder company to the Owner besides entering into a separate Agreement in the requisite Format provided in the Bid Document. The experience of subsidiary companies of the Parent/ Holding Company will be considered experience of the Parent/ Holding Company.

For the purpose stated herein above in this clause, "Parent Company" shall mean the "Holding Company" owning majority (more than 50%) shares of such Bidders (Subsidiary) Company. Similarly by extensions of this interpretation, if "A" is owned by a "Holding Company" "B" which in turn is owned by another Holding Company "C" then "C" is construed as the "Parent Company" of "A" as well as and so on. An apex "Parent Company" may own number of independent Subsidiary / Group Companies and if any of these Subsidiary/Group Company commits assured support and unhindered access to its assets and resources to another Subsidiary/Group Company (Bidders in this case) under the same apex "Parent Company" then experience and other credentials of such Subsidiary/Group Company shall also be considered for qualification of the Bidders Subsidiary Company provided such commitment is evidenced /authorised and guaranteed by the apex "Parent Company". However, for fulfillment of financial criteria, financial evaluation vis-s-vis the requirement as stated above shall be done on the basis of consolidated printed annual report for the immediately preceding 5 (five) years of the Parent/ Apex Parent Company submitted by the bidder along with the bid.

- 6.5** The bidder (Individual/Company/Firm) should collectively satisfy, as a whole, the requirements specified under paras 6.1, 6.2 & 6.3 above. However, parties claiming to have past experience by virtue of being a partner of a Joint-Venture/Consortium, while executing particular works in the past, shall have to produce documentary evidence of their role, scope of work and participation share in the aforesaid Joint-Venture/Consortium, which only shall be counted for the purpose of assessing experience of the parties concerned. Similarly, parties claiming to have past experience by virtue of being a sub-contractor, while executing particular works in the past, shall also have to produce documentary evidence of their role and scope of work in the aforesaid sub-contract, which only shall be counted for the purpose of assessing experience of the parties concerned.

Authenticated documentary evidence in support of qualifying requirements, as mentioned under Clause 6 above, shall be submitted in Techno-Commercial Bids. For qualifying requirements specified at Clause 6 above, the documents should be in the form of Certificate of Client/ Owner/ Developer. Bids submitted without fulfilling the qualifying requirements shall be outright rejected.

Notwithstanding above, NEEPCO shall have the right to seek any other information / testimonies, as may be required and non-submission / refusal to submit these shall result in disqualification.

- 6.6** All the Bidders shall enter into an Integrity Pact with the Owner at the time of submission of Techno-Commercial Bids. For this, the Owner has appointed the following two persons, who each shall act as an Independent External Monitor (IEM) for overseeing the compliance of obligations by the parties under the Integrity Pact. The Contact addresses of IEMs are as under:

- (i) Shri S. Manoharan, IAS (Retd.)

“Raagamaalika” House New No.-4 (Old No.-14)

Thirumurugan Street,
Kalakshetra Colony, Besant Nagar,
Chennai-600 090.

Mobile No.: +91-8754483098

- (ii) Sri Ardhendu Sen, IAS (Retd.)
House No. J-1229, Palam Vihar,
Gurgaon-122017, Haryana,
Mobile No.: +91-8800633366

7. Interested Bidders, who fulfil the qualifying requirements as mentioned under Clause 6 above, may download the Bid Document from <https://etenders.gov.in> on Bidder registration in the portal.
8. **Conditions for Micro & Small Enterprises (MSEs):**
- 8.1 The bidders participating as Micro & Small Enterprises (MSEs) shall submit an Undertaking in the prescribed format given in Form-G, Part-7 of Bid Document declaring the status of their firm under the provisions of Micro and Small Enterprises along with a copy of the document/ certificate issued by any of the Authority mentioned below:
- District Industries Centers
 - Khadi and Village Industries Commission
 - Khadi and Village Industries Board
 - Coir Board
 - National Small Industries Corporation (NSIC)
 - Directorate of Handicrafts and Handloom
 - MSEs having under Udyog Aadhaar Memorandum
 - Any other Body specified by Ministry of Micro, Small and Medium Enterprises.
- 8.2 The registration certificate submitted by MSEs issued from any one of the above agencies must be valid as on close date of the tender. The successful bidder should ensure that the same is valid till the end of the contract period. The MSEs who have applied for registration or renewal of registration with any of the above agencies/bodies, but have not obtained the valid certificate as on close date of the tender, are not eligible for exemption/preference.
- 8.3 The MSEs bidder/ entrepreneurs claiming to belong to Scheduled Caste (SC) or Scheduled Tribe (ST) category, shall furnish necessary SC/ST certificate issued by Competent Authority in support of their cast/tribe in addition to certificate of registration with any one of the agencies mentioned above at Clause 8.2. MSE owned by SC/ST shall satisfy any of the following:
- In case of proprietary MSE, proprietor(s) shall be SC /ST.
 - In case of partnership MSE, the SC/ST partners shall be holding at least 51% shares in the enterprise.
 - In case of Private Limited Companies, at least 51% share shall be held by SC/ST promoters.
- 8.4 The MSEs registered with above mentioned agencies/bodies are exempted from payment of BID FEES and EARNEST MONEY DEPOSIT (EMD). In addition, MSE bidders shall get some other preferences as detailed in Clause 23.3.3, Part-3 of Bid Document.
- 8.5 In consideration of significant magnitude of work having estimated cost of INR 1980.3761 Million, which is of specialised nature involving public safety, no relaxation eligible to Startups and Micro &



Small Enterprises (MSEs) on Prior Experience & Prior Turnover Criteria shall be applicable in this tender.

9.0 Conditions for Local suppliers per per Public Procurement (Preference to Make in India), Order 2017 vide notification No. P-45021/2/2017-PP (BE-II) dated 29.05.2019 (latest version) of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade, Government of India shall be as per Clause 3(vi), Part-3 of Bid Document.

10. The detailed scope of works and other terms and conditions are elaborated in the bid document. For any clarification related to terms and conditions of Bid Document, bidders are requested to send their queries online at <https://etenders.gov.in> under "Seek Clarifications" within the timeline stipulated in the system.

Alternatively, the bidders may also forward e-mail clearly stating their queries to tendering authority at e-mail id contract_neepco@yahoo.com. Bidders may contact in regard to the instant NIB at 0364-2308491 / 2308503.

11. Participation in Bids

11.1 Registration for Participation in Bids

- Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://etenders.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- Bidder can then log in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

Bidders are requested to get themselves enrolled on the e-Procurement Portal (URL: <https://etenders.gov.in/eprocure/app>) well in advance and no extra time will be considered for submission of bids for the delay in enrolling on the e-Procurement portal.

For Registration and other e-procurement portal related queries, bidders may contact NIC at

- Mr. Akash Thadani
Database Administrator,
National Informatics Centre, Meghalaya State Centre, Shillong
Mobile No. 08787522181
Email Id: akashthadani1@gmail.com

11.2 Bid Fee:

Bidders shall have to pay BID FEE (non-refundable) of INR 23,600.00 (Rupees twenty three thousand six hundred only) including 18% GST only for participation in this instant NIB. Applicable bank charges shall be borne by the bidder.

The bidder shall make the payment to NEEPCO through SB Collect or NEFT/RTGS. Bidders shall clearly indicate the NIB No. against which the bid fee is paid.

Particulars of NEEPCO bank account is given below.

- Name of the Bank: SBI, Main Branch, Shillong, Meghalaya, India



- b) Name of Beneficiary's Account: North Eastern Electric Power Corporation Ltd.
c) Bank A/c No: 10881522463
d) Type of A/c: Cash Credit A/c
e) IFS Code: SBIN0000181

The bidders preferring to make the payment through "SB-COLLECT" of State Bank of India shall follow the steps given at Clause 11.3 below. The system generated receipt shall also be uploaded while submitting the bid in the e-tendering portal as per bid document and also indicate their GSTIN, SAC Code 9984 and NEEPCO Shillong GST NO. 17AAACN9991J1ZT.

11.3 The procedure/steps for payment by SB-COLLECT of State Bank of India (for payment of EMD & Bid Fee):

Procedure for payment of Bid fee:

The bidder shall make the payment through "SB-Collect" of State Bank of India as per procedures/steps elaborated as below. The system generated receipt shall also be uploaded while submitting the bid in the e-tendering portal as per bid document.

- **The procedure/steps to be followed for payment of BID FEE, EMD etc. by SB-COLLECT of State Bank of India:**

Step-1	The bidder shall visit url/web page https://www.onlinesbi.com/prelogin/institutiontypedisplay.htm on any internet browser.
Step-2	State Bank Collect page will appear. Select "ALL India" for "State of Corporate/Institution". Select "PSU" for "Type of Corporate/Institution". Click "GO".
Step-3	In the new screen, select PSU Name as "North Eastern Electric Power Corporation Limited" and Submit.
STEP-4	In the new screen, select Payment Category as "SHILLONG- PARTIES" in this case.
STEP-5	New Screen will appear, here the bidder has to fill all the required information for the payment as under: i) Under Name of Payer : The Bidder is to filled up his Company/ Firm Name and Address. ii) Under Short Details of Payment : The Bidder shall indicate BID FEE or EMD as applicable and the NIB No. (Example: for payment of EMD against NIB No. XX dated DDMMYYYY, the bidder has to fill under this option as "EMD for NIB No. XX dated DDMMYYYY). iii) Under Type of PAYER : The Bidder is to select VENDOR. iv) Under CIN in case the Payer is a company : The bidder is to fill up his CIN in case of a company, otherwise may be kept blank. v) Under Payment amount : The bidders is to fill up the amount as per Bid Condition. vi) Subsequent information for Name, Date of Birth/Incorporation, Mobile Numbers are to be filled as required. vii) Fill Captcha.

	viii) Then Submit.
STEP-6	In the new screen, check the details and click " CONFIRM ", if correct.
STEP-7	The Multi Option Payment System will be available for making the payment. The Bidder may select option as per convenient and make the payment.
STEP-8	After successful payment, the system will generate receipt. The receipts may also be generated from Reports - i.e. SB Collect (Request Report/ Download Report). This system generated receipt shall be downloaded and send it to Chief General Manager (C), i/c Contracts & Procurement Department, NEEPCO Ltd., Lower New Colony, Shillong, Meghalaya, India-793003, at e-mail ID: contract_neepco@yahoo.com . The system generated receipt shall be uploaded while submitting the bid in the e-tendering portal and also submit in offline mode as per bid document.

12. Submission and Opening of Bids

12.1 Bidders shall prepare and submit their bids online in <https://etenders.gov.in> as per timeline mentioned in Clause 14 below. Submission of online bids is mandatory for consideration of the bids by NEEPCO.

Besides online submission, the following documents are required to be compulsorily submitted physically (offline mode) as stipulated at Clause 10.1(iv), Part-3 (ITB) of Bid Document:

- Earnest Money Deposit (EMD) in the form of Bank Guarantee or e-receipt of money paid through SB-COLLECT of State Bank of India/ NEFT/RTGS, in original, as provided at Clause 15, Part-3 of Bid Document;
- Power of Attorney (as per format provided at Form-D, Part-7 of Bid Document), in original.
- INTEGRITY PACT (two original copies of Integrity Pact duly signed by authorized signatory who signs the Bid) in the format enclosed at Appendix-A of Part-3.

These above mentioned documents shall be submitted by hand or by registered Post/ Courier in a sealed envelope superscripted as "**Hard Copy of documents against NIB No 353 Dated 23-04-2010 for the work of Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstocks and In-Liners in Umrong System of Kopili Hydro Electric Project (275 MW), Assam**" at the following address within the scheduled date and time mentioned under Clause 14 below.

The Chief General Manager (C),
i/c Contracts & Procurement,
North Eastern Electric Power Corporation Ltd.,
Brookland Compound, Lower New Colony,
Shillong – 793 003, Meghalaya, India.
Tel: 0364-2227784, E-mail: contract_neepco@yahoo.com

13. **Bid validity:** 180 (one hundred eighty) days from the date of opening of Techno-Commercial Bids.

14. Tender timeline:

a)	Date of commencement of downloading of Bid Document from https://etenders.gov.in	23-04-2020
b)	End date and time for downloading of Bid Document	Upto 14:00 Hours of 21-05-2020
c)	Last date & time of receipt of queries from prospective bidders	Upto 14:00 Hours of 04-05-2020

Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstocks & Steel In-Liner in Umrong System of KHEP (275 MW), Assam



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Bid Document
Part-1: Short & Detail NIB

d)	Last date & time for submission of online bids	Upto 14:00 Hours of 21-05-2020
e)	Last date & time for receipt of offline documents to be submitted as per bid conditions	Upto 14:00 Hours of 28-05-2020
f)	Date & time for opening of Techno-Commercial bids online	At 14:00 Hours on 22-05-2020
g)	Date & time for opening of Price bids online	Date & time shall be intimated separately to those Techno-Commercially qualified bidders, who qualify in Techno-Commercial evaluation.

In the event the last date specified for submission of offline documents and date of online opening of Techno-Commercial bids is declared as a closed holiday for NEEPCO, the last date for submission of offline documents and date of online opening of Techno-Commercial bids will be the following working day at the appointed times.

15. Bidders are requested to visit <https://etenders.gov.in> and NEEPCO website www.neepco.co.in, regularly for any subsequent notice of Clarification/Amendment/Corrigendum to this Notice Inviting Bid.
16. Submission of bids shall not automatically construe qualification for evaluation. NEEPCO reserves the right to reject any or all bids, or to annul the bidding process and reject all the bids for any justified and genuine grounds without thereby incurring any liability to the affected bidders, nor does it have any obligation to inform the bidders of the ground for the action of NEEPCO.

(S. Goswami)
Chief General Manager (C),
i/c Contracts & Procurement