

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

CONVERSION OF BAGULA 66/33/11 KV SUBSTATION TO 132/33/11 KV GIS SUBSTATION AT BAGULA, DISTRICT –NADIA, CONSTRUCTION OF 2 NOS. OF AIS BAYS EACH AT KESHIARY SUBSTATION (DISTRICT – PASCHIM MEDINIPUR); PINGLA SUBSTATION (DISTRICT - PASCHIM MEDINIPUR) AND RAINA SUBSTATION (DISTRICT – PURBA BURDWAN) ALONG WITH 2 NOS. 132 KV GIS BAYS AT KULI SUBSTATION (DISTRICT – MURSHIDABAD) AND THEIR ASSOCIATED WORKS

[Package-60(1)]

[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, erection, testing and commissioning including transportation & insurance, storage in respect of :
 - (i) Construction of 132/33/11 KV GIS sub-station at Bagula, District – Nadia.
 - (ii) Construction of 2 nos. Of AIS bays at Keshiary substation (District – Paschim Medinipur)
 - (iii) Construction of 2 nos. Of AIS bays at Pingla substation (District - Paschim Medinipur)
 - (iv) Construction of 2 nos. Of AIS bays at Raina substation (District – Purba Burdwan)
 - (v) Construction of 2 nos. 132 KV GIS bays at Kuli substation (District – Murshidabad)

and other associated works as defined in the bid document on ‘**Turn-key Basis**’ against NIT No. CE(P)/WBSETCL/Sub-stn Pkg–60(1) /18-19/21 DT 10.10.2018.

Interested Bidder may download the Bid documents from **10.10.2018 from 11.00 A.M. and Bids shall be submitted online up to 4.00 P.M. on 26.11.2018.**

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 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 **27.11.2018 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

CONVERSION OF BAGULA 66/33/11 KV SUBSTATION TO 132/33/11 KV GIS SUB-STATION AT BAGULA, DISTRICT –NADIA, CONSTRUCTION OF 2 NOS. OF AIS BAYS EACH AT KESHIARY SUBSTATION (DISTRICT – PASCHIM MEDINIPUR); PINGLA SUBSTATION (DISTRICT - PASCHIM MEDINIPUR) AND RAINA SUBSTATION (DISTRICT – PURBA BURDWAN) ALONG WITH 2 NOS. 132 KV GIS BAYS AT KULI SUBSTATION (DISTRICT – MURSHIDABAD) AND THEIR ASSOCIATED WORKS

[Package-60(1)]

[Domestic Competitive Bidding]

NIT No: CE(P)/WBSETCL/Sub-stn Pkg–60(1)/18-19/21 DT 10.10.2018

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 - (i) Construction of 132/33/11 KV GIS sub-station at Bagula, District – Nadia.
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 - (iii) Construction of 2 nos. Of AIS bays at Pingla substation (District - Paschim Medinipur)
 - (iv) Construction of 2 nos. Of AIS bays at Raina substation (District – Purba Burdwan)
 - (v) Construction of 2 nos. 132 KV GIS bays at Kuli substation (District – Murshidabad)

and other associated works as defined in the bid document on ‘Turn-key against NIT No. CE(P)/WBSETCL/Sub-stn Pkg–60(1)/18-19/21 DT 10.10.2018.

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	Construction of 132/33/11 KV GIS sub-station at Bagula, District –Nadia.
B	Construction of 2 nos. Of AIS bays at Keshiary substation (District – Paschim Medinipur)
C	Construction of 2 nos. Of AIS bays at Pingla substation (District - Paschim Medinipur)
D	Construction of 2 nos. Of AIS bays at Raina substation (District – Purba Burdwan)
E	Construction of 2 nos. 132 KV GIS bays at Kuli substation (District – Murshidabad)
F	The linking substation for establishment of telecommunication with Bagula substation are Bongaon and Krishnanagar sub-station, WBSETCL.

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:

	Package no	Name of sub-station	Brief scope of works	Status of Sub-station and Completion time
PART A				
1	60(1)	Bagula 132/33/11 KV GIS substation	<p>Conversion of 66/33/11 KV Substation at Bagula to 132/33/11 KV GIS comprising of:</p> <p>(A) 132 KV GIS :</p> <p>(i) 132 KV - 4 numbers 132 KV Feeder Bays, 2 number Transformer Bays, 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 complete the GIS system. as per requirement and as per technical specifications and as detailed in Schedule of Works.</p> <p>(B) 33 KV Indoor VCB Switchgear</p> <p>i) 33 KV - 36 KV, 25KA for 3sec Indoor Switchgear Assembly (2000A Bus rating) 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 6 nos. Outgoing feeder bays, 4 set of Transformer Bays (LV side of 2 nos 50 MVA 132/33KV & HV side of 2 nos 10 MVA 33/11KV Transformer, 2 set Station transformer bay, 1 set Bus section bay along with 2(two) set of 3 phase</p>	<p>Existing</p> <p>Completion time 18 Months from the date of LOA</p>

			<p>Bus PT - 5 limb with isolation arrangement, other required equipment and accessories like Bus earthing arrangement etc to complete the system as detailed in the Schedule of Works.</p> <p>(C)11 KV - (i) 11 KV: 12 KV, 1250 A, 25 KA, 220 V DC, SCADA compatible, VCB Switchgear including Protection Relays, control & annunciation equipment and other accessories complete as per technical specification and requirement comprising of - 10 nos. Outgoing Feeder Bays, 2 nos. Incoming transformer bay, 1 set Bus section bay along with 2(two) set of 3 phase Bus PT with isolation arrangement, Other required equipment and accessories like Bus earthing arrangement etc to complete the system etc to complete the system.</p>	
2	60(1)	Keshiary 132 KV GIS	Construction of 2 nos. Of AIS bays at Keshiary substation (District – Paschim Medinipur)	Existing Completion time 12 Months from the date of LOA
3	60(1)	Pingla 132 KV AIS	Construction of 2 nos. Of AIS bays at Pingla substation (District - Paschim Medinipur)	Existing Completion time 12 Months from the date of LOA
4	60(1)	Raina 132 KV AIS	Construction of 2 nos. Of AIS bays at Raina substation (District – Purba Burdwan)	Existing Completion time 12 Months from the date of LOA

PART B				
5	60(1)	Kuli 132 KV GIS	Construction of 2 nos. 132 KV GIS bays at Kuli substation (District – Murshidabad)	Existing <i>Completion time 12 Months from the date of LOA</i>
6	60(1)		The above scope shall also include supply, delivery, erection, testing and commissioning of Communication System works at linking substations, Establishment of Sub-station Automation System (if applicable for both Part A and B) and other allied works as laid down in the bidding documents, Technical Specification and BOQ.	

3.0 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-60(1)/18-19/21 DT 10.10.2018.
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	10.10.2018 from 10.00 A.M.
3	Documents download/sell start date (Online)	10.10.2018 from 11.00 A.M.
4	Documents download/sell end date (Online)	26.11.2018 up to 3:00 P.M.
5	Start date of hard copy submission of clarification/pre-bid queries/proposed modifications/additional information (if any)	10.10.2018 from 2.00 P.M.
6	Closing date of hard copy submission of clarification/pre-bid queries/proposed modifications / additional information (if any)	26.10.2018 up to 4.00 P.M.
7	Pre-bid meeting to be held at Office of the Chief Engineer (Procurement), 10th Floor, B-Block Bidyut	02.11.2018 at 11.30 A.M.

	Bhawan.	
8	Bid submission start date (On line)	19.11.2018 from 9:00 A.M.
9	Bid Submission closing (On line)	26.11.2018 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)	27.11.2018 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.	27.11.2018 up to 03:00 P.M.
12	Bid opening date for Technical Proposals (Online)	28.11.2018 from 11.30 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 (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 **27.11.2018 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

- 4.0 The Bids of all bidders who quote for both Part A and B as detailed in Table 2.1, Schedule of Work for must be accompanied by bid security for an amount of **Rs 72 Lakhs [Rupees Seventy Two Lakhs only]** whereas Bids of all Bidders who quote for Part A only as detailed in Table 2.1, Schedule of Work for must be accompanied by bid security for an amount of **Rs 62 Lakhs [Rupees Sixty Two Lakhs only]**. The Bid Security must be 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

5.0 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 Rated KV or higher class complete GIS substation (Normal or Hybrid) as per this tender, 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. 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

Any Bidder, as a principal Contractor, who has commissioned or presently executing any rated or higher KV class GIS sub-station work in WBSETCL with minimum 50 % financial progress of the work, may be deemed eligible for participation.

- 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) Vendor Rating in respect of erection part of the Contract(s) and reject the bid if the average rating of the bidder of last one (1)

year from the final date of bid submission of the tender is derived under rating of “D” i.e. “POOR”.

Average rating is derived on the basis of monthly rating that is published in the “Performance of sub-station Vendor based on Vendor rating” sheet submitted in the PRT Meeting of WBSETCL 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.

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 9.00 Crore (Rupees Nine Crore)** only.
- (II) The average yearly turnover over the last three financial years shall not be less than **Rupees 36.10 Crore (Rupees Thirty Six Crore Ten Lakh)** only.
- (III) Liquid Asset must not be less than **6.00 Crore (Rupees Six Crore)**. Bidders shall have Liquid Asset (LA) and/or evidence of access to or availability of credit facilities of equivalent amount

6.0 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.

7.0 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