

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

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

**NOTICE INVITING TENDER
FOR**

“DIVERSION OF 132 KV D/C KASBA-SALT LAKE OVERHEAD LINE NEAR SALT LAKE 132/33 KV SUB-STATION IN BETWEEN TOWER NO TL. 2 TO GANTRY AND T.L NO 7 TO 11, THROUGH XLPE U.G CABLE & BROAD BASED & NARROW BASED COMPOSITE TOWERS.” ON TURN-KEY BASIS.

(Domestic competitive bidding)

Notice Inviting e-Tender No. CE/(O&M)-I/TZ-I/2018-19/37 DTD. 20/11/2018

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 D/C KASBA-SALT LAKE OVERHEAD LINE NEAR SALT LAKE 132/33 KV SUB-STATION IN BETWEEN TOWER NO TL. 2 TO GANTRY AND T.L NO 7 TO 11, THROUGH XLPE U.G CABLE & BROAD BASED & NARROW BASED COMPOSITE TOWERS.” ON TURN-KEY BASIS.

1.0 SCOPE OF WORK:

The work covered under this tender schedule shall be:

For 132 KV D/C Kasba-Salt Lake overhead line near Salt Lake 132/33KV Sub-station in between tower no TL. 2 to Gantry and T.L No 7 to 11:

- i) *Route survey:-*
 - a) *Entire new cable route (in between New Composite Tower to Gantry at Sub Station) and finalisation of entire new route alignment for laying of 132 KV double circuit single core 630 sq. mm XLPE copper cable (approx. Route Length – 0.2 K.M.).*
 - b) *Entire Transmission Line (in between New Composite Tower to T.L. No. 2 & T.L. No. 7 to 11) with profiling and finalisation of entire route alignment for stringing of 132 KV double circuit Transmission Line from New Composite Tower to T.L. No. 2 [approx. Route Length – 0.05 K.M.] and T.L. No. 7 to 11 [approx. Route Length – 1.1 K.M.].*
- ii) *Procurement of XLPE cable, conductors and accessories including the design of cable duct wherever necessary, procurement of LA etc., including testing, supply and delivery at site.*
- iii) *Procurement of 24 F Armoured OFC with jointing Kit including testing, supply and delivery at site.*
- iv) *Laying of 132KV double Ckt. XPLE cable and 24 F Armoured OFC with jointing with existing OPGW.*

- v) *Dismantling of existing 1 No. 132KV Double circuit tower including conductor & accessories, shifting of LA at switchyard etc.*
- vi) *Supply and erection of composite and normal tower as per our approved drawing including stringing of conductor.*
- vii) *Termination at ends, jointing, earthing, bonding of XLPE cable at Salt Lake 132/33 KV sub-station and at composite tower end.*
- viii) ***Make good of existing installation including roads, street light, cable work etc.***
- ix) *Testing, commissioning and handing over of the transmission line with XLPE Cable.*

2.0 WBSETCL shall execute the project as Deposit Work of RVNL.

3.0 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)	20.11.2018
2.	Documents download/sell start date (Online)	20.11.2018 06:00 P.M.
3.	Last Date of uploading of Pre Bid Quarries	26.11.2018 03:00 P.M.
4.	Pre Bid Meeting	30.11.2018 01:00P.M.
5.	Bid submission start date (On line)	04.12.2018 1:00 P.M
6.	Bid Submission closing (On line)	14.12.2018 3:00 P.M.
7.	Last Date of submission of original copies for the cost of Tender Documents and cost of Earnest Money Deposit (Off line)	17.12.2018 1:00 P.M.
8.	Bid opening date for Technical Proposals (Online)	18.12.2018 3:00 P.M
9.	Date for opening of Financial Proposal (Online)	To be intimated later
10.	Completion Time	270 days from the date of placement of LOA.

4.0 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. 5,900/- (Rupees five thousand nine hundred) only including GST** 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) – I along with one copy of GST registration certificate, WBSETCL under sealed cover on or before the scheduled date & time as specified above.

- 5.0 All bids must be supported by **bid security (EMD)** for an amount of **Rs. 9.30 Lac (Rupees Nine Lac and Thirty 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.

6.0 **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. 1391.50 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 **Rs. 232.00 Lac.**

iv) Technical Capability and Experience:

The intending Bidder shall have to comply the following criteria:

- a) The Bidder should have successfully executed laying of at least 1.0 KM of 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 10(Ten) 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).*
- b) 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

- c) 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 1Km during last 5 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), b), c) to make them eligible for participation in the Tender. However, for other one/two 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, the Bidder:

1. The bidder shall procure cable from a manufacturer who have designed, manufactured, type tested and supplied at least 5 KM of 132KV or higher voltage class single core XLPE cable in Indian power utility. The manufacturer shall have performance of operation of such cable for a length not less than 2.0 (Two) KM for at least one (1) 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. 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.
3. 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.
4. Shall procure relevant type of OFC and other accessories from eligible reputed manufacturer or its authorized agent who have manufactured and supplied minimum 2.0 KM of fiber optic cable during last 10 (ten) years in Indian power utilities from the date of NIT.

Note:-

However if a pure cable manufacturer who are not meeting any of the criteria a), b), & c) pre-paged and intends to participate in the Tender, he has to tie-up agencies for all the three basic technical QR requirement as mentioned in a), b) and c) above. In that case, the Bidder must have designed, manufactured, type tested and supplied at least 5 KM of 132KV or higher voltage class single core XLPE cable in Indian power utility. The Bidder shall have performance of operation of such cable for a length not less than 2.0 (Two) KM for at least one (1) 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).* They have to also meet the additional requirement of Sl. No. 2, 3 & 4 above.

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

v) **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.

vi) **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.

7.0 Completion period for the project is **270 (Two hundred and seventy) days** from the date of placement of LOA.

8.0 Constructional Labour Welfare CESS @ 1% (*one percent*) of cost of erection will be deducted from every Bill of the successful Bidder.

9.0 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.

10.0 The Bidder may mailed their Pre – Bid quarries to the following E-mail within the scheduled date as mentioned above.

11.0 **ADDRESS FOR COMMUNICATION**

Chief Engineer, (O&M) - I

**WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY
LIMITED**

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