

## 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

Supply and live line installation, Testing and Commissioning of OPGW  
**[Domestic Competitive Bidding]**

NIT No: **CE (P)/WBSETCL/OPGW/21-22/12 dated 18.08.2021**

WBSETCL invites bids from **the eligible bidders through Domestic Competitive Bidding** for **survey, planning, design, engineering, erection (Laying), testing, and commissioning of OPGW Cable, by replacing existing Earth wire (Live line installation) on various EHV Power transmission line - 1809 Km of WBSETCL for establishment of Reliable Communication system.**

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 **18.08.2021**, 11:00 A.M. and shall be submitted up to 4.00 PM on **15.09.2021**.

Detailed NIT is also available on WBSETCL website ([www.wbsetcl.in](http://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, 10<sup>th</sup> Floor, WBSETCL, Bidyut Bhawan or before **16.09.2021** upto 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

**[OPGW Cable]**

**[Domestic Competitive Bidding]**

Ref: NIT No: **CE(Procurement)/WBSETCL/OPGW/21-22/12 DT 18.08.2021**

1. WBSETCL invites bids from **the eligible bidders through Domestic Competitive Bidding for survey, planning, design, engineering, erection (Laying), testing, and commissioning of OPGW Cable, by replacing existing Earth wire (Live line installation) on various EHV Power transmission line -1809 Km of WBSETCL for establishment of Reliable Communications system.**  
**Completion Period -18 Months.**

**2. SCOPE OF WORK:**

The broad scope of the procurement of this part include the survey, planning, design, engineering, manufacturing, supply, transportation, insurance, delivery at site, unloading, handling, storage, Supervision of live line erection/live line installation, splicing, termination, testing, training, and demonstration for acceptance, commissioning and documentation for:

- a) OPGW including all associated hardware accessories & fittings
- b) Fibre Optic Approach Cable including installation material.
- c) Fibre Optic Distribution Panels (FODP) & Joint Box
- d) Supply of spares.
- f) Test equipment as per BOQ.
- e) All other associated work/items described in the technical specifications and Tender Document.

**NOTE: Most of the OPGW fibre optic cables to be installed under this project under live line conditions, i.e. with all the circuits of the transmission line charged to their rated voltage. "The existing earth wire along with its hardware & fittings shall be dismantled & taken away by the contractor on installation of OPGW. This factor may be taken into consideration while quoting the price."**

The Bidder must have a valid electrical license issued from state or central government authority for working in charged electrical installations.

The various sections of these specifications define the survey, design, performance, installation, testing & implementation for the fibre optic cable system.

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,

Salt Lake, Block DJ, Sector II, Kolkata-91.

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

<b>Sl. No.</b>	<b>Particulars</b>	<b>Date &amp; Time</b>
1	Bidding document No	<b>CE(Procurement)/WBSETCL/OPGW/21-22/12 DATED 18.08.2021</b>
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	<b>18.08.2021</b> 10.00 A.M.
3	Documents download/sell start date (Online)	<b>18.08.2021</b> from 11:00 A.M.
4	Documents download/sell end date (Online)	<b>15.09.2021</b> up to 4:00 P.M
5	Start date of hard copy submission of clarification/pre-bid queries/proposed modifications/additional informations (if any)	<b>18.08.2021</b> from 11.00 A.M.
6	Closing date of hard copy submission of clarification/pre-bid queries/proposed modifications/additional information (if any)	<b>25.08.2021</b> up to 4.00 P.M.
7	Pre bid meeting to be held at Office of the Chief Engineer (Procurement), 10 <sup>th</sup> Floor, B-Block Bidyut Bhavan.	<b>02.09.2021</b> at 11.30 A.M.
8	Bid submission start date (On line)	<b>10.09.2021</b> 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.	<b>16.09.2021</b> up to 3:00 P.M.
10	Bid Submission closing (On line)	<b>15.09.2021</b> up to 4:00 P.M.
11	Bid opening date for Technical Proposals (Online)	<b>17.09.2021</b> 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	<b>Rs.5900 (Five Thousand Nine Hundred Only) - Inclusive of 18% GST</b>

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 of the Chief Engineer (Procurement), B-Block, 10<sup>th</sup> Floor, WBSETCL, Bidyut Bhawan on or before **16.09.2021 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. 1.2 Crore [Rupees One Crore Twenty 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), 10<sup>th</sup> 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:

**STATE BANK OF INDIA**

**CF BLOCK, SALT LAKE, CF-351, SECTOR-I, BIDHANNAGAR, KOLKATA 700064**

**ACCOUNT NO: 31279958953**

**IFSC CODE SBIN0012360**

## 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:***

**6.1.1** Bids must be submitted by a private/public Company registered under Company act 1956 or 2013 and its amendment thereto 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.

**6.1.2** The bidder must have executed independently on turnkey basis laying of at least **50 Kms of OPGW cable in live condition on EHV line of 132 KV or higher voltage class** during **last 7 years** with complete survey, design and engineering, with supply of OPGW, FODP, hardware and accessories, erection, stringing, sagging, testing and commissioning of the line. The bidder shall furnish satisfactory Completion/Operation certificate/Site accepted Tests (SAT) from the concerned authority (to be supported by Taking over Certificate).

**6.1.3** The bidder shall either have the manufacturing capability and routine test facility for OPGW at his own plant and who have designed, manufactured, type tested as per relevant IS/IEC with latest amendments and supplied at least in totality **300 KM of OPGW** during the last **FIVE financial years** in Indian power utilities from the date of NIT **OR** shall have procured OPGW from eligible reputed manufacturer who meet the above stated qualifications.

**6.1.4** OPGW offered shall have Type Test Certificates from accredited laboratory (accredited based on ISO/IEC Guide 25 / 17025 or EN 45001 by NABL. with latest amendments. The type test reports shall not be older than FIVE years/ shall not be older than SEVEN years WITH SPECIFIC DECLARATION THAT " DESIGN PARAMETERS OF OPGW SHALL REMAIN UNCHANGED".

**6.1.5 IF THE BIDDER IS AN EPC CONTRACTOR AND DOES NOT MEET THE TECHNICAL CRITERIA OF MANUFACTURER AS LAID DOWN IN SERIAL 6.1.3 and 6.1.4 ABOVE:**

- 6.1.5 (a) The bidder, who is an EPC Contractor, must undertake during bidding to purchase OPGW from reputed manufacturers. In this regard, the EPC Contractor must obtain authorization from at least 2 (TWO) reputed manufacturer **meeting the criteria in Serial 6.1.3 and 6.1.4 above** (preferably supplier of WBSETCL). In event of being successful EPC Vendor **with compliance of Serial no. 6.1.2**, the Bidder shall have to purchase OPGW only from any of the manufacturers proposed by him. Such authorisation must be supported by legally enforceable undertaking jointly with the OPGW manufacturer to guarantee quality, timely supply, performance, service support and defect liability obligations as specified in the relevant technical specification and general conditions of contract.

The entire responsibility for the successful completion of the work shall belong to the bidder.

**OR**

**IF THE BIDDER IS AN OEM AND DOES NOT MEET THE TECHNICAL CRITERIA OF ERECTION WORK AS LAID DOWN IN SERIAL 6.1.2:**

- 6.1.5 (b) The bidder, who is a manufacturer, must undertake during bidding to associate with at least two Erection contractors and obtain authorization from such Erection Contractor (at least two) having experience of laying of at least **50 Kms of OPGW cable** in live condition on EHV line of 132 KV or higher voltage class during last 7 years **meeting the criteria 6.1.2** in addition **to compliance of Serial no. 6.1.3 and 6.1.4 above**. The Bidder shall have to associate with any one of the Erection contractors from the list of names it has furnished during bidding. Such authorisation must be supported by legally enforceable undertaking jointly with the Contractor to guarantee quality, timely erection, performance, service support and defect liability obligations as specified in the relevant technical specification and general condition of contract

The entire responsibility for the successful completion of the work shall belong to the bidder.

**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.15 Crore (Rupees Fifteen Crore only)**.
- II. The **Average Yearly Turnover** over the last three financial years shall not be less than **Rs.59.85 Core (Rupees Fifty Nine Crore Eighty Five Lakh only)**.
- III. Liquid Assets (L.A) as per the last audited accounts available should be **Rs. 10 Crore [Rupees Ten Crore Only]**. Bidder shall have Liquid Asset (L.A) and/ or evidence of access to or availability of credit facility of equivalent amount.

**7.0** 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.

**8.0** Address for Communication:

The Addl.C.E-II,

O/O The Chief Engineer, Procurement Department, 10<sup>th</sup>.Floor, 'B' Block,

Vidyut Bhavan, Block-DJ, Sector-II, Salt Lake, Kolkata-700091.

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

TELEPHONE : 91-33-2359-1894

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

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

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

**9.0** E-mail ID for online submission of Pre-Bid Queries:

[prebidqueries@gmail.com](mailto:prebidqueries@gmail.com)

[ceprocurement\\_wbsetcl@rediffmail.com](mailto:ceprocurement_wbsetcl@rediffmail.com)