

**WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED**

(A Govt of West Bengal Enterprise)

CHIEF ENGINEER: (O&M) – I, VIDYUT BHAVAN

NOTICE INVITING TENDERS

For

**CONSTRUCTION OF 04 NOS. 33KV FEEDER BAY AT BERHAMPORE 132 KV  
SUB STATION AND ALLIED WORK ON TURN KEY BASIS.**

**[Domestic Competitive Bidding]**

1. ***West Bengal State Electricity Transmission Company Limited (WBSETCL)*** invites bids from the eligible bidders on turnkey basis through Domestic Competitive Bidding for design, engineering, civil construction, supply & delivery, erection, testing and commissioning including transportation & insurance, storage in respect of “Re-configuration of 132KV Network at Dhulian 132 KV Sub Station to establish D/C connectivity of Dhulian 132 KV Sub Station with Raghunathganj & Khejuria 132KV Sub Stations and Augmentation of 132/33KV Transformer Capacity from (2x31.5)MVA to (3x31.5)MVA and allied work on Turn Key basis & Construction of 02 (Two) nos. 33KV Feeder Bay at Dhulian 132 KV Sub Station and allied work on Turn Key basis” against NIT No. **CE/ (O&M) – I/DHULIAN/ 2018-19/50, DATED 05.03.2019**

Interested Bidder may download the Bid documents from **05.03.2019 from 06.00 P.M. and Bids shall be submitted online up to 3.00 P.M. on 03.04.2019.**

**WBSETCL** shall execute the Project as deposit work of **WBSEDCL**.

Intending bidder may download the tender documents from the website <http://etender.wb.nic.in> OR [wbtenders.gov.in](http://wbtenders.gov.in) directly with the help of Digital Signature Certificate. Necessary cost of bidding documents (non refundable) may be remitted through Demand Draft / Pay Order/ Banker’s Cheque issued from any scheduled bank in favour of “**WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED**” payable at **Kolkata** and also to be documented along with the bid and submitted online. The original Demand Draft / Pay Order against tender fees should be submitted physically to the Office of Chief Engineer: (O&M) - I, D- Block, 10<sup>th</sup> Floor, **WBSETCL**, Bidyut Bhawan on or before **04.04.2019 up to 01.00 P.M.**

DETAILED NOTICE INVITING TENDER

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For

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SUB STATION AND ALLIED WORK ON TURN KEY BASIS.**

**[Domestic Competitive Bidding]**

**NIT No: CE/ (O&M) – I/DHULIAN/ 2018-19/50, DATED 05.03.2019**

1. *West Bengal State Electricity Transmission Company Limited (WBSETCL)* invites bids from the eligible bidders on turnkey basis through Domestic Competitive Bidding for design, engineering, civil construction, supply & delivery, erection, testing and commissioning including transportation & insurance, storage in respect of “Re-configuration of 132KV Network at Dhulian 132 KV Sub Station to establish D/C connectivity of Dhulian 132 KV Sub Station with Raghunathganj & Khejuria 132KV Sub Stations and Augmentation of 132/33KV Transformer Capacity from (2x31.5)MVA to (3x31.5)MVA and allied work on Turn Key basis & Construction of 02 (Two) nos. 33KV Feeder Bay at Dhulian 132 KV Sub Station and allied work on Turn Key basis” against NIT No **CE/ (O&M) – I/DHULIAN/ 2018-19/50, DATED 05.03.2019**
2. **SCOPE OF WORK** : The work covered under this tender shall be but not limited to the following:-

**A) SUPPLY:-**

Supply and delivery of all outdoor and indoor equipments with associated structures, connectors, hardware fitting, conductors, bus pipes, etc. conforming to Technical Specification and approved drawings for Re-configuration of 132KV Network at Dhulian 132 KV Sub Station to establish D/C connectivity of Dhulian 132 KV Sub Station with Raghunathganj & Khejuria 132KV Sub Stations and Augmentation of 132/33KV Transformer Capacity from (2x31.5)MVA to (3x31.5)MVA and allied work on Turn Key basis & Construction of 02 (Two) nos. 33KV Feeder Bay at Dhulian 132 KV Sub Station and allied work on Turn Key basis.

**B) ERECTION:-**

The scope includes the following but not limited to:

- Civil Foundation: All the civil foundation works of equipments/Structures/tower including Cable trenches conforming to Technical Specification and approved drawings.
  - Equipment: Erection of equipment with associated structures, necessary connections through drawal of pipe bus/conductors complete as per requirement for successful commissioning of the Re-configuration of 132KV Network at Dhulian 132 KV Sub Station to establish D/C connectivity of Dhulian 132 KV Sub Station with Raghunathganj & Khejuria 132KV Sub Stations and Augmentation of 132/33KV Transformer Capacity from (2x31.5)MVA to (3x31.5)MVA and allied work on Turn Key basis & Construction of 02 (Two) nos. 33KV Feeder Bay at Dhulian 132 KV Sub Station and allied work on Turn Key basis as per Technical Specification and approved drawings.
  - Earthing: All works related to extension of earth – mat wherever necessary as per BOQ, proper earthing of all equipment and structures along with treated and untreated earth pit including auxiliary earth mat for Isolators, wherever necessary etc. as per Technical Specification and approved drawings.
  - Crushed Stone: Spreading of 100 mm. thick washed Crushed Stone over switch yard surface at GSS end over a layer of 75 mm thick 1:5:10 cement, sand, jhama khoa/ crushed stone.
3. Estimated Cost for the Project: - **Rs. 716.50 Lac (Rupees Seven Crore Sixteen Lakh Fifty Thousand) only.**
  4. **WBSETCL** shall execute the Project as deposit work of **WBSEDCL**.
  5. Detailed Specification, scope of supply and terms and conditions of supply are given in the bidding documents, which are available at the online e-tendering portal <https://wbenders.gov.in> / or <https://etender.wb.nic.in> as per the following schedule:

Sl. No.	Particulars	Date & Time
1	Bidding document No	<b>CE/ (O&amp;M) – I/DHULIAN/ 2018-19/50, DATED 05.03.2019</b>
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	05.03.2019
3	Documents download/sell start date (Online)	05.03.2019 from 06.00 P.M.
4	Documents download/sell end date (Online)	03.04.2019 up to 03.00 P.M.
5	Start date of hard copy submission/ on line submission of clarification/pre-bid queries/ proposed modifications/additional information (if any)	06.03.2019 from 11.00 A.M.
6	Closing date of hard copy submission/ on line submission of clarification/pre-bid queries/ proposed modifications / additional information	12.03.2019 up to 01.00 P.M.

	(if any)	
7	Pre-bid meeting to be held at Office of the Chief Engineer: (O&M) – I, 10 <sup>th</sup> Floor, D-Block Bidyut Bhawan.	14.03.2019 at 03.30 P.M.
8	Bid submission start date (On line)	18.03.2019 from 09:00 A.M.
9	Bid Submission closing (On line)	03.04.2019 up to 03.00 P.M.
10	Last Date of submission of original copies for the cost of Bidding Documents and Earnest Money Deposit (Off line)	04.04.2019 up to 01.00 P.M.
11	Last date of submission of the legally enforceable documents as mentioned in General guidelines for e-tendering in sealed envelope.	04.04.2019 up to 01:00 P.M.
12	Bid opening date for Technical Proposals (Online)	05.04.2019 from 03.00 P.M.
13	Date of uploading list for Technically Qualified Bidder(online)	Will be uploaded after completion of the techno-commercial evaluation.
14	Date for opening of Financial Proposal (Online)	Will be published in due course.
15	Cost of Bidding Document	<b>Rs 5000/- + Rs. 900/- GST @18% = Rs. 5,900/- (Rupees Five Thousand and Nine Hundred Only). SAC Code - 999799</b>
16	Completion Time	<b>270 days</b> from the date of placement of LOA.

6. A complete set of bidding documents may be downloaded by any interested bidder. Cost of the Bidding document (non-refundable) as mentioned above in the form of a Demand Draft/Pay Order/Banker's Cheque drawn in favour of **“WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED”** from any scheduled bank payable at Kolkata shall have to be deposited physically at the office the Chief Engineer: (O&M) - I, D- Block, 10<sup>th</sup> Floor, WBSETCL, Bidyut Bhawan on or before **09.03.2019 up to 01.00 P.M.**
7. Downloading the bidding documents shall not automatically construe that the bidder fulfils the Qualifying Requirements which shall be determined during bid evaluation based on data/documents uploaded by the bidder
8. All bids must be accompanied by bid security for an amount of **Rs 7.17 Lac [Rupees Seven Lac Seventeen Thousand only]** in the form of Demand Draft /Pay order /banker's Cheque/ Bank Guarantee and shall remain valid for a period of 240 days from the date of opening of Bids with a claim period of another 90 days thereafter. Bidders

must submit the Bid security physically within the stipulated date as above at the office of the Chief Engineer: (O&M) – I, 10<sup>th</sup> Floor, D-Block, Bidyut Bhawan and also to be documented along with the bid and submitted online. Non submission of the acceptable bid security along with prescribed cost of bidding documents as specified here, in a sealed cover or submission of bid security and cost of bidding document of inadequate value shall be rejected by the WBSETCL and in such cases bids shall be considered as non responsive.

**For preparation of BG the Bank details of WBSETCL is given below:**

**CANARA BANK**

**SECTOR III SALT LAKE CITY KOLAKATA 700091**

**ACCOUNT NO: 2549201000230**

**IFSC CODE CNRB0002549**

9. Non submission of the acceptable bid security along with prescribed cost of bidding documents as specified here, in a sealed cover or submission of bid security and cost of bidding document of inadequate value shall be rejected by the WBSETCL and in such cases bids shall be considered as non responsive.

10. Qualifying Requirement for bidders:

In addition to the requirements stipulated under Section, Instruction to Bidders (ITB), the following shall also apply:

The Bidder must have to meet the following conditions:

**Financial Capability:**

- i) The **Minimum Average Annual Turnover (MAAT)** of the Bidder for the best 3 (three) years out of the last 5 (five) financial years for which the audited accounts are available shall not be less than **Rs. 1075.00Lac.**
- ii) **Net worth** at the end of last financial year shall be **positive.**
- iii) Bidder shall have **Liquid Asset (L.A.)** and/ or evidence of access to or availability of credit facilities of equivalent amount not less than **Rs. 179.00 Lac.**

**Technical Capability and Experience:**

The Bidder, who intends to participate in the Bid, shall have to comply the following criteria:

The intending Bidder shall have to comply the following criteria:

**A.**

- i) The Bidder should have successfully executed laying of at least 1.00 KM of Single core 132 KV or higher voltage class underground XLPE cable in a single contract with complete survey, engineering, laying & erection of XLPE cable and accessories including testing and commissioning under any power utility in India within last 5 (Five) years which must be in successful operation for at least one year as on date of NIT (to be supported by certificate stating successful completion and satisfactory performance certificate and Taking over Certificate[TOC] of the relevant contract executed).

AND

ii) The Bidder may engage separate Erection Contractor having experience of successful execution of at least 01 (one) no. 132/33 KV or Higher Voltage Class Transformer bay, at least 01 (one) no. 132 KV or Higher Voltage Class Feeder bay and at least 01 (one) no. 33 KV or Higher Voltage Class Feeder bay in a running/new Sub Station during last 5 (five) years as on the date of NIT with or without supply of equipments/materials, but including civil and electrical erection work and installation, testing and commissioning of bays. Such work must be in successful operation for not less than one year in any Indian Power utility as on the date of NIT (to be supported by certificate stating successful completion and satisfactory performance certificate and Taking over Certificate[TOC] of the relevant contract executed)

OR

**B.**

i) The Bidders must have experience of successful execution of at least 01 (one) no. 132/33 KV or Higher Voltage Class Transformer bay, at least 01 (one) no. 132 KV or Higher Voltage Class Feeder bay and at least 01 (one) no. 33 KV or Higher Voltage Class Feeder bay in a running/new Sub Station during last 5 (five) years as on the date of NIT with or without supply of equipments/materials, but including civil and electrical erection work and installation, testing and commissioning of bays. Such work must be in successful operation for not less than one year in any Indian Power utility as on the date of NIT (to be supported by certificate stating successful completion and satisfactory performance certificate and Taking over Certificate[TOC] of the relevant contract executed).

AND

ii) The Bidder may engage separate Erection Contractor having experience of successful execution of laying of at least 1.00 KM of Single core 132 KV or higher voltage class underground XLPE cable in a single contract with complete survey, engineering, laying & erection of XLPE cable and accessories including testing and commissioning under any power utility in India within last 5 (Five) years which must be in successful operation for at least one year as on date of NIT (to be supported by certificate stating successful completion and satisfactory performance certificate and Taking over Certificate[TOC] of the relevant contract executed)

Intending bidder should meet at least one of the above essential Technical QR i.e. A. OR B. to make them eligible for participation in the Tender. However, for other criteria they have to engage agency who are meeting the required criteria other than that are not met by them. To that effect they have to deposit the consent letter from the other agency on their Letterhead under their seal and authorised signature alongwith the documents fulfilling the eligibility criteria.

In addition to above:

1. The bidder shall be a manufacturer of Single core 132 KV or higher voltage class XLPE Cable who must have designed, manufactured, type tested and supplied at least 0.75 K.M. of 132 KV or higher voltage class single core XLPE Cable in any Indian Power Utility. The same Cable should have been in successful operation for at least 1 (one) year in any Indian Power Utility. (To be supported by certificate stating successful completion and satisfactory performance certificate and Taking over Certificate [TOC] of the relevant contract executed).

OR

The Bidder shall procure cables from approved manufacturer of WBSETCL having manufacturing capability of 132 KV or higher voltage class XLPE Cable who must have designed, manufactured, type tested and supplied at least 1.00 K.M. of Single core 132 KV or higher voltage class single core XLPE Cable in any Indian Power Utility. The same Cable should have been in successful operation for at least 1 (one) year in any Indian Power Utility. (To be supported by certificate stating successful completion and satisfactory performance certificate and Taking over Certificate [TOC] of the relevant contract executed).

2. The Bidder may engage separate Erection Contractor having experience of successful execution of at least one contract independently on turnkey basis for Overhead EHV line of 132 KV or higher voltage class having a route length not less than 0.6 Km during last 5 years with survey, engineering and construction with or without supply of tower materials, insulators, hardware and accessories, conductor and earth wire, erection, stringing, testing and commissioning of the line. The bidder shall furnish satisfactory completion certificate from the concerned authority (to be supported by Taking over Certificate). The Erection Contractor should have its own engineering facility and experience for 132 KV or higher voltage class lines.
3. If the Bidder has no manufacturing capability for galvanised fabricated member for towers of their own, they shall undertake to procure the same from the vendors for such items duly taking approval from WBSETCL.
4. The Bidder shall procure Cable jointing material & Cable termination Kits and other required accessories from manufacturers or its authorized agent whose products have been used in Indian power utilities and are in successful operation for at least one year as on the date of NIT.
5. The Bidder shall procure relevant type of OPGW and other accessories from eligible reputed manufacturer or its authorized agent who have manufactured and supplied minimum 0.5 KM of OPGW during last 5 (Five) years in Indian power utilities from the date of NIT.
6. The Bidder shall procure relevant type of OFC and other accessories from eligible reputed manufacturer or its authorized agent who have manufactured and supplied minimum 0.5 KM of fiber optic cable during last 5 (Five) years in Indian power utilities from the date of NIT.

**The Bidder shall upload valid and authenticated documents in support of their or/and their proposed agencies eligibility and technical qualification as required above.**

**Personnel Capability:**

The bidder must have full-fledged set up for executing similar projects in power utility. Details of execution set up to be deployed by the bidder shall be furnished in their offer.

Project Management team shall be headed by a Project Manager who shall have at least 2(two) years experience in execution of such contract of comparable nature. He shall be stationed at work site.

**Other requirement:**

Bids may be submitted by a Registered Company that on its own meets all the qualifications, experience and requirements set forth in bidding document. Bidder shall also satisfy the following conditions:

- a) They shall possess a valid electrical contractor's license issued under the Act.
  - b) All equipment offered for this tender shall be Type Tested and they should procure the equipments/materials from approved maker's list of WBSETCL.
  - c) The "Must Conditions" to be met by the bidder have been further elaborated in the NIT. Bidders shall upload scanned copies of valid and authenticated documentation in support of his capability/experience/requirement and qualification.
11. Completion period for the project is **270 (two hundred and seventy) days** from the date of placement of LOA.
  12. The tender consist of 4 (four) Price Schedules, two price schedules relating to Supply of equipment and materials etc. and two price schedules relates to corresponding erection of materials/ equipment etc. at the said locations. Bidders are advised to offer their price for all the sixteen schedules. In case any of the price schedules is left blank it will be considered that the bidder shall execute the total work as per total price offered for the other price schedules taken together.
  13. WBSETCL reserves the right to accept or reject any bid partly or fully or cancel the bidding without assigning any reasons thereof and in such case no bidder/ intending bidder shall have any claim arising out of such action.
  14. The bidder may mail their Pre – Bid quarries to the following E-mail within the scheduled date as mentioned above.
  15. **Technical Specification:** - All the Technical Specifications are available at the website of WBSETCL i.e. [www.wbsetcl.in](http://www.wbsetcl.in). The Bidders are requested to download the same from the aforesaid website and the same should be followed.
  16. **Approved Maker's List of WBSETCL:** - Approved Maker's List of WBSETCL are available at the website of WBSETCL i.e. [www.wbsetcl.in](http://www.wbsetcl.in). The Bidders are requested to download the same from the aforesaid website and the same should be followed.
  17. **Drawings of different Structures & Foundations:** - Drawings of different Structures & Foundations are available at the website of WBSETCL i.e. [www.wbsetcl.in](http://www.wbsetcl.in). The Bidders are requested to download the same from the aforesaid website, but the same is for Tender purpose only.
  18. **The quantity as shown in the BoQ is a tentative one. The same may vary during actual execution and the payment will be made as per actual execution.**
  19. **ADDRESS FOR COMMUNICATION**

The Chief Engineer: (O&M) - I,  
West Bengal State Electricity Transmission Company Limited,



10<sup>th</sup> Floor, "D" Block,  
Block -DJ, Bidyut Bhavan,  
Sector -II, Salt Lake City,  
Kolkata -700091.

Fax : 91-33-2359-1892  
Telephone : 91-33-2359-1895  
E-mail : [cetr1955@gmail.com](mailto:cetr1955@gmail.com)  
Website : [www.wbsetcl.in](http://www.wbsetcl.in)