

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 220/132/33 KV GIS SUB-STATION AT NEW  
TOWN II C , DISTRICT -24 PARGANAS NORTH ALONG WITH 2  
NOS OF 220 KV AIS FEEDER BAYS AT DOMJUR SUB-STATION  
DISTRICT - HOWRAH  
(Packge-40)  
[Domestic Competitive Bidding]**

NIT No: CE(P)/WBSETCL/Sub-stn Pkg-40/15-16/47 DT 11.03.16

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 New Town AA II C 220/132/33 KV GIS substation, District – 24 Parganas (North) along with 2 nos 220 KV AIS Feeder Bays at Domjur 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-40/15-16/47 DT 11.03.16**.

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	220/132/33 KV GIS sub-station at New Town AA II C along with Communication System.
B	Construction of 2 nos 220 KV AIS Feeder bays at Domjur 132 KV sub-station and its associated works.
C	The linking substations for establishment of telecommunication with New Town AA II C sub-station is Rajarhat 400/220/132 KV (PGCIL).

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	40	New Town AA II C 220/132/33 KV GIS	<p><b>(i) 220/132/33 KV GIS SS comprising of :</b></p> <p><b>(a)</b> 2 numbers 220 KV Feeder Bays, 4 numbers 220 KV Transformer Bay, 1 no. Bus coupler Bay, 2 nos. Bus PT for Main Bus-I &amp; Main Bus-II with disconnectors &amp; earth switch as detailed in Schedule of Works.</p> <p><b>(b)</b> 2 numbers 132 KV Feeder Bays, 2 numbers 132 KV Transformer Bay, 1 no. Bus coupler Bay, 2 nos. Bus PT for Main Bus-I &amp; Main Bus-II with disconnectors &amp; earth switch as detailed in Schedule of Works.</p> <p><b>c)</b> 33 KV Indoor Draw out type VCB switchgear assembly complete comprising of 10 nos outgoing Feeder bays, 2 nos Feeder bays (Capacitor bank); 2 nos transformer bay, 1 no. Bus coupler bay and 4 nos disconnector link for station service and earthing transformer as detailed in Schedule of Works.</p>	New

2	40	Domjur	(i) Construction of 2 nos 220 KV AIS Feeder bays at Domjur 132 KV sub-station as detailed in Schedule of Works.	Existing
3	40		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-40/15-16/47 DT 11.03.16.
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	11.03.2016 from 10.00 A.M.
3	Documents download/sell start date (Online)	11.03.2016 from 11.00 P.M.
4	Documents download/sell end date (Online)	02.05.2016 up to 3:00 P.M.
5	Start date of hard copy submission of clarification/pre-bid queries/proposed modifications/additional information (if any)	11.03.2016 from 2.00 P.M.
6	Closing date of hard copy submission of clarification/pre-bid queries/proposed modifications / additional information (if any)	28.03.2016 up to 12.30 P.M.
7	Pre-bid meeting to be held at Office of the Chief Engineer (Procurement), 10 <sup>th</sup> Floor, B-Block Bidyut Bhawan.	12.04.2016 at 11.30 A.M.
8	Bid submission start date (On line)	02.05.2016 from 9:00 A.M.

9	Bid Submission closing (On line)	10.05.2016 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)	11.05.2016 up to 02.00 P.M.
11	Last date of submission of the confirmatory hard copy of the techno-commercial Bid in sealed envelope.  <b>N.B. The Confirmatory hard copy of the Techno-commercial bid shall be opened on the date and time of online opening of the Techno-commercial bid in presence of the attending representatives of the Bidders – if any.</b>	11.05.2016 up to 2:00 P.M.
12	Bid opening date for Technical Proposals (Online)	12.05.2016 from 12:00 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	<b>Rs 5000/- (Rs Five Thousand Only)</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 the Chief Engineer (Procurement), B- Block, 10<sup>th</sup> Floor, WBSETCL, Bidyut Bhawan on or before **11.05.2016 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 1 Crore 20 Lakh [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.

#### 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.
- (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 as well as its hard copy is to be enclosed along with the confirmatory hard copy of the Techno-commercial Bid. 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 15.00 Crore (Rupees Fifteen Crore)** only.
- II. The average yearly turnover over the last three financial years shall not be less than **Rupees 53 Crore (Rupees Fifty Three 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, 10<sup>th</sup>.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 : [ceprocurement\\_wbsetcl@rediffmail.com](mailto:ceprocurement_wbsetcl@rediffmail.com)

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