WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

E- Tender Document for

"Biennial contract of operation & Maintenance including risk protection of HVWS emulsifier system & Fire hydrant system along with operation maintenance of 02 nos DG set at 220KV & 400KV & Fire Alarm system complete with all for the period of 02 years i.e 24 months at Satgachia 400KV sub-station under Burdwan Area Office, WBSETCL"

NIe-T No: ACE/CTZ/E-Tender/Electrical/26-27/01 **Dated:** 14.09.2026

Section I – V
Notice Inviting E-Tender (NIE-T)
Instruction to Bidders (ITB)
General Conditions of Contract (GCC)
Special Conditions of Contract (SCC)
Technical Specifications

WBSETCL

Office of the Add. Chief Engg., Chinsurah Transmission Zone Rishra,220 KV
Quarter Complex,Simla, P.O. -Mallickpara, Hooghly-712203
Email- acetrzone2@gmail.com,

These documents are meant for the exclusive purpose of bidding against this NIT and shall not be transferred, reproduced or otherwise used for purposes other than that for which they are specifically issued.

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

(A Govt of West Bengal Enterprise)

Office of the Add. Chief Engg., Chinsurah Transmission Zone Rishra,220 KV Quarter Complex,
Simla, P.O. -Mallickpara, Hooghly-712203

DETAILED NOTICE INVITING TENDER

Tender Document for

"Biennial contract of operation & Maintenance including risk protection of HVWS emulsifier system & Fire hydrant system along with operation maintenance of 02 nos DG set at 220KV & 400KV & Fire Alarm system complete with all for the period of 02 years i.e 24 months at Satgachia 400KV sub-station" **[Open Domestic Competitive Bidding]**

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0.0 WBSETCL invites single stage double folder bids from eligible and qualified bidders through e-tender for procurement of service as follows:

1.0 Brief scope of work: The work covered under this tender shall be but not limited to the following :-

A.) Operation Activities :- DETAILED IN ANNEXURE-A

Adequate trained/skilled operating personnel and supervisors in each shift (Morning, Evening and Night) upto satisfaction of client i.e WBSETCL in this case complying to all statutory norms for labour, wages and others shall be deputed for round the clock throughout the year to carry out operational activities. In general shift one no. skilled supervisor shall be present who might be called any time throughout the day. The shift personnel's apart from skilled should be of sound health and free from any ailments. Proper uniform with agency name and all PPE shall have to be worn throughout the duty period by all you staff deployed.

B) Maintenance Activities :- Daily checking and logging of emulsifier system of all 500 MVA transformers (02 no), Reactors (01 nos), fire hydrant system of 400KV,220 KV,132 KV ,33 KV bays and every corner of switchyard including pipes, other Outdoor fire hydrant system and indoor associated Fire hydrant elements including periodical running of one 250KVA DG set and its maintenance. All necessary tools and tackles required for the maintenance work shall be put up in list or register by you and checked by the EIC of WBSETCL. WBSETCL shall reserve every right to turn down your contract if performance not found satisfactory with prior notice of 01 month.

C) Periodical operation: The agency shall carry out the periodical operation including Live demonstration (Mock drill) once in a month with operation in auto mode for checking the health of system .The drill shall be done in shutdown condition so prior intimation from EIC shall be fed. Operation of all Diesel engine fire pump once in a week for definite period as per annexure-A. All consumables, breakdown & repairing costs, rewinding of motor or other elements shall be borne by the agency and not by WBSETCL during the period of contract. Any damaged materials or equipment may not be taken outside the premises without consent of EIC of site from WBSETCL.

Any damage to the running equipment or static ones if caused by you during the contract, demurrage charges shall be applicable. The following equipment shall have to be maintained:-

PUMP House Equipments :

- Motor driven HVW spray pump 125kW, @ 410 m^3/hr – 1 no,1485 rpm
- Diesel Engine Driven HVW spray pump 122.8 kW @ 410 m^3/hr – 1 no 1800 rpm..DG pump 167 HP
- Jockey Pump#1 11 kW,15 HP @ 10.8 m^3/hr –2 no,rpm 2925
- **Jockey pump #2** 11 kW,15 HP @ 10.8 m^3/hr –2 no,rpm 2925
- Pump 5 hp
- HVW spray pump panel, ACDB panel board, and other panels as per (Annexure-A)
- Other equipments as per Annexure –A

SWITCHYARD Equipments :-

- Water reservoirs :01 nos
- Hydrant pipes with fittings, fixtures, valves, and accs
- Independent hydrant system
- Deluge valves
- Pressure switches and others elements as per Annexure A)

250KVA DG Set in DG Room :

- 250KVA capacity DG set : 01 no canopy type
- Control panel
- AMF panel
- Battery and Battery charger

Please note checking of reservoir level daily, Greasing mobiling and changing of old Mobil by new ones shall be done at specific interval of time.

All personnel deployed by you shall be in Uniform with, I- card and PPE.

Materials required for maintenance of the system viz, Grease, mobil, gasket, o ring shall be supplied by you.

Site visit may be done by the party for any queries.

FIRE ALARM SYSTEM IN CONTROL ROOM :-

Checking of 10 Zone Fire Alarm system installed in control room with monthly testing of detectors, healthiness checking of entire Fire Alarm system for 24 months.

2.0 Detailed Specifications, scope of supply and terms and conditions of supply are given in the bidding documents, which are available at the online e-tendering portal **https://wbtenders.gov.in/** or **https://etender.wb.nic.in** as per the following schedule:

NIe-T No: ACE/CTZ/E-Tender/Electrical/26-27/01 **DATED : 14.09.2026**

Bidding document No	:	**ACE/CTZ/E-Tender/Electrical/26-27/01** **Date: 14.09.2026**
Name of work	:	"Biennial contract of operation & Maintenance including risk protection of HVWS emulsifier system & Fire hydrant system along with operation maintenance of 02 nos DG set at 220KV & 400KV & Fire Alarm system complete with all for the period of 02 years i.e 24 months at Satgachia 400KV sub-station under Burdwan Area Office, WBSETCL"
Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	:	**14.09.2026 at 10.00A.M**
Documents download start date (Online)	:	**14.09.2026 at 06.00 PM**
Last Date of uploading of Pre Bid Queries	:	**21.09.2026 UPTO 03.00 PM**
Pre Bid Meeting	:	**22.09.2026 AT 03.00 PM**
Bid submission start date (On line)	:	**24.09.2026 FROM 09.00AM**
Bid Submission closing (On line)	:	**12.10.2026 UPTO 03:00 P.M.**
Last date of deposit of Earnest Money Deposit in original (online)	:	**12.10.2026 UPTO 03.00 PM**
Last Date of offline submission of original copies for the 1. Bid Security (Annexure -6) 2. Original Power of Attorney OR a valid General Power of Attorney in favour of Signatory of the Bid (Annexure-3) 3. Affidavit regarding Eligibility (**duly notarized**) along with Appendix-5 and 4. GST Registration Certificate	:	**13.10.2026 UPTO 03.00 PM**
Opening of Techno-commercial bid (Online)	:	**14.10.2026 from 3:00P.M.**
Opening of price bid	:	To be intimated later
Bid validity	:	90 days from the next date of bid opening.
Completion time of the work and services	:	**Contract shall be for 24 months continuous basis.**
EMD	:	**Rs. 15,000.00 (Rupees Fifteen Thousand Only)**

NIe-T No: ACE/CTZ/E-Tender/Electrical/26-27/01 **DATED : 14.09.2026**

3.0 **EMD is to be submitted as per following guidelines:**

a. A bidder desirous of taking part in a tender invited by Offices of WBSETCL shall login to the e-Procurement portal of Government of West Bengal https://wbtenders.gov.in using his Login ID and password.

b. The bidder shall select the tender to bid and initiate payment of EMD. Following payment option is available for paying EMD amount through online mode only:

i. Net-banking through Payment Gateway.

c. EMD amount can be paid in online mode only. **Partial payment through online mode is not allowed.**

d. General Instructions for Online Payment:

i. The bidder will have to mandatorily pay through Net-banking facility once Net banking mode is opted for payment.

ii. Only a single value can be entered as EMD amount in e-tender portal for each tender. However, in case tender has fixed EMD on line item (multiple items) basis, then, for the cases when actual EMD value calculated as per NIT by the bidder is less than the one mentioned in e-tender portal, bidders shall mandatorily opt for Exemption for payment of actual EMD amount and upload the requisite testimonials for proportional EMD.

iii. The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.

e. Refund/Settlement of EMD Amount:

i. For unsuccessful bidders, EMD amount submitted against the tender shall be refunded automatically, through an automated process, by NIC portal on receipt of updated status of any bid.

ii. For successful bid(s), EMD will be refunded from WBSETCL authority after completion of tendering process and following due procedures.

iii. The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.

iv. For any queries related to payments and refunds, bidders will have to communicate with ICICI Customer Support, viz, 9836547326/ 8017094744 since payment gateway facility used by E-tender portal is maintained by ICICI.

NB: It is stated herein that presently, Nodal Bank nominated by the Govt. of West Bengal is ICICI Bank Ltd. in the NIC Portal. However, the Bank may change based upon change of nomination by the Govt. of West Bengal from time to time.

4.0 **Qualifying Requirements for bidders:**

4.1. Following shall be the qualification requirements:

i. Technical Qualifying Requirement: The bidder must qualify the following criteria:

1. The bidder should have the past experience of executing operation & maintenance of HVW system, Fire Hydrant system, DG sets, smoke & heat detectors with other allied services in EHV Substation office building or any other commercial building work of value not less than **Rs.12.41 lakh** as a single contract in the preceding 5(five) financial years for government, central or state, or reputed power utilities of PSUs
2. The bidder shall have office / branch office at Kolkata or anywhere in West Bengal for prompt communication with office.
3. The bidder shall bid directly and no sub vendor - bidding or any other means shall not be considered.
4. Satisfactory performance certificate within last 5 years from any reputed firm/ any central or state Government Utility or reputed power utilities of PSUs is mandatory for the same nature of work.
5. All statutory documents viz GST, PF ESI and others as required for execution of contract shall have to be valid and to be submitted with the bid online.
6. All Technical & Financial QR shall be fulfilled by the agency.
7. Materials/consumables to be supplied by vendor shall be as recommended by WBSETCL or by the equipment manufacturer

ii. Financial Qualifying Requirement: Financial QR for the tender are as follows:

Net Worth:	Net Worth should be positive.
Liquid Asset:	**Rs. 2.59 Lakh** Bidder should have liquid assets (L.A) and/or evidence of access to or availability of credit facilities of equivalent amount.
Minimum Average Annual Turnover MAAT:	**Rs. 15.51 Lakh**

Note: 1.) MAAT: Minimum average annual turnover for the best three years out of the last five financial years. Turnover should be certified by a Chartered Accountant.

2.) 'Liquid Asset' shall be as per the last audited accounts available.

4.2. The bidder shall furnish, as part of his bid, scanned copies of documents to be uploaded for establishing the bidder's qualifications. In particular, the following documents need to be uploaded by the bidder:

a. List of contracts for similar Works and services executed in the past five years with copies of LoAs and execution status of each contract supported by client's certificate.

b. Audited Annual Accounts of the company for the last five (5) years (in case of companies)

or

IT Return duly acknowledged by the tax department for the last five (5) years (in case of bidders other than companies)

c. **Copies of Professional Tax Clearance Certificate, E.S.I and E.P.F registration numbers, PAN and/or TAN Card, Registration Certificate (Form GST REG - 06) issued under Goods and Services Tax Laws.**

4.3. In addition to above, the bidder shall also be required to meet the eligibility conditions and submit a declaration as per Annexure: 5 of Section VI-A of the bidding documents

4.4. Notwithstanding anything stated herein, WBSETCL reserves the right to inquire and review the bidder's capability and capacity to execute the Works and services

5.0 WBSETCL reserves the right to accept or reject any bid partly or fully or cancel the bidding process without assigning any reasons there for and in such case no bidder shall have any claim arising out of such action.

6.0 Also, the bidder shall also be required to meet the eligibility conditions and upload a scanned & digitally signed copy of Power of Attorney in favour of Signatory of the Bid as per Annexure: 3 OR a valid General Power of Attorney in favour of Signatory of the Bid, An Affidavit regarding Eligibility (duly notarized) as per Annexure: 5 of Section V-A of the bidding documents& properly filled other Applicable Annexures (1-12) and Filled up Guaranteed Technical Particulars Format, if provided with the Technical Specification.

N.B.: The Original Power of Attorney in favour of Signatory of the Bid as per Annexure: 3 OR a valid General Power of Attorney in favour of Signatory of the Bid(duly notarized) and an Affidavit regarding Eligibility (duly notarized) as per Annexure: 5 of Section V-A of the bidding documents shall be submitted physically in a sealed envelope to the Office of The Additional Chief Engineer, Chinsurah Transmission Zone, WBSETCL under sealed cover on or before the scheduled date & time as specified above.

7.0 Address for seeking any clarifications on the bid documents :

Office of the Add. Chief Engg.,
Chinsurah Transmission Zone Rishra,220 KV Quarter Complex,
Simla, P.O. -Mallickpara, Hooghly-712203
Email: acetrzone2@gmail.com
Mob: 9434910029

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