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# WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

Tender Document  
FOR

**CONSTRUCTION OF 0.905 K.M. 132 KV DOUBLE CIRCUIT TRANSMISSION LINE  
FROM KHANYAN 132 KV SUB STATION TO BTPS - SATGACHIA 132 KV LINE TO  
ESTABLISH BTPS - KHANYAN 132 KV D/C AND SATGACHIA - KHANYAN 132 KV  
D/C CONNECTIVITY AND ALLIED WORK ON TURN KEY BASIS.**

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NI e-T No. CECON/2017-18/01     DTD. 17/04/2017



**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 NI e-T and shall not be transferred, reproduced or otherwise used for purposes other than that for which they are specifically issued.

**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 0.905 K.M. 132 KV DOUBLE CIRCUIT TRANSMISSION  
LINE FROM KHANYAN 132 KV SUB STATION TO BTPS - SATGACHIA 132 KV  
LINE TO ESTABLISH BTPS - KHANYAN 132 KV D/C AND SATGACHIA -  
KHANYAN 132 KV D/C CONNECTIVITY AND ALLIED WORK ON TURN KEY  
BASIS.**

**(Domestic competitive bidding)**

Notice Inviting e-Tender No. **CECON/2017-18/01** Dated **17/04/2017**

- 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 0.905 K.M. 132 KV DOUBLE CIRCUIT TRANSMISSION  
LINE FROM KHANYAN 132 KV SUB STATION TO BTPS - SATGACHIA 132 KV  
LINE TO ESTABLISH BTPS - KHANYAN 132 KV D/C AND SATGACHIA -  
KHANYAN 132 KV D/C CONNECTIVITY 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:-
- i) Check survey work including profiling, tower spotting etc. including detailed survey (if necessary).
  - ii) Fabrication, galvanizing and supply of 132 KV D/C Towers.
  - iii) Supply of conductor, insulators including all hard wares and accessories with other line materials as per technical specification & BOQ.
  - iv) Construction of foundation for 132 KV D/C Towers including protection work as necessary.
  - v) Erection of 132 KV D/C towers including fixing of insulator strings, stringing of conductor and earth-wire (GSW) along with all necessary tower and line materials and accessories including earthing of towers.
  - vi) Dismantling of existing 132 KV D/C Towers, Conductor, Disc Insulators, Hardware & accessories and hand over to the Store of WBSETCL as per instruction.

*KHANYAN 132 KV LINE*

vii) Testing, Commissioning and handing over of the line.

3.0 Estimated Cost for the Project:- **Rs. 100.00 Lac (Rupees One Crore) 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
1.	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	17.04.2017
2.	Documents download/sell start date (Online)	18.04.2017 09:00 A.M.
3.	Last Date of uploading of Pre Bid Quarries	24.04.2017 03:00 P.M.
4.	Pre Bid Meeting	28.04.2017 03:00 P.M.
5.	Bid submission start date (On line)	03.05.2017 09:00 A.M
6.	Bid Submission closing (On line)	17.05.2017 03:00 P.M.
7.	Last Date of submission of original copies for the cost of Tender Documents and cost of Earnest Money Deposit (Off line)	18.05.2017 01:00 P.M.
8.	Bid opening date for Technical Proposals (Online)	19.05.2017 03:00 P.M
9.	Date of uploading list for Technically Qualified Bidder(online)	24.05.2017 03:00 P.M.
10.	Date for opening of Financial Proposal (Online)	To be intimated later
11.	Completion Time	<b>270 days</b> from the date 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 **1.00 Lac (Rupees One Lac 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 final bid submission date i.e. bid deadline 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. 150.00 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. 25.00 Lac.**

### B. Technical Capability and Experience:

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

The Bidders must have experience of successful execution of at least **1.00 K.M. of 132 KV D/C Transmission Line or 2.00 K.M. of 132 KV S/C Transmission Line** in a single contract during the 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 and commissioning of Line. 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).*

In addition to above, if the bidder has no manufacturing capability for galvanized fabricated member for towers of their own, they shall undertake to procure the same from the vendors for such items from approved maker's list of WBSETCL.

**C. 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.

**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 **270 (two hundred and seventy) days** from the date of LOA.
- 9.0 Constructional Labour Welfare CESS @ 1% (*one percent*) of cost of erection will be deducted from every Bill of the successful bidder.
- 10.0 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.
- 11.0 The Material and Service Component for each item of "Erection Schedules" should be correctly segregated by the vendor.
- 12.0 The bidder must mail 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 and the same should be followed.
- 14.0 **Approved Maker's List of WBSETCL: -** Approved Maker's List of WBSETCL is 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.

**15.0 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.

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Website : [www.wbsetcl.in](http://www.wbsetcl.in)