

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

**CONSTRUCTION OF 132/33 KV GIS SUB-STATION AT BURDWAN,
DISTRICT -BURDWAN ALONG WITH 2 NOS OF 132 KV GIS LINE
BAYS AT BAGNAN 132/33 KV GIS SUB-STATION DISTRICT –
HOWRAH**

(Packge-43)

[Domestic Competitive Bidding]

NIT No: CE(P)/WBSETCL/Sub-stn Pkg-43/16-17/12 DT 23.11.2016

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**), erection, testing and commissioning including transportation & insurance, storage in respect of Burdwan 132/33 KV GIS substation, District – Burdwan along with 2 nos 132 KV GIS Line Bays at Bagnan 132/33 KV GIS sub-station, District – Howrah and other associated works as defined in the bid document on ‘**Turn-key Basis**’ against **NIT No. CE (P)/WBSETCL/Sub-stn Pkg-43/16-17/12 DT 23.11.2016**.

2. **SCOPE OF WORK:**

The brief scope of work is as under:

The work covered under this package is for construction of SUBSTATION AND BAYS on Turn-Key basis as briefed below:

A	132/33 KV GIS sub-station at Burdwan, District - Burdwan along with Communication System.
B	Construction of 2 nos 132 KV GIS Feeder bay at Bagnan sub-station, District – Howrah and its associated works.
C	The linking substations for establishment of telecommunication with Burdwan sub-station are Mahachanda 132/33 KV sub-station and Satgachia 132/33 KV sub-station, WBSETCL.

D	The linking sub-stations for establishment of telecommunication with Bagnan sub-station are Uluberia 132/33 KV sub-station and KTPS sub-station, WBSETCL.
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This also includes the following but not limited to:

Preparation of Sub-station layout, 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 substation 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:

Sl no	Package no	Name of sub-station	Brief scope of works	Status of Sub-station
1	43	Burdwan 132/33 KV GIS substation	<p>(i) 132/33 KV GIS SS comprising of :</p> <p>(a) 132 KV - 4 numbers 132 KV Feeder Bays, 3 numbers 132 KV Transformer Bay, 1 no. Bus coupler Bay, 2 nos. Bus PT for Main Bus-I & Main Bus-II with disconnectors & earth switch as detailed in Schedule of Works.</p> <p>c) 33 KV - 33 KV Indoor Draw out type VCB switchgear assembly complete comprising of 10 nos outgoing Feeder bays, 3 nos Incoming Transformer bay including Line PT, 1 nos Bus coupler bay including 2 set of Bus PT, 2 nos for Capacitor bank bay; 1 no. Bus coupler bay and 4 nos. (four) Disconnector for connection of 33 KV cable of 2 nos. Stn Service and 2</p>	New

			nos. Earthing Tr. to 33 KV Indoor switch gear bus and other required equipment & accessories to complete the indoor switchgear system.	
2	43	Bagnan	Construction of 2 nos 132 KV GIS Line bay at Bagnan 132 KV sub-station as detailed in Schedule of Works.	Existing
3	43		The above scope shall also include supply, delivery, erection, testing and commissioning of Communication System works at linking substations along with other works as laid down in the bidding documents and Schedule of Works.	

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(P)/WBSETCL/Sub-stn Pkg-43/16-17/12 DT 23.11.2016.
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	23.11.2016 from 10.00 A.M.
3	Documents download/sell start date (Online)	23.11.2016 from 11.00 A.M.
4	Documents download/sell end date (Online)	10.01.2017 up to 3:00 P.M.
5	Start date of hard copy submission of clarification/pre-bid queries/proposed modifications/additional information (if any)	23.11.2016 from 2.00 P.M.
6	Closing date of hard copy submission of clarification/pre-bid queries/proposed modifications / additional information (if any)	03.12.2016 up to 12.30 P.M.
7	Pre-bid meeting to be held at Office of the Chief Engineer (Procurement), 10 th Floor, B-Block Bidyut Bhawan.	16.12.2016 at 11.30 A.M.

8	Bid submission start date (On line)	03.01.2017 from 9:00 A.M.
9	Bid Submission closing (On line)	10.01.2017 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)	13.01.2017 up to 02.00 P.M.
11	Last date of submission of the legally enforceable documents as mentioned in General guidelines for e-tendering in sealed envelope.	16.01.2017 up to 2:00 P.M.
12	Bid opening date for Technical Proposals (Online)	14.01.2017.2016 from 11:00 A.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/- (Rs Five Thousand 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 **13.01.2017 up to 02.00 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 60 Lakh [Rupees Sixty 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.

- 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

A) Technical Qualification of the manufacturer of GIS equipment as the Bidder:

- (i) The Bidder/parent Licensee should have experience of design, manufacturing, testing and supply of Rated KV or higher class GIS assembly as per this tender having minimum 3 (three) nos. complete GIS bays including one number circuit breaker feeder bay, one number circuit breaker transformer bay which have already been installed and commissioned in India during last 5 years from the date of bid submission and the said GIS equipment are under satisfactory operation for at least one year on date of Bid submission. *The Bidder must have established their GIS manufacturing unit in India with authentic technology transfer from parent licensee, if any for which necessary undertaking/agreement with the parent licensee must be submitted along with the Bid.*
- (ii) The bidder, must have successfully erected, tested and commissioned on supply cum erection basis Rated KV or higher class substation as per this tender, (either AIS or GIS) under Turnkey contract in India including complete design and engineering (both electrical and civil), having at least 3(three) nos. Rated KV or higher KV class complete bays including one number feeder bay, one number transformer bay in India 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.
- (iii) All equipment including GIS equipment offered for this package shall be type tested within the last 10 (Ten) years.

B) Technical Qualification for Indian EPC sub-station contractor as Bidder:

- (i) The bidder, must have successfully erected, tested and commissioned on supply cum erection basis Rated KV or higher class substation as per this tender, (either AIS or GIS) under Turnkey contract in India including complete design and engineering (both electrical and civil), having at least 3(three) nos. Rated KV or higher KV class complete bays including one number feeder bay, one number transformer bay in India 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.
- (ii) The bidder shall supply Rated KV or higher class GIS equipment as per this tender from any national / internationally reputed manufacturer of GIS equipment who meets the QR as laid down in Serial 6.1) A) (i) above. However, the Bidder must obtain authorization from the manufacturer of GIS equipment meeting the above criteria supported by **legally enforceable undertaking jointly with the GIS manufacturer** to guarantee quality, timely supply, performance, service support, availability of spares during lifecycle of the offered equipments and defect liability obligations as specified in the relevant technical specification and General Condition of Contract.

The same is also applicable if bidders' parent company (principals) is the supplier of GIS equipment.

- (iii) All equipment including GIS equipment offered for this package shall be type tested within the last 10 (ten) years.

Supporting documents in favour of all the above mentioned requirement shall have to be uploaded by the Bidder. Failure to furnish any or all information as required as a part of Bid document in every respect will be at the Bidder's risk and may result in rejection of the Bid.

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 8.00 Crore (Rupees Eight Crore)** only.
- II. The average yearly turnover over the last three financial years shall not be less than **Rupees 30 Crore (Rupees Thirty Crore)** 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.

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