

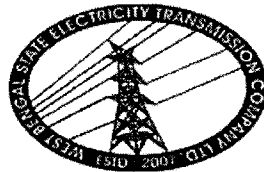
# WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

Tender Document  
FOR

**CONSTRUCTION OF 02 NOS. 132 KV FEEDER BAY, 02 NOS. 132/33 KV  
TRANSFORMERS BAYS AND INCORPORATION OF 33 KV SYSTEM IN BIRPARA  
132/ 66 /11 KV SUB-STATION AND ALLIED WORK ON TURN KEY BASIS**

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**NI e-T No. CECON/2015-16/29     DTD. 20/01/2016**



**WBSETCL**

**CHIEF ENGINEER (O & M) CONSTRUCTION  
WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED  
VIDYUT BHAVAN  
10TH.Floor 'D' BLOCK  
SALT LAKE CITY, KOLKATA - 700 091**

These documents are meant for the exclusive purpose of bidding against this NIT and shall not be transferred, reproduced or otherwise used for purposes other than that for which they are specifically issued.

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*Birpara Sub Station*

**SECTION - I**

**DETAILED NOTICE INVITING TENDER**

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED  
(A Govt. of West Bengal Enterprise)

OFFICE OF THE CHIEF ENGINEER (O&M) CONSTRUCTION  
BIDYUT BHAWAN (10<sup>TH</sup> FLOOR), DJ-BLOCK, SECTOR-II  
SALT LAKE CITY, KOLKATA-700 091

**NOTICE INVITING TENDER  
FOR**

**CONSTRUCTION OF 02 NOS. 132 KV FEEDER BAY, 02 NOS. 132/33 KV  
TRANSFORMERS BAYS AND INCORPORATION OF 33 KV SYSTEM IN  
BIRPARA 132/ 66 /11 KV SUB-STATION AND ALLIED WORK ON TURN KEY  
BASIS**

**(Domestic competitive bidding)**

Notice Inviting e-Tender No. **CECON/2015-16/29** Dated **20/01/2016**

- 1.0 **West Bengal State Electricity Transmission Company Limited** herein referred to as **WBSETCL** invites e-tender (Submission of Bid through **online**) through local competitive bidding (LCB) from eligible bidders for Engineering as required, civil construction, supply & delivery, erection and commissioning including transportation & insurance, storage in respect of the following work:-

CONSTRUCTION OF 02 NOS. 132 KV FEEDER BAY, 02 NOS. 132/33 KV TRANSFORMERS BAYS AND INCORPORATION OF 33 KV SYSTEM IN BIRPARA 132/ 66 /11 KV SUB-STATION AND ALLIED WORK ON TURN KEY BASIS.

- 2.0 **SCOPE OF WORK** : The work covered under this tender shall be but not limited to the following:-

A) **SUPPLY:-**

Supply & delivery of all Sub-Stations structures including equipment structures, associated indoor and outdoor equipment, earthing materials, Fire Fighting System, A.C. System connectors, hardware fitting, conductors, bus pipes, PLCC Materials etc. conforming to Technical Specification, BOQ and approved drawings for successful commissioning 02 Nos. 132 KV Feeder Bay, 02 Nos. 132/33 KV Transformers Bays and incorporation of 33 KV System in Birpara 132/ 66 /11 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 equipment, Structures, Tower, Control Room Buildings, Utility Building, Sump Pump House etc. as applicable as furnished in the BOQ and other civil works including Cable trenches conforming to Technical Specification and approved drawings.
- Equipment: Erection of equipment with associated structures, necessary connections through drawl of pipe bus/conductors complete along with erection and commissioning of Sub Station in all respects including Power Line Carrier Communication through 132 KV lines as per requirement for successful commissioning of 02 Nos. 132 KV Feeder Bay, 02 Nos. 132/33 KV Transformers Bays and incorporation of 33 KV System in Birpara 132/ 66 /11 KV Sub-Station and allied work on Turn Key basis as per Technical Specification and approved drawings.
- Earthing of Switchyard: Design and laying of earth mat including auxiliary earth mat for Isolators. All works related to proper earthing of all equipment and structures along with treated and non-treated earth pit, wherever necessary etc. as per Technical Specification and approved drawings.
- Design: Design and construction of storm water drainage system and sewerage disposal system with sump pump and pump house, oil soak pit and drain pits below transformer foundation, Fire Fighting & Fire Protection System complete for total sub-station as per BOQ, approved drawing & Technical Specification

3.0 Estimated Cost for the Project: - **Rs. 918.00 Lac (Rupees Nine Crores Eighteen Lac) only including all Taxes & Duties, Service Tax.**

4.0 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://wbtenders.gov.in> / or <https://etender.wb.nic.in> as per the following schedule:

Sl. No.	Particulars	Date & Time
01.	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	20.01.2016
02.	Documents download/sell start date (Online)	21.01.2016 09:00 A.M.
03.	Last Date of uploading of Pre Bid Quarries	29.01.2016 03:00 P.M.
04.	Pre Bid Meeting	04.02.2016 03:00 P.M.

05.	Bid submission start date (On line)	10.02.2016 09:00 A.M
06.	Bid Submission closing (On line)	24.02.2016 03:00 P.M.
07.	Last Date of submission of original copies for the cost of Tender Documents and cost of Earnest Money Deposit (Off line)	25.02.2016 01:00 P.M.
08.	Bid opening date for Technical Proposals (Online)	26.02.2016 11:00 A.M
09.	Date of uploading list for Technically Qualified Bidder (online)	04.03.2016 03:00 P.M.
10.	Date for opening of Financial Proposal (Online)	To be intimated later
11.	Completion Time	<b>365 days</b> from the date of placement of LOA.

- 5.0 In the event of e-filling, intending bidder may download the tender documents from the website <http://wbtenders.gov.in>, <https://etender.wb.nic.in> directly with the help of Digital Signature Certificate. Necessary cost of tender documents (tender fees) amounting to **Rs. 5,000/- (Rupees five thousand) only** may be remitted through Bank Draft / Pay Order issued from any scheduled bank in favour of the “**West Bengal State Electricity Transmission Company Limited**”, payable at Kolkata and a scanned copy of the same to be uploaded. Necessary Earnest Money (EMD) may be remitted through Bank Draft / Pay Order/Banker’s cheque issued from any scheduled bank in favour of the “**West Bengal State Electricity Transmission Company Limited**”, payable at Kolkata or Bank Guarantee from any scheduled Bank and also to be documented through e-filling. The original Bank Draft / Pay Order against tender fees and the original Bank Draft / Pay Order / Bank Guarantee against Earnest Money Deposit (EMD)(As statutory documents) should be submitted physically (Offline) to the Office of The Chief Engineer (O&M) Construction, WBSETCL under sealed cover on or before the scheduled date & time as specified above.
- 6.0 All bids must be supported by **bid security (EMD)** for an amount of **9.20 Lac (Rupees Nine Lac and Twenty Thousand only)** in the form of Demand Draft /pay order /Banker’s cheque drawn in favour of “**West Bengal State Electricity Transmission Company Limited**” from any scheduled commercial bank, payable at Kolkata, or a Bank Guarantee from any scheduled commercial bank favouring WBSETCL which shall remain valid for a period of two hundred and forty (240) days from the next day of techno-commercial bid opening date with a further claim period of ninety (90) days. Bid shall be rejected by the WBSETCL if the bidder fails to submit original Bank Guarantee /Demand Draft /Pay order against tender fees & Earnest Money Deposit (EMD) physically to the office of the Chief Engineer, (O&M) Construction Department, WBSETCL under sealed cover on or before the scheduled date & time as specified above.

## 7.0 QUALIFYING REQUIREMENT FOR BIDDERS:

The Bidder must have to meet the following conditions:

### A. 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. 1380.00 Lac.**
- 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. 230.00 Lac.**

### B. Technical Capability and Experience:

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

- i) The Bidders must have independently erected, tested and commissioned on supply cum erection basis at least one 132 KV or higher Voltage class Air Insulated/ Gas Insulated , full or part Sub Station Project having at least 1 (one) no. 132 KV or higher Voltage Class Feeder Bay along with 1( one) no. 132/33 KV or higher Voltage Class Power Transformer Bay with or without supply of Power Transformers under Turnkey contract under any Indian Power Utility within last 5 (five) calendar years from the final date of Bid Submission. Such installation should be in successful operation after commissioning for a period of at least 01 (one) year from the final date of Bid Submission.

*The above information is to be supported by certificate stating successful completion and satisfactory performance certificate and Taking over Certificate [TOC] of the relevant contract executed.*

- ii) The bidder should submit history of past supply, client's certificate in support of satisfactory operation of 132 KV or higher voltage Air Insulated/ Gas Insulated Sub Station meeting the criteria as mentioned in (i) above.

### C. Personnel Capability:

The bidder must have full-fledged set up and experience for executing similar Turnkey contracts in Power Transmission Sector. Proposed Engineering and Technical set up to be deployed during execution shall be furnished along with the bid.

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.

**D. 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.
- 8.0 Completion period for the project is **365 (three hundred and sixty five) days** from the date of placement of LOA.
- 9.0 The Material and Service Component for each item of the "Erection Schedule" should be correctly segregated by the vendor.
- 10.0 Constructional Labour Welfare CESS @ 1% (*one percent*) of cost of erection will be deducted from every Bill of the successful bidder.
- 11.0 WBSETCL reserves the right to accept or reject any bid partly or fully or cancel the bidding without assigning any reason thereof and in such case no bidder/ intending bidder shall have any claim arising out of such action.
- 12.0 The bidder may mailed their Pre – Bid queries to the following E-mail within the scheduled date as mentioned above.
- 13.0 **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.
- 14.0 **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.
- 15.0 **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.

## 16.0 ADDRESS FOR COMMUNICATION

The Chief Engineer (O&M) Construction,  
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 : 91-33-2359-1901  
Telephone : 91-33-2359-1901  
E-mail : [cecontcl@gmail.com](mailto:cecontcl@gmail.com)  
Website : [www.wbsetcl.in](http://www.wbsetcl.in)