

## Section I - NOTICE INVITING TENDER

West Bengal State Electricity Transmission Company Limited  
(A Govt. of West Bengal Enterprise)  
CIN: U40101WB2007SGC113474

*Office of the Chief Engineer (CTD)*

NOTICE INVITING e-TENDER

For

**Development of ABT Metering with Automatic Meter  
Reading (AMR) at WBSLDC Howrah. (SAMAST PROJECT  
UNDER PSDF: CTD PART)  
[Domestic Competitive Bidding]**

NIT No.:-CE (CTD)/WBSETCL/ SAMAST/20-21/ 04 dated 15.01.2021.

WBSETCL invites e-tender for Development of ABT Metering with Automatic Meter Reading (AMR) at WBSLDC, Howrah. Interested bidders may obtain bidding documents by registering themselves to the e-tendering portal (<https://wbtenders.gov.in> or <https://etender.wb.nic.in>) and thereby downloading the bidding documents from 15.01.2021, 06:00P.M. and shall be submitted (online) up to 04:00 P.M. on 23.02.2021.

Detailed NIT may also be seen & downloaded from WBSETCL website ([www.wbsetcl.in](http://www.wbsetcl.in)).



DETAILED NOTICE INVITING e-TENDER

**WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED**

(A Govt. of West Bengal Enterprise)

Office of the Chief Engineer (CTD)

CIN: U40101WB2007SGC113474

Regd. Office: Abhikshan Bhavan (2<sup>nd</sup> Floor),  
Bidhannagar, Block-BN, Sector-V: Kolkata: 700 091

Ph No: (033) 2367-1494; Fax: (033) 2367-3578;

E-mail-[cectdwbsetcl@gmail.com](mailto:cectdwbsetcl@gmail.com)

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

NOTICE INVITING e-TENDER

For

**Development of ABT Metering with Automatic Meter Reading (AMR)  
at WBSLDC, Howrah (SAMAST project under PSDF: CTD part)  
[Domestic Competitive Bidding]**

NIT No: CE(CTD)/WBSETCL/SAMAST/20-21/04 dated 15.01.2021

1. **West Bengal State Electricity Transmission Company Limited (WBSETCL)** invites bids from the eligible bidders on turnkey basis through Domestic Competitive Bidding *for Development of ABT Metering with Automatic Meter Reading (AMR) at WBSLDC, Howrah (SAMAST project under PSDF: CTD part)* and other associated accessories and works as defined in the bid document on ‘Turn-key Basis’ against NIT No. CE(CTD)/WBSETCL/ SAMAST/ 20-21/04 dated 15.01.2021

**2. SCOPE OF WORK:**

Broadly the scope includes:

1. Supply of 1388 nos. ABT meters, 194 nos. DCU, 196 nos. Industrial grade Network Switch (175 nos.16 port and 21 nos. 24 port) for Meter LAN, 2 nos. CDCS server, 1 no. MDAS software, 2 nos. network switch for CDCS LAN, 30000 m CAT-6 cable, 22000m 2.5mm dia PVC pipe and 2 nos. laptop computer with all other accessories as detailed in Technical Specification.
2. Installation, testing and commissioning of 1019 nos. ABT meter, 145 nos. DCU, 145 nos. network switch for METER LAN, 2 nos. CDCS server, MDAS software (including



integration of all meter data under jurisdiction of WBSLDC), 2 nos. network switch for CDCS LAN along with laying of CAT-6 cable and PVC pipe, providing necessary power supply and connections at specified location with all accessories complete in all respect towards successful operation of AMR system as per technical specification

3. Imparting training to the substation personnel at 152 locations and 5 nos. training at SLDC after successful installation of hardware and software components.
4. Annual maintenance/ Technical support service in respect of all hardware and software component related to AMR system for four (4) years after the expiry of free Technical Support of one (1) year.

Interested eligible bidders may obtain further information on the bidding documents from the **Office of the Chief Engineer(CTD) , WBSETCL** at the address given below:-

The Chief Engineer, Central Testing Deptment  
2<sup>nd</sup> .Floor, 'B' Block, Abhikshan Bhavan, Block-BN,  
Sector-V, Salt Lake, Kolkata-700091.

## 2.1 Schedule of Work:

<i>Item Sl. No.</i>	<i>Quantity of Equipment / Materials / Service</i>	<i>Delivery Schedule</i>
1.	First 30% of ABT meter and DCU	Within 90 days from placement of order
2.	Second 30% of ABT meter and DCU	Within 120 days from placement of order
3.	Rest 40% of ABT meter and DCU	Within 150 days from placement of order
4.	Installation and commissioning of meter, DCU, supply and installation of Network Switch, supply and laying of CAT-6 cable and PVC pipe with necessary connection upto communication terminal of respective substations.	Between 120 and 300 days from placement of order
5.	Supply, Installation and commissioning of IT hardware, MDAS software and establishing communication between DCU and CDCS including demonstration of AMR at CDCS	Within 300 days from placement of order.
6.	Imparting training to substation personnel and installation of meter BCS at existing substation PC	Just after commissioning of AMR in respective substation but within 1 year from placement of this order

7.	Imparting training to SLDC personnel	After commissioning of AMR in SLDC but within 1 year from placement of this order
8.	AMC for four year	After 1 year of free technical/ maintenance support following completion of project.

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

Bidding document No	:	NIT No.:-CE(CTD)/WBSETCL/SAMAST/ 20-21/04 dated 15.01.2021
Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	:	15.01.2021 from 10:00 hrs.
Documents download start date (Online)	:	15.01.2021 from 18:00 hrs..
Request for Pre-Bid clarifications to be sent	:	Up to 25.01.2021 by 17:00 hrs.
Pre-bid meeting	:	01.02.2021 at 12:30 hrs.
Bid submission start date (On line)	:	08.02.2021 from 10:00 hrs.
Submission of original copies for the cost of Tender Fees ( <i>along with GST Certificate</i> ), Bid Security (As per Annexure-2), Original Power of Attorney & Affidavit regarding Eligibility ( <b>both duly notarized</b> ) OR a valid General Power of Attorney in favour of Signatory of the Bid( <b>duly notarized</b> ). (Offline)	:	Up to 23.02.2021 by 13:00 hrs.
Submission of sample meter	:	Up to 23.02.2021 by 13:00 hrs.
Bid Submission closing (On line)	:	23.02.2021 up to 16:00 hrs.
Opening of bid (Online) [Techno-commercial bid]	:	01.03.2021 from 12:00 hrs.
Test of Sample meter	:	04.03.2021 to 12.03.2021
Opening of Price bid (Online)	:	The bidders shall be informed of the date & time of the opening of the price bid at a later stage after techno-commercial evaluation
Cost of the Tender Document (inclusive of GST)	:	₹ 5900.00 [Rupees Five Thousand and 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 "IT, Communication & Testing Department, WBSETCL" from any scheduled bank payable at Kolkata shall have to be deposited physically at the office the Chief Engineer (CTD), WBSETCL, Abhikshan Bhawan on or before **23.02.2021 up to 13.00 hrs.**

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 All bids must be accompanied by bid security for an amount of **₹ 26,14,360.00** [Rupees Twenty Six Lakh Fourteen Thousand Three Hundred Sixty 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 (CTD), 2<sup>nd</sup> Floor, Abhikshan 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 WBSETCL and in such cases bids shall be considered as non responsive.

**For preparation of BG the Bank details of WBSETCL is given below:**

**Name of the Bank: State Bank of India**

**Address of the Bank: Sector-2, Salt Lake City, Kolkata-700091**

**Account No.: 31108619156 and IFSC: SBIN0007816**

## **5.0 Qualifying Requirement for bidders:**

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

### **5.1 Technical Qualification**

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

- i) The bidder must have experience in supply, installation and commissioning of at least **two** contracts and experience of supplying 0.2s ABT energy meters with at

least 1000 numbers in the last eight (08) years ending on the original date of bid opening for any STU/ PGCIL or other utilities.

- ii) The Bidder must possess bureau of Indian Standard Certification (ISI mark) for meter manufactured in India.
- iii) The bidder must possess valid ISO 9001:2015 certification for meter manufacturing, ISO 27001:2013 for information security management system & ISO 14001:2015 for environmental management system and 18001:2015 (OHSAS) for occupational Health & Safety Management (H&S).
- iv) Bidder must have NABL accreditation for IEM testing laboratory and in operation for last three years.
- v) The bidder must have full- fledged set up for executing similar project. Details of execution set up to be deployed by the bidder shall be furnished in their offer.
- vi) Bidder shall have to submit two (2) nos. ABT meter with serial no. for sample testing on or before scheduled date and time.
- vii) Bidders may be asked to give presentation. Bidder will be expected to present/demonstrate the technical solution and overall project approach & methodology, project plan and time schedule for execution of the project and work flows. This shall cover following but not limited to aspects of the project.
  - Metering solution with 5 minutes and 15 minutes block integration
  - Meter time synchronisation
  - Data Acquisition software
  - IT Infrastructure
  - Data Migration
  - Training
  - Helpdesk for support to SLDC and other users

## 5.2 Financial

- I. **The Minimum Average Annual Turnover (MAAT)** of the bidder for the best three (3) years out of the last five (5) financial years for which the audited accounts are available shall not be less than **₹ 3,26,80,000.00 ( Three Crore Twenty Six Lakh Eighty Thousand only)**
- II. **Net worth at the end of last financial year** shall be not less than **₹ 3,26,80,000.00 ( Three Crore Twenty Six Lakh Eighty Thousand only)**
- III. Bidder shall have **Liquid Asset (LA)** and/ or evidence of access to or availability of

credit facilities of equivalent amount not less than ₹ 54,47,000.00 (Fifty Four Lakh Forty Four Thousand only)

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, Central Testing Department, 2<sup>nd</sup> Floor, Abhikshan Bhavan, Block-BN, Sector-V, Salt Lake, Kolkata-700091.**

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

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