

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 01 NO. 400 KV, 125 MVAR, SWITCHABLE BUS REACTOR BAY AT ARAMBAG 400 KV SUB STATION AND ALLIED WORK ON TURN KEY BASIS.

[Domestic Competitive Bidding]

NIT No: CE/ (O&M) – II/ARAMBAG/ REACTOR/ 2017-18/23, DATED 13.12.2017

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 01 No., 400 KV, 125 MVAR, Switchable Bus Reactor Bay at Arambag 400 KV Sub Station and allied work as defined in the bid document on 'Turn-key Basis' against NIT No. CE/ (O&M) – II/ARAMBAG/ REACTOR/ 2017-18/23, DATED 13.12.2017.
2. **SCOPE OF WORK** : The work covered under this tender shall be but not limited to the following:-

A) **SUPPLY:-**

Supply and delivery of all outdoor and indoor equipments with associated structures, connectors, hardware fitting, conductors, bus pipes, etc. conforming to Technical Specification and approved drawings for 01 No., 400 KV, 125 MVAR, Switchable Bus Reactor at Arambag 400 KV Sub Station and allied work on Turn Key basis.

B) **ERECTION:-**

The scope includes the following but not limited to:

- **Civil Foundation:** All the civil foundation works of equipments/Structures/tower including Cable trenches conforming to Technical Specification and approved drawings.
- **Equipment:** Erection of equipment with associated structures, necessary connections through drawal of bus/conductors complete as per requirement for successful commissioning of 01 No., 400 KV, 125 MVAR, Switchable Bus Reactor at Arambag 400 KV Sub Station and allied work on Turn Key basis as per Technical Specification and approved drawings.

- Earthing: All works related to extension of earth – mat wherever necessary as per BOQ, proper earthing of all equipment and structures along with treated and untreated earth pit including auxiliary earth mat for Isolators, wherever necessary etc. as per Technical Specification and approved drawings.
 - Crushed Stone: Spreading of 100 mm. thick washed Crushed Stone over switch yard surface over a layer of 75 mm thick 1:5:10 cement, sand, jhama khoa/ crushed stone.
3. Estimated Cost for the Project: - **Rs. 1138.50 Lac (Rupees Eleven Crores Thirty Eight Lac and Fifty Thousand) only.**
 4. **WBSETCL** intends to finance this package through Power System Development Fund (PSDF).
 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/ARAMBAG/ REACTOR/2017-18/23, DATED 13.12.2017.
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	13.12.2017
3	Documents download/sell start date (Online)	13.12.2017 from 05.00 P.M.
4	Documents download/sell end date (Online)	10.01.2018 up to 03:00 P.M.
5	Start date of hard copy submission/ on line submission of clarification/pre-bid queries/ proposed modifications/additional information (if any)	14.12.2017 from 11.00 A.M.
6	Closing date of hard copy submission/ on line submission of clarification/pre-bid queries/ proposed modifications / additional information (if any)	20.12.2017 up to 03.00 P.M.
7	Pre-bid meeting to be held at Office of the Chief Engineer: (O&M) – II, 10 th Floor, D-Block Bidyut Bhawan.	22.12.2017 at 2.30 P.M.
8	Bid submission start date (On line)	27.12.2017 from 09:00 A.M.
9	Bid Submission closing (On line)	10.01.2018 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)	11.01.2018 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.	11.01.2018 up to 01:00 P.M.
12	Bid opening date for Technical Proposals (Online)	12.01.2018 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	Cost of Bidding Document	Rs. 5000/- (Rupees Five Thousand Only)
16	Completion Time	365 days from the date of placement of LOA.

6. 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: (O&M) - II, D- Block, 10th Floor, WBSETCL, Bidyut Bhawan on or before **11.01.2018 up to 01.00 P.M.**
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 23.00 Lac [Rupees Twenty Three Lac 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: (O&M) - II, 10th Floor, D-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 given below:

CANARA BANK

SECTOR III SALT LAKE CITY KOLAKATA 700091

ACCOUNT NO: 2549201000230

IFSC CODE CNRB0002549

9. 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.

10. Qualifying Requirement for bidders:

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

Bidder can be an Indian Manufacturer or Indian EPC Sub Station Erection Contractor meeting the Qualifying Requirements as below:

1. Technical Qualification:-

(A) Technical qualification of the manufacturer as Bidder:-

- (i) The manufacturer should have experience of manufacturing, testing and supply at least **01 (one) No.** 400 KV, 50 MVAR or higher capacity Switchable Bus Reactor with all accessories being offered in this Tender during last five (5) years as on the date of NIT and the same should have been in satisfactory operation for a period of at least one (1) year in any Power utility in India as on the date of NIT.

Erection Criteria for bidder as manufacturer:-

- i) The bidder should have experience for erection of at least **01 (One) No.** 400 KV, 50 MVAR or higher capacity Switchable Bus Reactor with all accessories during last five (5) years as on the date of NIT and the same should have been in satisfactory operation for a period of at least one (1) year in any Power utility in India as on the date of NIT.

OR

- ii) The bidder has to propose an erection contractor who fulfils the above criteria to that effect the bidder must furnish relevant document i.r.o. erection contractor be responsible for the total works up to completion.

(B) Technical qualification for Indian EPC Sub Station Erection contractor as Bidder:-

- (a) The bidder should have experience for supply, erection, testing and commissioning of at least **01 (One) No.** 400 KV, 50 MVAR or higher capacity Switchable Bus Reactor with all accessories during last five (5)

years as on the date of NIT and the same should have been in satisfactory operation for a period of at least one (1) year in any Power utility in India as on the date of NIT.

- (b) The bidder should procure 400 KV, 125 MVAR Switchable Bus Reactor with all accessories from the original manufacturer having qualification requirements stipulated in 1 (A) (i) above.
- (c) The bidder should procure all other equipments and materials from the approved maker's list of WBSETCL.

[The above information is to be supported by certificate stating successful completion and satisfactory performance certificate and Taking over Certificate [TOC] of the relevant contract executed.]

2. 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. 1710.00 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. 285.00 Lac.**

3. 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.

4. 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.

11. Completion period for the project is **365 (three hundred and sixty five) days** from the date of placement of LOA.
12. The tender consist of 02 (two) Price Schedules, one price schedules relating to Supply of equipment and materials etc. and one 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 queries 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 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.
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.

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