WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

Tender Document

for

CONSTRUCTION OF 2ND CIRCUIT LILO LINE OF 132 KV RAMNAGAR -EGRA D/C TRANSMISSION LINE USING 132 KV XLPE CABLE (RL~0.6 KM) AT CONTAI 132 KV SUB-STATION AND ALLIED WORK ON TURN-KEY BASIS.

NIT No.

NIT No.:- CE/ (O&M) – II/CONTAI LILO/2024-25/19, DATED 20.11.2024.

Section I – V,VIIA,VIIB

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Instruction to Bidders (ITB)
Bid Data Sheet (BDS)
General Conditions of Contract (GCC)
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Bid Forms
Annexures

WBSETCL

CHIEF ENGINEER: (O&M) – II

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

VIDYUT BHAVAN

10TH. Floor, 'D' BLOCK

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.

SALTLAKECITY, KOLKATA – 700 091

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Section I - NOTICE INVITING TENDER

ABRIDGED NOTICE INVITING TENDER

WBSETCL

(A Govt of West Bengal Enterprise)

CHIEF ENGINEER: (O&M) – II, VIDYUT BHAVAN

NOTICE INVITING TENDERS

For

CONSTRUCTION OF 2ND CIRCUIT LILO LINE OF 132 KV RAMNAGAR -EGRA D/C TRANSMISSION LINE USING 132 KV XLPE CABLE (RL~0.6 KM) AT CONTAI 132 KV SUB-STATION AND ALLIED WORK ON TURN-KEY BASIS.

[Domestic Competitive Bidding]

1. ***West Bengal State Electricity Transmission Company Limited (WBSETCL)*** invites bids from the eligible bidders on turnkey basis through Domestic Competitive Bidding for design, engineering, civil construction, supply & delivery, erection, testing and commissioning including transportation & insurance, storage in respect of Construction of 2nd Circuit LILO Line of 132 KV Ramnagar –Egra D/C Transmission Line using 132 KV XLPE cable (RL~0.6 Km) at Contai 132 KV Sub-Station and allied work under Tamluk Area Office and allied work as defined in the bid document on **'Turn-key Basis'** against NIT No. CE/ (O&M) – II/CONTAI LILO/2024-25/19, DATED 20.11.2024.

   Interested Bidder may download the Bid documents from **20.11.2024 from 06.00 P.M. and Bids shall be submitted online up to 03.00 P.M. on 18.12.2024.**

   WBSETCL intends to finance this project.

   Intending bidder may download the tender documents from the website http://etender.wb.nic.in OR wbtenders.gov.in directly with the help of Digital Signature Certificate

DETAILED NOTICE INVITING TENDER

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

(A Govt of West Bengal Enterprise)

CHIEF ENGINEER: (O&M) – II, VIDYUT BHAVAN

NOTICE INVITING TENDERS

For

CONSTRUCTION OF 2ND CIRCUIT LILO LINE OF 132 KV RAMNAGAR -EGRA D/C TRANSMISSION LINE USING 132 KV XLPE CABLE (RL~0.6 KM) AT CONTAI 132 KV SUB-STATION AND ALLIED WORK ON TURN-KEY BASIS.

[Domestic Competitive Bidding]

1. ***West Bengal State Electricity Transmission Company Limited (WBSETCL)*** invites bids from the eligible bidders on turnkey basis through Domestic Competitive Bidding for design, engineering, civil construction, supply & delivery, erection, testing and commissioning including transportation & insurance, storage in respect of Construction of 2nd Circuit LILO Line of 132 KV Ramnagar –Egra D/C Transmission Line using 132 KV XLPE cable (RL~0.6 Km) at Contai 132 KV Sub-Station and allied work on Turn-Key basis under Tamluk Area Office and allied work as defined in the bid document on **'Turn-key Basis'** against **NIT No.** CE/ (O&M) – II/CONTAI LILO/2024-25/19, DATED 20.11.2024.

2. **SCOPE OF WORK:** The work covered under this tender shall be but not limited to the following:-

A) <u>For XLPE Cable Portion:-</u>

- Check Survey of Cable route from Composite Tower to Sub-Station for diversion of Line.
- Laying of 132 KV single core XLPE Cable and OFC Cable from Composite Tower to Sub-Station as per Technical Specification.
- Jointing of 132 KV XLPE Cable as per Technical Specification.
- Erection of Cable Termination Kit at Composite Tower as per Technical Specification.
- Testing and Commissioning of above 132 KV single core XLPE Cable.

B) <u>For Overhead portion:-</u>

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 with extension.

iii) Supply of conductor, insulators including all hardwares and accessories with other line materials as per technical specification & BOQ.

iv) Construction of bored pile foundation (pile with pile cap)/ normal foundation for 132 KV D/C Towers including protection work as necessary.

v) Erection of 132 KV D/C towers with extension including fixing of insulator strings, stringing of conductor and OPGW along with all necessary tower and line materials and accessories including earthing of towers.

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

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

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

3. Estimated Cost for the Project: - **Rs. 1254.55 Lac (Rupees Twelve Crore Fifty Four Lakh and Fifty Five Thousand) only.**

4. **WBSETCL** intends to finance this project.

5. 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	Bidding document No	**CE/ (O&M) – II/CONTAI LILO/2024-25/19, DATED 20.11.2024**
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	**20.11.2024 from 02.00 P.M.**
3	Documents download/sell start date (Online)	**20.11.2024 from 06.00 P.M.**
4	Documents download/sell end date (Online)	**18.12.2024 up to 03.00 P.M.**
5	Start date of hard copy submission of clarification/pre-bid queries/proposed modifications/additional information (if any)	**21.11.2024 from 11.00 A.M.**
6	Closing date of hard copy submission of clarification/pre-bid queries/proposed modifications / additional information (if any)	**28.11.2024 upto 03.00 P.M.**
7	Pre-bid meeting to be held at Office of the Chief Engineer:	**02.12.2024 at 02.30 P.M.**

	(O&M) – II, 10th Floor, D-Block Bidyut Bhawan.	
8	Bid submission start date (On line)	**05.12.2024 from 09:00 A.M.**
9	Bid Submission closing (On line)	**18.12.2024 up to 03.00 P.M.**
10	Last Date of submission of original copies for the cost of Bidding Documents and Earnest Money Deposit (Off line)	**19.12.2024 up to 01.00 P.M.**
11	Last date of submission of the legally enforceable documents as mentioned in General guidelines for e-tendering in sealed envelope.	**19.12.2024 up to 01.00 P.M.**
12	Bid opening date for Technical Proposals (Online)	**20.12.2024 from 03.00 P.M.**
13	Date of uploading list for Technically Qualified Bidder(online)	**Will be uploaded after completion of the techno-commercial evaluation.**
14	Date for opening of Financial Proposal (Online)	**Will be published in due course.**
15	Completion Time	**270 days** from the date of placement of LOA.

6. A complete set of bidding documents may be downloaded by any interested bidder.
7. 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

8. All bids must be accompanied by bid security for an amount of **Rs. 25 Lakh [Rupees Twenty Five only] .**

   Details guidelines herein under for submission of bid-security

   a. The bidder shall login to the e-Procurement portal of Government of West Bengal https://wbtenders.gov.in using his login Id and password.

   b. The bidder shall select the tender to bid and initiate payment of EMD. Following payment options are available for paying EMD amount through online mode:

      i. Net-banking through Payment Gateway.

ii. Submission of EMD through BG: For submission of EMD in the form of BG, bidders will have to opt for EMD Exemption in e-tender portal and upload scanned copy of BG ***i.e. Bank Guarantee of an amount of Rs* 25 *Lakh (with validity for a period of 240 days from the date of opening of Technical Bids with a claim period of another 90 days thereafter)*** along with requisite testimonials for proportional EMD in the EMD exemption document upload section. Physical copy of BG shall be submitted within the stipulated date at the office of the **Chief Engineer (O&M)-II, 10th Floor, D-Block, Bidyut Bhawan.**

For preparation of BG the Bank details of WBSETCL is given below:

STATE BANK OF INDIA
INDUSTRIAL FINANCE BRANCH, KOLKATA
4th & 5Th FOOLR ,JEEVAN DEEP BUILDING,1-MIDDLETON STREET
KOLKATA-700071
A/C No. 41456850307
IFSC CODE : SBIN0001936

c. EMD amount can be paid either in online mode or submitted through Bank Guarantee (BG) in full. Partial payment through online mode and remaining submission through BG is not allowed.

d. GENERAL INSTRUCTIONS FOR ONLINE PAYMENT:

- ► The bidder will have to mandatorily pay through Net-banking facility once Net-banking mode is opted for payment.
- ► Only a single value can be entered as EMD amount in e-tender portal for each tender. However, in case tender has fixed EMD on line item (multiple items) basis, then, for the cases when actual EMD value calculated as per NIT by the bidder is less than the one mentioned in e-tender portal, bidders shall mandatorily opt for Exemption for payment of actual EMD amount and upload the requisite testimonials for proportional EMD and its proportional amount is to be paid in form BG/ online mode.
- ► The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.

e. Refund/Settlement of EMD Amount:

- ► For unsuccessful bidders, EMD amount submitted against the tender shall be refunded automatically, through an automated process, by NIC portal on receipt of updated status of any bid.
- ► For successful bid(s), EMD will be refunded from WBSETCL authority after completion of tendering process and following due procedures.
- ► The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.

► For any queries related to payments and refunds, bidders will have to communicate with ICICI Customer Support, viz, 9836547320 and 8017094744 since payment gateway facility used by E-tender portal is maintained by ICICI.

9. Non submission of the acceptable bid security as specified here, in a sealed cover or submission of bid security of inadequate value shall be rejected by the WBSETCL and in such cases bids shall be considered as non-responsive.

10. Qualifying Requirement for bidders:
In addition to the requirements stipulated under Section, Instruction to Bidders (ITB), the following shall also apply:

The Bidder must have to meet the following conditions:

A. Financial Capability:

i) The Average Annual Turnover for the last three (3) years shall not be less than **Rs 1881.83 Lac.**
ii) **Net worth** at the end of last financial year shall be **313.64 Lac.**
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. 313.64 Lac.**

B. Technical Capability and Experience:

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

I. When the Bidder is a Manufacturer intends to participate in the bid shall have to comply the following criteria:

a) The Bidder shall be a manufacturer of 132 KV or higher voltage class, Copper, XLPE, single core Cable who must have designed, manufactured, type tested and supplied at least 5.0 KM of 132 KV or higher voltage class, Copper, single core XLPE cable in Indian power utility within last 07 (seven) years from the date of NIT. The Bidder shall have performance of operation of such cable for a length not less than 5.0 (five) 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).*

AND

b) The Bidder shall have the performance of successful execution of laying of at least 3.0 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 07 (seven) 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).*

OR

The Bidder may engage separate Erection Contractor who have successfully executed laying of at least 3.0 Km of 132 KV or higher voltage class underground XLPE cable in a single contract with complete, laying & erection of XLPE cable and accessories including testing and commissioning under any power utility in India within last 7 (seven) 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).*

II. When the Bidder is a Turn Key Contractor intends to participate in the Bid, shall have to comply the following criteria:

a) The Bidder may be a Turn Key contractor who have successfully executed laying of at least 3.0 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 7 (seven) 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).*

AND

b) The Bidder shall procure cables form the approved Maker's List of WBSETCL who must have designed, manufactured, type tested and supplied at least 5.0 KM of 132 KV or higher voltage class, Copper, single core XLPE cable in Indian power utility within last 07 (seven) years from the date of NIT. The Bidder shall have performance of operation of such cable for a length not less than 5.0 (five) 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)*

III. The Bidder shall procure Cable jointing material & Cable termination Kits and other required accessories from the approved Maker's List of WBSETCL.

The Bidder shall upload valid and authenticated documents in support of his 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 (**credentials of experience as a JV partner shall not be considered**) 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.

11. Completion period for the project is **270 (two hundred and Seventy) days** from the date of placement of LOA.

12. The tender consist of 04 (four) Price Schedules, two price schedules relating to Supply of equipment and materials etc. and two price schedules relates to corresponding erection of materials/ equipment etc. at the said locations. Bidders are advised to offer their price for all the two schedules. In case any of the price schedules 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.

13. 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.

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

15. **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.

16. **Approved Maker's List of WBSETCL: -** Approved Maker's List of WBSETCL is 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.

17. **Drawings of different Structures & Foundations: -** Drawings of different Structures & Foundations are available at the website of WBSETCL i.e. *www.wbsetcl.in*. The Bidders are requested to download the same from the aforesaid website, but the same is for Tender purpose only.

18. **The quantity as shown in the BoQ is a tentative one. The same may vary during actual execution and the payment will be made as per actual execution.**

19. **ADDRESS FOR COMMUNICATION**

The Chief Engineer: (O&M) - II,
West Bengal State Electricity Transmission Company Limited,
10th Floor, "D" Block,
Block -DJ, Bidyut Bhavan,
Sector –II, Salt Lake City,
Kolkata -700091.

Fax : 91-33-2359-1901
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E-mail : cecontcl@gmail.com
Website : www.wbsetcl.in