

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

Tender Document FOR

**DIVERSION OF 132 KV BEHALA (JOKA) - GARDEN REACH 132 KV D/C
TRANSMISSION LINE NEAR BEHALA 132/33 KV SUB STATION BY D/C TOWER
INCLUDING BORED PILE FOUNDATION, ERECTION, STRINGING AND
COMMISSIONING OF 132 KV LINE AND ALLIED WORK TO FACILITATE THE
CONSTRUCTION WORK OF METRO CORRIDOR BETWEEN JOKA & B.B.D.
BAG BY RVNL ON TURN KEY BASIS.**

NI e-T No. CECON/2016-17/15 DTD. 17/02/2017



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 NIT 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 (10TH FLOOR), DJ-BLOCK, SECTOR-II
SALT LAKE CITY, KOLKATA-700 091

NOTICE INVITING TENDER
FOR

DIVERSION OF 132 KV BEHALA (JOKA) - GARDEN REACH 132 KV D/C TRANSMISSION LINE NEAR BEHALA 132/33 KV SUB STATION BY D/C TOWER INCLUDING BORED PILE FOUNDATION, ERECTION, STRINGING AND COMMISSIONING OF 132 KV LINE AND ALLIED WORK TO FACILITATE THE CONSTRUCTION WORK OF METRO CORRIDOR BETWEEN JOKA & B.B.D. BAG BY RVNL ON TURN KEY BASIS.

(Domestic competitive bidding)

Notice Inviting e-Tender No. **CECON/2016-17/15** Dated **17/02/2017**

- 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:-

DIVERSION OF 132 KV BEHALA (JOKA) - GARDEN REACH 132 KV D/C TRANSMISSION LINE NEAR BEHALA 132/33 KV SUB STATION BY D/C TOWER INCLUDING BORED PILE FOUNDATION, ERECTION, STRINGING AND COMMISSIONING OF 132 KV LINE AND ALLIED WORK TO FACILITATE THE CONSTRUCTION WORK OF METRO CORRIDOR BETWEEN JOKA & B.B.D. BAG BY RVNL 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.
- ii) Construction of Bored Pile foundation and Normal Foundation for 132 KV D/C Tower including protection work as necessary.
- iii) Fabrication, galvanizing and supply of 132 KV D/C Towers.
- iv) Supply of Conductor, Insulators, GSS Earthwire, Hardware Fittings including all materials, accessories and other line materials as per technical specification & BOQ.

- v) De – Stringing of Conductor, earth-wire (GSS) and Dismantling of existing 132 KV D/C Towers, Disc Insulators, Hardware & accessories and return the same to the Store of WBSETCL.
- vi) Erection of 132 KV D/C Towers including fixing of insulator strings, stringing of conductor and GSS Earth-wire along with all necessary tower and line materials and accessories including earthing and tack welding of towers.
- vii) Testing, commissioning and handing over of the line.

3.0 Estimated Cost for the Project: - **Rs. 190.00 Lac (Rupees One Crore and Ninety 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) | 17.02.2017 |
| 02. | Documents download/sell start date (Online) | 18.02.2017 09:00 A.M. |
| 03. | Last Date of uploading of Pre Bid Quarries | 27.02.2017 03:00 P.M. |
| 04. | Pre Bid Meeting | 03.03.2017 03:00 P.M. |
| 05. | Bid submission start date (On line) | 08.03.2017 09:00 A.M. |
| 06. | Bid Submission closing (On line) | 22.03.2017 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) | 23.03.2017 01:00 P.M. |
| 08. | Bid opening date for Technical Proposals (Online) | 24.03.2017 03:00 P.M. |
| 09. | Date of uploading list for Technically Qualified Bidder (online) | 29.03.2016 03:00 P.M. |
| 10. | Date for opening of Financial Proposal (Online) | To be intimated later |
| 11. | Completion Time | 270 days 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-filing. 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 **1.90 Lac (Rupees One Lac and Ninety 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 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. 285.00 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. 50.00 Lac.**

B) Technical Capability and Experience:

The intending Bidder shall have to comply the following criteria:

- a) The Bidder should have executed bored pile foundations (piles placed in groups, for at least ten such groups), of pile diameter not less than 1000 mm and depth not less than 25 metre each against a single contract during last 5 years with supply of all construction materials.
- b) The bidder should have executed 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 **1 (one) K.M.** during last 5 (five) years with survey, construction and engineering, with supply of tower materials, insulators, hardware and accessories,

with or without supply of 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.

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 one 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 along with the documents fulfilling the eligibility criteria.

In addition to above:

1. 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.

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

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 placement of LOA.

- 9.0 The tender consist of 02 (two) Price Schedules, one price schedule relating to Supply of equipment etc. and one price schedule relates to corresponding erection of equipment etc. at the said locations. Bidders are advised to offer their price for all the two schedules. In case any of the price schedule 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.
- 10.0 The Material and Service Component for each item of the “Erection Schedule” should be correctly segregated by the vendor.
- 11.0 Constructional Labour Welfare CESS @ 1% (*one percent*) of cost of erection will be deducted from every Bill of the successful bidder.
- 12.0 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.
- 13.0 The bidder may mailed their Pre – Bid quarries to the following E-mail within the scheduled date as mentioned above.
- 14.0 **Technical Specification:** - All the Technical Specifications are available at the website of WBSETCL i.e. www.wbsetcl.in. The Bidders are requested to download the same from the aforesaid website and the same should be followed.
- 15.0 **Approved Maker’s List of WBSETCL:** - Approved Maker’s List of WBSETCL are available at the website of WBSETCL i.e. www.wbsetcl.in. The Bidders are requested to download the same from the aforesaid website and the same should be followed.

16.0 **ADDRESS FOR COMMUNICATION**

The Chief Engineer (O&M) Construction,
West Bengal State Electricity Transmission Company Limited,
10th Floor, “D” Block,
Block -DJ, Bidyut Bhavan,
Sector –II, Salt Lake City,
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