

## 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

**CONSTRUCTION OF 132 KV GIS SUBSTATION AT MONDARMONI (DISTRICT – PURBA MEDINIPUR) ALONG WITH SUPPLY AND ERECTION OF 400 KV, 125 MVAR BUS REACTOR AT NEW PPSP 400 KV GIS SUBSTATION, DISTRICT –PURULIA AND 2 NOS 220 KV AIS FEEDER BAYS AT KRISHNANAGAR 220 KV AIS SUBSTATION, DISTRICT-NADIA**

**[Package-68]**

**[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 (**including Supply of Power Transformers**), erection, testing and commissioning including transportation & insurance, storage in respect of Construction of 132 KV GIS substation at Mondarmoni, District - Purba Medinipur along with Supply and Erection of 400 KV 125 MVAR Bus Reactor at New PPSP 400 KV GIS substation, District –Purulia and 2 nos. 220 KV AIS Line Bays at Krishnanagar 220 KV AIS substation and other associated works as defined in the bid document on ‘**Turn-key Basis**’ against **NIT No. CE(P)/WBSETCL/Sub-stn Pkg–68/20-21/09 DT 26.08.2020.**

Interested Bidder may download the Bid documents from **26.08.2020 from 11.00 A.M. and Bids shall be submitted online up to 4.00 P.M. on 23.09.2020.**

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 [wbtenders.gov.in](http://wbtenders.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, 10<sup>th</sup> Floor, WBSETCL, Bidyut Bhawan on or before **24.09.2020 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

**CONSTRUCTION OF 132 KV GIS SUBSTATION AT **MONDARMONI**  
(DISTRICT – PURBA MEDINIPUR) ALONG WITH SUPPLY AND  
ERECTION OF 400 KV, 125 MVAR BUS REACTOR AT NEW PPSP  
400 KV GIS SUBSTATION, DISTRICT –PURULIA AND 2 NOS 220  
KV AIS FEEDER BAYS AT **KRISHNANAGAR** 220 KV AIS  
SUBSTATION, DISTRICT-NADIA  
[Package-68]  
[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 (**including Supply of Power Transformers**), erection, testing and commissioning including transportation & insurance, storage in respect of Construction of 132 KV GIS substation at Mondarmoni, District - Purba Medinipur along with Supply and Erection of 400 KV 125 MVAR Bus Reactor at New PPSP 400 KV GIS substation, District –Purulia and 2 nos. 220 KV AIS Line Bays at Krishnanagar 220 KV AIS substation and other associated works as defined in the bid document on ‘**Turn-key Basis**’ against **NIT No. CE(P)/WBSETCL/Sub-stn Pkg–68/20-21/09 DT 26.08.2020.**

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 bayson Turn-Key basis as briefed below:

A	<i>CONSTRUCTION OF 132/33 KV GIS SUBSTATION AT <b>MONDARMONI</b>, DISTRICT –PURBA MEDINIPUR INCLUDING SUPPLY AND ERECTION OF 5 NOS 50 MVA POWER TRANSFORMER suitable for NIFPS. The linking substation for establishment of telecommunication with Mondarmoni substation is Ramnagar sub-station, WBSETCL.</i>
B	<i>SUPPLY AND ERECTION OF 420 KV, 125 MVAR, 3-PHASE BUS-REACTOR SUITABLE FOR NIFPS WITH BUSHING CTS (AS PER</i>

	CORE DETAILS OF WBSETCL CT SPECIFICATION) AT NEW PPSP 400 KV GIS SUBSTATION.
C	<i>CONSTRUCTION OF 2 NOS 220 KV AIS LINE BAYS AT KRISHNANAGAR 220 KV AIS SUBSTATION</i>

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 equipment and associated outdoor equipment 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, 10<sup>th</sup>. Floor  
B Block,  
SaltLake, 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	68	<b>Mondarmoni 132 KV GIS</b>	<b>132/33 KV GIS SS comprising of :</b> <b>a) 132 KV:</b> 2 numbers 132 KV Feeder Bays, 5 number 132 KV Transformer Bay along with Supply and Erection of 5 nos 50 MVA Power Transformers suitable for NIFPS, 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, Other required equipment & accessories like Bus Earth Switch etc. to	New <b>Completion time 18 Months from the date of LOA</b>

			complete the GIS system.  <b>b) 33 KV-</b> 33 KV, 1600A, 31.5 KA for 3sec, VCB, 3Ph Assembly with support structure complete - for feeder, transformer & bus transfer bay AND 33 KV, 2500A, 31.5 KA for 3sec, VCB, 3Ph Assembly with support structure complete - for bus coupler bay	
2	68	<b>New PPSP 125 MVAR Bus Reactor</b>	Installation of 420 KV, 125 MVAR, 3-phase Bus-Reactor suitable for NIFPS with Bushing CTs (as per core details of WBSETCL CT specification) along with 420KV,50KA for 1sec, 2000A, SF6 Gas Insulated, Single phase Bus Duct with all associated support structures, nuts & bolts and other fixing arrangement including anchor fasteners etc as detailed in the Schedule of Works.	Existing <i>Completion time 12 Months from the date of LOA</i>
3	68	<b>Krishnanagar 220 KV AIS substation</b>	Construction of 2 nos 220 KV AIS line bays at Krishnanagar 220 KV AIS substation	Existing <i>Completion time 12 Months from the date of LOA</i>

3.0 WBSETCL intends to finance this package through Loan/Bond. However, the work for Mondarmoni substation is to be carried out as a deposit work for WBSEDCL, in respect of which the following shall prevail:

- (i) The Successful Bidder shall have to raise all invoices for Mondarmoni in the name of WBSEDCL, C/O WBSETCL and will use GSTIN of WBSEDCL in all supply and Service invoices.
- (ii) WBSETCL while making payment would recover and deposit TDS under Income tax Laws and TDS under GST Laws (when applicable) as applicable for work performed by WBSETCL on behalf of WBSEDCL, using TAN and GST of WBSEDCL for filing returns.
- (iii) E-way bill will be generated in the name of WBSEDCL for the scope of Supplies under the deposit work.

- (iv) The GSTIN of WBSEDCL shall be made available to the successful bidder in the LOA.
- (v) The Paying authority will be WBSETCL.
- (vi) Materials supplied for this Mondarmoni substation cannot be transferred to any other work included in this Package and vice versa.

4.0 Detailed Specification , scope of work and conditions are given in the bidding documents as per the following schedule :

	<b>Particulars</b>	<b>Date &amp; Time</b>
<b>1</b>	<b>Bidding document No</b>	<b>CE (P)/WBSETCL/Sub- stn Pkg-68/20-21/09 DT 26.08.2020</b>
<b>2</b>	<b>Date of uploading of N.I.T. &amp; other Documents (online) (Publishing Date)</b>	<b>26.08.2020 from 10.00 A.M.</b>
<b>3</b>	<b>Documents download/sell start date (Online)</b>	<b>26.08.2020 from 11.00A.M.</b>
<b>4</b>	<b>Documents download/sell end date (Online)</b>	<b>23.09.2020 up to 3:00 P.M.</b>
<b>5</b>	<b>Start date of hard copy submission of clarification/pre-bid queries/proposed modifications/additional information (if any)</b>	<b>26.08.2020 from 2.00 P.M.</b>
<b>6</b>	<b>Closing date of hard copy submission of clarification/pre-bid queries/proposed modifications / additional information (if any)</b>	<b>02.09.2020 up to 4.00 P.M.</b>
<b>7</b>	<b>Pre-bid (VIRTUAL/PHYSICAL) meeting to be held at Office of the Chief Engineer (Procurement), 10<sup>th</sup> Floor, B-Block Bidyut Bhawan.</b>	<b>08.09.2020 at 11.30 A.M.</b>
<b>8</b>	<b>Bid submission start date (On line)</b>	<b>18.09.2020 from 9:00 A.M.</b>
<b>9</b>	<b>Bid Submission closing (On line)</b>	<b>23.09.2020 up to 4.00 P.M.</b>
<b>10</b>	<b>Last Date of submission of original copies for the cost of Bidding Documents and Earnest Money Deposit (Off line)</b>	<b>24.09.2020 up to 3.00 P.M.</b>
<b>11</b>	<b>Last date of submission of the legally enforceable documents as mentioned in General guidelines for e- tendering in sealed envelope.</b>	<b>24.09.2020 up to 03:00 P.M.</b>

<b>12</b>	<b>Bid opening date for Technical Proposals (Online)</b>	<b>25.09.2020from 4.00P.M.</b>
<b>13</b>	<b>Date of uploading list for Technically Qualified Bidder(online)</b>	<b>Will be uploaded after completion of the techno-commercial evaluation.</b>
<b>14</b>	<b>Date for opening of Financial Proposal (Online)</b>	<b>Will be published in due course.</b>
<b>15</b>	<b>Cost of Bidding Document(INCLUSIVE OF 18 % GST)</b>	<b>Rs 5900/- (Rs Five Thousand Nine Hundred 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 **24.09.2020up 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 36 Lakh [Rupees One Crore Thirty SixLakh 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.

**STATE BANK OF INDIA**

**CF BLOCK, SALT LAKE, CF-351, SECTOR-I, BIDHANNAGAR, KOLKATA 700064**

**ACCOUNT NO: 31279958953**

**IFSC CODE SBIN0012360**

- 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) a)** The bidder, must have successfully erected, tested and commissioned on supply cum erection basis 220 KV or higher KV class complete GIS substation (Normal or Hybrid) as per this tender, 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 **40.82 Crore** of the NIT Cost Estimate as specified in 6.3 (iv). Such complete substation must have at least 5 (five) nos. Rated KV or higher KV class complete bays including two numbers feeder bay and two numbers transformer bay in India during last 7 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 gas insulated substation meeting the criteria as mentioned above. Credentials as Joint Venture shall not be considered.

**OR**

**i). b.** Any WBSETCL enlisted GIS equipment manufacturer, who has established manufacturing and testing facility in India for 220 KV or higher voltage class GIS as Subsidiary/Group company by its parent/principal but not meeting the requirement stipulated above shall also be considered provided:

**1)** The bidder, must have manufactured, at least 3 nos 220 KV or higher voltage class GIS Circuit breaker bays based on technological support of the parent/principal and provided that the parent/principal meets the requirement as stated in 6.1.i) a above. Further the Bidder must have either supplied or type tested above Circuit breaker bays (as per IEC or equivalent standard) as on the Bid submission date for the instant tender.

**2)** The Bidder shall also submit a legally enforceable undertaking (jointly with the parent/principal company) to guarantee quality, timely supply, performance and warranty obligations as specified for the equipment(s).

**3)** A confirmation Letter from the parent/principal company stating that the parent/principal company shall furnish performance guarantee for an amount of 10% of the Contract Price. This performance guarantee shall be in addition to Contract Performance Guarantee and shall be valid till completion of the project with an additional claim period of three months.

**4)** A valid collaboration agreement for technology transfer/license to design, manufacture, test and supply rated or higher voltage class GIS equipment in India.

**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 equipment 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.

**vi) Bidders must Supply The Power from a manufacturer complying the following criteria:**

**a)** An original manufacturer of the same or higher rated (both in form voltage class and power rating) transformers having manufacturing plant in India.

**b)** The Transformer manufacturer must have delivered at least 3 nos of the Tendered quantity of same or higher rated (both in form Voltage and Power rating) transformers in one financial year 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 power rating) transformers 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 of experience in execution of such contract of comparable nature. He shall be stationed at work site. **However, installation, testing and commissioning of GIS equipment 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 17.00 Crore (Rupees Seventeen Crore)** only.



ii) The **average yearly turnover** over the last three financial years shall not be less than **Rupees 68.10 Crore (Rupees Sixty Eight Crore Ten Lakh) only**.

iii) **Liquid Asset** must not be less than **11.40 Crore (Rupees Eleven Crore Forty Lakh only)**. 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 **Rs40.82 Crore (Rupees Forty Crore Eighty Two 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, 10<sup>th</sup>.Floor, 'B' Block, Vidyut Bhavan, Block-DJ, Sector-II, SaltLake, 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](mailto:prebidqueries@gmail.com) (ONLY FOR PRE BID QUERIES)

**ANY OTHER COMMUNICATION:** [ceprocurement\\_wbsetcl@rediffmail.com](mailto:ceprocurement_wbsetcl@rediffmail.com)

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