

Section I - NOTICE INVITING TENDER

ABRIDGED NOTICE INVITING TENDER

WBSETCL

(A Govt of West Bengal Enterprise)

CHIEF ENGINEER (PROCUREMENT), VIDYUT BHAVAN

NOTICE INVITING TENDERS

For

SUPPLY AND INSTALLATION OF 125 MVAR SWITCHABLE BUS REACTOR ALONG WITH ITS ONE NO. 400 KV GIS BAY AT NEW PPSP 400KV (GIS) SUB-STATION, DISTRICT - PURULIA AND CONSTRUCTION OF 132 KV GIS SUBSTATION AT GAIGHATA (DISTRICT – 24 PARGANAS NORTH)
[Package-66]
[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 (**Power Transformers to be supplied by WBSETCL whereas Switchable Reactor to be supplied by the Bidder**), erection, testing and commissioning including transportation & insurance, storage in respect of :
 - a) **Supply and Installation of 125MVAR Switchable BUS REACTOR along with its 1 no. 400 KV GIS bay at NEW PPSP 400KV (GIS) sub-station, District - Purulia**
 - b) **Construction of 132 KV GIS substation at Gaighata, District - 24 Parganas (North)**

and other associated works as defined in the bid document on ‘**Turn-key Basis**’ against **NIT No. CE(P)/WBSETCL/Sub-stn Pkg-66/19-20/16 DT 26.09.2019.**

Interested Bidder may download the Bid documents from **26.09.2019 from 11.00 A.M. and Bids shall be submitted online up to 4.00 P.M. on 19.11.2019.**

WBSETCL intends to finance this package through Loan/Bond.

Intending bidder may download the tender documents from the website <http://etender.wb.nic.in> OR wbenders.gov.in directly with the help of Digital Signature Certificate. 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 **20.11.2019 up to 03.00 P.M.**

DETAILED NOTICE INVITING TENDER

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

(A Govt of West Bengal Enterprise)

CHIEF ENGINEER (PROCUREMENT), VIDYUT BHAVAN

NOTICE INVITING TENDERS

For

**SUPPLY AND INSTALLATION OF 125 MVAR SWITCHABLE BUS REACTOR ALONG WITH ITS BAY AT NEW PPSP 400KV (GIS) SUB-STATION, DISTRICT - PURULIA AND CONSTRUCTION OF 132 KV GIS SUBSTATION AT GAIGHATA (DISTRICT - 24 PARGANAS NORTH)
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and other associated works as defined in the bid document on 'Turn-key Basis' against **NIT No. CE(P)/WBSETCL/Sub-stn Pkg-66/19-20/16 DT 26.09.2019.**

2. **SCOPE OF WORK:**

The brief scope of work is as under:

The work covered under this package is for construction of sub-station and bays on Turn-Key basis as briefed below:

A	Supply and Erection of 420 KV, 125 MVAR, 3-phase Bus-Reactor suitable for NIFPS with Bushing CTs (as per core details of WBSETCL CT specification) at New PPSP 400 KV GIS substation along with its one no. 400 KV GIS Bay.
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B	<p>CONSTRUCTION OF 132/33 KV GIS SUBSTATION AT GAIGHATA, DISTRICT – 24 PARGANAS (NORTH)</p> <p>The linking substation for establishment of telecommunication with Gaighata substation are Jeerat and Ashokenagar sub-stations, WBSETCL.</p>
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This also includes the following but not limited to:

Preparation of Sub-station layouts, detailed engineering, supply & delivery of all Sub-stations structures including equipment structures, GIS equipments and associated outdoor equipments conforming to technical specification and as per Schedule , civil foundations, GIS buildings, control building, utility buildings/quarters etc as applicable as furnished in the Bid document and other civil works etc along with erection, testing and commissioning of substations in all respects including Fiber Optic Communication 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.

2.1 Schedule of Work:

	Package no	Name of sub-station	Brief scope of works	Status of Sub-station and Completion time
1	66	125 MVAR Switchable Bus reactor	420 KV, 125 MVAR, 3-phase Bus-Reactor suitable for NIFPS with Bushing CTs (as per core details of WBSETCL CT specification) and as detailed in the BOQ along with its 1 no. 400 KV GIS Bay.	Existing Completion time 15 Months from the date of LOA
2	66	Gaighata 132 KV GIS	132/33 KV GIS SS comprising of : a) 132 KV: 4 numbers 132 KV Feeder Bays, 2 number 132 KV Transformer Bay, 1 no. (One) Bus coupler Bay, 3 phase Bus PT, each for Main Bus-I & Main Bus-II with disconnectors & earth switch , Disconnector with earthing arrangement at both the Main Bus I & II for future extension and other required equipment & accessories like Bus Earth Switch etc. to complete the GIS system as	New Completion time 18 Months from the date of LOA

			<p>detailed in Schedule of Works.</p> <p>b) 33 KV - 36 KV, 31.5KA for 3sec Indoor, floor mounted drawout Switchgear Assembly (2500A Bus rating with Copper Bus Bar) with VCB and bus earthing arrangement from both side, including Protection Relays, control & annunciation equipment and other accessories complete as per technical specification and requirement comprising of - 12sets of Outgoing Feeder Bays, (capacity 1250A), 2 nos. Transformer Bays (2000 A Breaker Capacity and CT ratio of 2000-1000/1-1-1A) (LV side of 2 nos 50 MVA 132/33 KV Transformer with Earthing Transformer Connected at the LV side of the main transformer via 33 KV cable) 2 nos. Station service transformer bay (1250 A Capacity), 2 nos Capacitor Bay (1250 A), 1 Bus section Bay (2500 A Breaker Capacity and CT ratio of 2500/1-1Amp) and 2(two) set of 3 phase Bus PT - 5 limb with isolation arrangement along with other required equipment and accessories like Bus earthing arrangement etc to complete the system as detailed in the Schedule of Works.</p>	
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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 :

	Particulars	Date & Time
1	Bidding document No	CE (P) / WBSETCL / Sub-stn Pkg-66/19-20/16 DT 26.09.2019
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	26.09.2019 from 10.00 A.M.
3	Documents download/sell start date (Online)	26.09.2019 from 11.00 A.M.

4	Documents download/sell end date (Online)	26.09.2019 up to 3:00 P.M.
5	Start date of hard copy submission of clarification/pre-bid queries / proposed modifications / additional information (if any)	26.09.2019 from 2.00 P.M.
6	Closing date of hard copy submission of clarification/pre-bid queries/proposed modifications / additional information (if any)	18.10.2019 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 Bhawan.	25.10.2019 at 11.30 A.M.
8	Bid submission start date (On line)	14.11.2019 from 9:00 A.M.
9	Bid Submission closing (On line)	19.11.2019 up to 4.00 P.M.
10	Last Date of submission of original copies for the cost of Bidding Documents and Earnest Money Deposit (Off line)	20.11.2019 up to 03.00 P.M.
11	Last date of submission of the legally enforceable documents as mentioned in General guidelines for e-tendering in sealed envelope.	20.11.2019 up to 03:00 P.M.
12	Bid opening date for Technical Proposals (Online)	21.11.2019 from 4.00 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 (INCLUSIVE OF 18 % GST)	Rs 5900/- (Rs Five Thousand Nine Hundred Only)

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 **20.11.2019 up to 03.00 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 Crore 12 Lakh [Rupees One Crore Twelve 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 given below:

CANARA BANK

SECTOR III SALT LAKE CITY KOLAKATA 700091

ACCOUNT NO: 2549201000230

IFSC CODE CNRB0002549

6.0 Qualifying Requirement for bidders:

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

6.1 Technical Qualification

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

- i) The bidder, must have successfully erected, tested and commissioned on supply cum erection basis 400 KV or higher KV class complete **Indoor** GIS substation, including complete design and engineering (both electrical and civil), under Turnkey contract, in India whose Order/Executed value in a single order shall not be less than **Rs 33.70 Crore (Rupees Thirty Three Crore Seventy Lakh)** as specified in 6.3 (iv).

Such complete substation must have minimum 3 (three) circuit breaker equipped GIS bays of voltage rating of 400 KV or above at 40 KA short circuit level or higher under Turnkey contract in India including complete design and engineering (both electrical and civil) during last 5 years from the date of bid submission which must be in successful operation for at least one year from the date of Bid submission. The bidder should submit history of past supply, client's certificate in support of satisfactory operation of rated KV or above KV class Indoor Gas Insulated Substation meeting the criteria as mentioned above. Credentials as Joint Venture shall not be considered

- ii) WBSETCL reserves the right to assess the performance of the bidder having one or more ongoing/commissioned contracts awarded to them by WBSETCL on the basis of its (WBSETCL's) average Vendor Rating Score in respect of erection part of the Contract(s). The average score computed from the marks achieved by the bidder in the last one (1) year from the final date of bid submission of the tender shall not be less than **50** marks.

Average score is derived by averaging the scores achieved by the bidder in the last 12 months from the final bid submission date. The score of the

Bidder shall be as per the "Performance of sub-station Vendor" in each month.

- iii) All equipments including GIS module must be supplied from any of the approved vendors of WBSETCL as available in the makers list uploaded in the company website. A declaration in this regard shall have to be furnished as a supporting document.
- iv) All GIS equipment offered for this package should have been type tested within the last 10 (Ten) years.
- v) Bidders must supply Reactor from a manufacturer complying the following criteria:
 - a) An original manufacturer of the same or higher rated (both in form voltage class and Reactive power rating) Reactor having manufacturing plant in India.
 - b) The Reactor manufacturer must have delivered at least 1 number of same or higher rated (both in form Voltage and Reactive Power rating) reactors during last 5 (five) financial years from the date of final bid submission to any Power Utility in India.
 - c) The same or higher rated (both in form voltage and Reactive power rating) reactors must have been in successful operation in any Indian Power Utility for not less than one (01) year as on date of final bid submission.

6.2 Personnel Capability

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. **However, installation, testing and commissioning of GIS equipments shall be done under direct supervision of the original GIS equipment manufacturer.**

6.3 Financial

- i) The **Net worth** at the end of last financial year shall be not less than **Rupees 14 Crore (Rupees Fourteen Crore Lakh)** only.
- ii) The **average yearly turnover** over the last three financial years shall not be less than **Rupees 56.10 Crore (Rupees Fifty Six Crore Ten Lakhs)** only.
- iii) **Liquid Asset** must not be less than **9.40 Crore (Rupees Nine Crore and Forty Lakh)**. Bidders shall have Liquid Asset (LA) and/or evidence of access to or availability of credit facilities of equivalent amount.
- iv) Single Order Value of the substation project executed in terms of Technical QR Clause 6.1 (i) should not be less than **Rs 33.70 Crore (Rupees Thirty Three Crore Seventy Lakh)** only.

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 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 : 91-33-23197395/ 91-33-23591956

E-mail : prebidqueries@gmail.com (ONLY FOR PRE BID QUERIES)

ANY OTHER COMMUNICATION: ceprocurement_wbsetcl@rediffmail.com

Website : www.wbsetcl.in