

Section I - NOTICE INVITING e-TENDER

West Bengal State Electricity Transmission Company Limited

(A Govt. of West Bengal Enterprise)

Office of the Chief Engineer (Procurement)

CIN: U40101WB2007SGC113474

ABRIDGED NOTICE INVITING e-TENDER

For

Line Package-AP

[Domestic Competitive Bidding]

NIT No: CE(Procurement)/WBSETCL/Line/Pkg.–AP/2019-20/12 DT 30.08.2019.

WBSETCL invites e-tender from bonafide, eligible bidders having experience in doing similar nature of work for construction of:-

Line-1:-132 kV D/C Line from Laxmikantapur 220 kV S/S to proposed Ramganga/ Patharpratima 132 kV GIS (RL \approx 35 Km OH + 0.6 km UG).

Line-2:-132 kV D/C Line from Kakdwip 132 kV S/S to proposed Ramganga/ Patharpratima 132 kV GIS (RL \approx 24 Km).

Line-3:-132 kV M/C Line for D/C LILO of Jeerat - Mohispota 132 kV D/C Line at Proposed Nilganj 132 kV GIS (RL \approx 0.22 km D/C + 4.00 km M/C + 0.46 km UG Cable).

Line-4:-132 kV M/C Line for D/C LILO of Dharampur - Titagarh 132 kV D/C Line (with HTLS Conductor) at Proposed Nilganj 132 kV GIS (RL \approx 0.54 km D/C + 4.40 km M/C + 0.15 km UG Cable).

Line-5:-D/C LILO of Dharampur - Titagarh 132 kV D/C Line (with HTLS Conductor) at Proposed Panpur 132 kV GIS (RL \approx 0.285 km D/C + 0.252 km M/C Cable).

Interested bidders may obtain bidding documents by registering themselves to the e-tendering portal (<https://wbtenders.gov.in> or <https://etender.wb.nic.in>) with the help of Digital Signature Certificate and thereby downloading from 30.08.2019,11:00 A.M. and shall be submitted up to 4.00 PM on 26.09.2019.

Detailed NIT is also available on WBSETCL website (www.wbsetcl.in) and can be downloaded from the website for bidders' information only.

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 procurement), B- Block, 10th Floor, WBSETCL, Bidyut Bhawan on or before 27.09.2019 up to 3.00 P.M.

DETAILED NOTICE INVITING TENDER

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

(A Govt. of West Bengal Enterprise)

(Procurement Department, Kolkata)

NOTICE INVITING TENDERS

For

[Transmission Line Package –AP]

[Domestic Competitive Bidding]

Ref: NIT No: CE(Procurement)/WBSETCL/Line/Pkg.–AP/2019-20/12 DT 30.08.2019.

1. **West Bengal State Electricity Transmission Company Limited (WBSETCL)** invites bids from the eligible bidders on turnkey basis through Domestic Competitive Bidding for Design, Construction and Supply of 132 kV D/C & M/C Tower including Special River/ Power/Rail/N.H Crossing, Dwarf, Composite & Auxiliary X-Arm Towers, Conductor (ACSR Panther and HTLS), Earth-wire (OPGW), insulators, hardware materials and accessories and Erection, Stringing, Testing and successful Commissioning of 132 kV D/C & M/C Transmission line including supply & laying of 132 kV UG XLPE cable along with their associated works as detailed below:

Package –AP :-

Line-1:-132 kV D/C Transmission Line from Laxmikantapur 220 kV S/S to proposed Ramganga/ Patharpratima 132 kV GIS (RL \approx 35 Km OH + 0.6 km UG). -

Completion Period -18 Months

Line-2:-132 kV D/C Transmission Line from Kakdwip 132 kV S/S to proposed Ramganga/ Patharpratima 132 kV GIS (RL \approx 24 Km). - **Completion Period -18 Months**

Line-3:-132 kV M/C Transmission Line for D/C LILO of Jeerat - Mohispota 132 kV D/C Line at Proposed Nilganj 132 kV GIS (RL \approx 0.22 km D/C + 4.00 km M/C + 0.46 km UG Cable). - **Completion Period -12 Months**

Line-4:-132 kV M/C Transmission Line for D/C LILO of Dharampur - Titagarh 132 kV D/C Line (with HTLS Conductor) at Proposed Nilganj 132 kV GIS (RL \approx 0.54 km D/C + 4.40 km M/C + 0.15 km UG Cable). - **Completion Period -12 Months**

Line-5:-D/C LILO of Dharampur - Titagarh 132 kV D/C Line (with HTLS Conductor) at Proposed Panpur 132 kV GIS (RL \approx 0.285 km D/C + 0.252 km M/C). - **Completion Period -06 Months**

against NIT No: CE(Procurement)/WBSETCL/Line/Pkg.–AP/2019-20/12 DT 30.08.2019.

2. SCOPE OF WORK:

The work covered under this tender for 132 KV D/C and M/C Transmission Line shall be but not limited to the following:

- i) *Check survey work including profiling, tower spotting wherever necessary and detailed survey, if necessary.*
- ii) *Fabrication, galvanizing and supply of D/C and M/C towers (drawings of towers shall be provided by WBSETCL), Conductors (ACSR Panther and HTLS), Earth wires*

- (OPGW), 132 kV UG XLPE cable, insulators, including all materials and accessories and other line materials as per Bid Schedule.
- iii) Design & Construction of Tower including Special River/Power/Rail/N.H X-ing, Dwarf, Composite & Auxiliary X-Arm Towers.
 - iv) Erection of D/C and M/C & Special River/Power/Rail/N.H X-ing, Composite, Dwarf & Auxiliary X-Arm towers including fixing of insulator strings, stringing of conductors and earth-wire (OPGW), line materials and accessories including Earthing (Pipe type and Counterpoise) of towers and laying of 132 kV UG XLPE cable.
 - v) Testing, commissioning and handing over of the line.
 - vi) Dismantling & removal of towers, conductors and earth wires with hard wares and accessories.

However detail scope of work shall be given by the schedule of works.

Interested eligible bidders may obtain further information on the bidding documents from the **Office of the Chief Engineer(Procurement) , WBSETCL** at the address given below:-

Vidyut Bhavan, 10th. Floor
B Block,
SaltLake, Block DJ
Sector II, Kolkata-91.

3.0 WBSETCL intends to finance this package through Loan/Bond.

4.0 Detailed Specification , scope of work and conditions are given in the bidding documents as per the following schedule :

Sl. No.	Particulars	Date & Time
1	Bidding document No	CE(Procurement)/WBSETCL/Line/Pkg. –AP/2019-20/12 DT 30.08.2019
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	30.08.2019 from 10.00 A.M.
3	Documents download/sell start date (Online)	30.08.2019 from 11:00 A.M.
4	Documents download/sell end date (Online)	26.09.2019 up to 4:00 P.M
5	Start date of hard copy submission of clarification/pre-bid queries/proposed modifications/additional informations (if any)	30.08.2019 from 11.00 A.M.
6	Closing date of hard copy submission of clarification/pre-bid queries/proposed modifications / additional information (if any)	06.09.2019 up to 4.00 P.M.

7	Pre-bid meeting to be held at Office of the Chief Engineer (Procurement), 10 th Floor, B-Block Bidyut Bhavan.	13.09.2019 at 11.30 A.M.
8	Bid submission start date (On line)	23.09.2019 at 10:00 A.M.
9	Last Date of submission of original copies for the cost of Bidding Document (Tender Fees), Bid Security, Original Power of Attorney & Affidavit regarding Eligibility (duly notarized) as Hard Copy (Off line) and Copy of GST Registration Certificate must.	27.09.2019 up to 3.00 P.M.
10	Bid Submission closing (On line)	26.09.2019 up to 4:00 P.M.
11	Bid opening date for Technical Proposals (Online)	30.09.2019 from 4:00 P.M.
12	Date of uploading list for Technically Qualified Bidder(online)	Will be uploaded after completion of the techno-commercial evaluation.
13	Date for opening of Financial Proposal (Online)	Will be published in due course.
14.	Cost of Bidding Document	Rs. 5900 (Five Thousand Nine Hundred Only)- Inclusive of 18% GST

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 (Procurement), B- Block, 10th Floor, WBSETCL, Bidyut Bhawan on or before 27.09.2019 up to 3.00 P.M.

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

5.0 All bids must be accompanied by **Bid Security** for an amount of **Rs. 2.69 Crore [Rupees Two Crore Sixty Nine Lakh 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 (Procurement), 10th Floor, B-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 as follows:

Name of the Bank: CANARA Bank

Address of the Bank: Sector-III, Salt Lake City, Kolkata-700091

Account No.: 2549201000230 and IFSC: CNRB0002549

6.0 Qualifying Requirement for bidders:

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

6.1 Technical:

1. Bids must be submitted by a registered company that on its own (credentials of past experience as a JV partner shall not be considered) meets all technical and financial qualifications, experience and requirements set forth in the bidding document.

2.1. The bidder must have executed at least one contract independently on turnkey basis for EHV line of 132 KV or higher voltage class having a route length not less than 45 Km during last 5 years with complete survey, design and engineering, with supply of tower materials, insulators, hardware and accessories, with or without supply of Conductor and OPGW and also at least 5 Km. of Tr. Line with HTLS Conductor including supply of HTLS Conductor with erection, stringing, testing and commissioning of the lines within last 10 years. The above line(s) should be in successful operation for at least one (1) year from the date of commissioning as on the date of NIT. The bidder shall furnish satisfactory completion/operation certificate from the concerned authority (to be supported by Taking Over Certificate).

2.2 The HTLS conductor will be supplied in this package from:-

(i) A Qualified Manufacturer meeting the specified requirements given under para 2.2(A),

or

(ii) Qualified Licensee of a Qualified Manufacturer (Requirements specific to Licensor-Licensee route are given under Para 2.2 (B))

Technical Qualifying Requirement for HTLS Conductors :

The EPC shall have to select the HTLS conductor from the Qualified original Manufacturer or Licensee who meets the following criteria:-

2.2(A). For HTLS Manufacturer

The Qualified Manufacturer shall be a manufacturer of HTLS conductor **having manufacturing plant in India** and should have manufactured, tested and supplied at least one hundred(100) km of High temperature low sag (HTLS) conductor of same technology as that of the conductor being asked in India for in last Five (5) years as on originally scheduled date of bid opening and the same should have been in satisfactory operations in India for a period of at least one (1) year as on the date of bid opening mentioned above.

[Supporting Documents – Copy of the LOA and Delivery Challan]

2.2(B). For Licensee

The Qualified Licensee shall be a manufacturer of ACSR, AAAC and similar conductor **having manufacturing plant in India** and also acts as **Licensee of a Qualified Manufacturer (Licensor) who have manufactured more than 500KM of HTLS conductor (Same type as required for this project)**. Licensee should have manufactured, tested and supplied at least one hundred (100) km of High temperature low sag (HTLS) conductor of same technology in **India** in last Five (5) years as on originally scheduled date of bid opening and the same should have been in satisfactory operations in India for a period of at least two (2) years as on the date of bid opening mentioned above.

The Licensee should meet the following conditions:

- i) Qualified Licensee shall have adequate design infrastructure and manufacturing facility and capacity and procedures including quality control.
 - ii) A Qualified Licensee of a Qualified Manufacturer shall comply with all of the following requirements and furnish a joint undertaking by the licensor along with the bidder in its bid.
 - a) Any design undertaken by the Licensee shall be approved by the Licensor.
 - b) Manufacturing by the Licensee shall be done with the approval of the Licensor under a quality assurance programme approved and monitored by the Licensor.
 - c) Licensor must guarantee sequential and timely supply of materials and submission of technical information and data as desired by WBSETCL so as to meet the overall construction schedule.
 - d) The agreement between Licensee and Licensor (copy to be submitted along with the bid) shall be valid for a period of at least five (5) years after the guarantee period of equipment and materials under supply is over.
3. The bidder shall either have the manufacturing capability of fabricated tower members at his own plant or shall have clear access from other reputed manufacturing plant of fabricated tower members (to be supported by legally enforceable documents like MOU and Affidavit regarding Eligibility of the Fabricator) having yearly manufacturing capacity of 9000 M.T. Such plant must have manufactured an average of 6000 M.T during last three years.
 4. The bidder shall procure OPGW from eligible reputed manufacturer who have manufactured, type tested and supplied at least 100 KM of OPGW during last 3 years in Indian power utilities from the date of NIT.
 5. The Bidder shall procure relevant type of Under Ground Cable, cable termination & joints , OPGW Earth wire, Conductor etc. from eligible manufacturer of WBSETCL's approved maker's list.
- 5.1.**The Bidder if not an approved Cable manufacturer himself , must obtain authorization from at least 2(two) approved manufacture of WBSETCL supported by legally enforceable undertaking jointly with the Cable manufacturer to guarantee quality, timely supply, performance, service support and defect liability obligations as specified in the relevant technical specification and General Condition of Contract.
6. The Bidder should have successfully executed contract which includes underground cable laying, jointing the termination of not less than 20% of the tendered route length of underground cable laying work in single order, 132 kV or higher voltage class underground XLPE cable including testing, commissioning under any utility in India within last five years.

OR

The Bidder may engage any other agency who have successfully executed contract under any utility in India which includes underground cable laying, jointing the termination of not less than 20% of the tendered route length of underground cable laying work in single order, 132 kV or higher voltage class underground XLPE cable including testing, commissioning under any power utility in India with last five years and the Bidder must obtain authorization from at least 2(two) such execution contractor supported by legally enforceable undertaking jointly to guarantee quality, performance, service support and defect liability obligations as specified in the relevant technical specification and General Condition of Contract.

- 6.1 The bidder has to submit Performance Certificate for 1 year of any executed contract for supply, laying, commissioning & execution 132 kV or higher voltage class cable of single phase Route length not less than 20% of Tendered route length during last 5 years under any utility in India for his own or for his engaged agencies.
7. The Bidder shall procure relevant type of OFC and other accessories from eligible reputed manufacturer who have manufactured and supplied minimum 10(ten) KM of fibre optic cable during last 3(three) years in Indian utilities from the date of NIT.

The Bidder shall furnish valid and authenticated documents in support of his eligibility and Technical qualification as required above.

6.2 Personnel Capability

- i) The bidder must have full-fledged set up for executing similar turnkey projects. 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 (Engineering Graduate) with at least 10 (ten) years experience in execution of such contract of comparable nature. He shall be stationed at work site.

6.3 Financial

- I. The **Net Worth** at the end of last financial year shall be not less than **Rs. 34 Crore (Rupees Thirty Four Crore only)**.
- II. The **Average Yearly Turnover** over the last three financial years shall not be less than **Rs. 135 Crore (Rupees One Hundred Thirty Five Crore only)**.
- III. Liquid Assets (L.A) as per the last audited accounts available should be **Rs. 23 Crore [Rupees Twenty three Crore Only]**. Bidder shall have Liquid Asset (L.A) and/ or evidence of access to or availability of credit facility of equivalent amount.

6. 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.

7. Address for Communication :

The Addl.C.E & Nodal officer,
O/o The Chief Engineer,
Procurement Department, 10th.Floor, 'B' Block,
Vidyut Bhavan, Block-DJ, Sector-II, Salt Lake,
Kolkata-700091.

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

FAX : 91-33-2359-1894

TELEPHONE : 91-33-23197713/ 91-33-23595041

E-mail : *procurement.hq@wbsetcl.in*

Website : www.wbsetcl.in

9.0 E-mail ID for online submission of Pre-Bid Queries: prebidqueries@gmail.com