

West Bengal State Electricity Distribution Company Limited



(A GOVT. OF WEST BENGAL ENTERPRISE)
OFFICE OF THE REGIONAL MANAGER, PURULLA REGIONAL OFFICE
TARIT BHAVAN, 1st FLOOR,
PURULLA -723101(W.B.)

E-Mail ID = rm.purulla@wbasedcl.in

Corporate Identity No. (CIN): U40109WB2007SGCL13473, Web: www.wbasedcl.in

NOTICE INVITING E-TENDER

NIT No.: RM/PRO/SOLAR/E-TENDER/2025-2026/01

Date: 07.08.2025

On line tender (e Tender) in two parts (Part-I: Techno-Commercial Bid, Part-II: Financial Bid) are invited by the S.E. & Regional Manager, WBSEDCL, Purulla Region, Tarit Bhawan (1st Floor), Purulla-723101(W.B.) from experienced, resourceful, bonafied & working agencies of WBSEDCL /WBSETCL /WBPDCL /Central Govt. /State Govt. /Semi - Govt. /Undertaking for the following works:

Sl. No.	Tender Notice No.	Name of the work	Estimated Cost (Rs.)	Completion Time	Earnest Money (Rs.)	Cost of Tender Document (Rs.)
1	RM/PRO/SOLAR/E TENDER/2025-26/01 Dt. 07.08.2025.	Supply & Erection of String Monitoring Box (SMB) and 6. Sq.mm 1.5 KV DC Solar Cable for restoration work of Chharrah 10 MW Solar PV Power Plant in the District of Purulla under Purulla Regional Office. (As per attached schedule & Specification)	16,13,455/- (Excluding GST)	30 (thirty) days	32,269/-	NIL

Schedule of Key Dates

SL. No.	Activity	Date & Time
1.	Date of Issue of NIT	07.08.2025
2.	Date of publish in Web Portal	14.08.2025 from 10:00AM
3.	Document download start date	14.08.2025 from 11:00AM
4.	Bid submission start date	14.08.2025 from 11:00 A.M.
5.	Date of Pre-bid Meeting	18.08.2025 from 2:00 P.M.
5.	Last date of online submission of Technical Bid and Financial Bid.	04.09.2025 up to 02:00 P.M.
6.	Last Date of submission of Earnest Money Deposit through online portal.	04.09.2025 up to 02:00 P.M.
7.	Opening of Technical Bid at the office of the Regional Manager, Purulla Regional Office,	08.09.2025 at 02:00 P.M.

Superintending Engineer (Solar)

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8.	Opening of Financial Bid for technically qualified bidders at the Office of the Regional Manager, Purulia Regional Office, WBSEDCL.	To be intimated later
10.	Validity of offer	180 days w.e.f. the date of opening of financial bid.
11.	Completion Period of the work	30 (thirty) days w.e.f the date of Site Handover
12.	Maintenance Period or the Defect Liability Period.	12(Twelve) months from the date of completion of works
13.	Financial Bid	Rate shall be quoted in Item Rate wise.
14.	Online Bid Submission	The Bidders are required to submit the Technical and Financial Bid documents through only ONLINE i.e. uploading the documents complete in all respect by maintaining the Online Bid submission procedure through the Website www.wbtenders.gov.in
15.	These procedure will be followed	<ul style="list-style-type: none">Names of the technically qualified bidders as per the bid criteria after verification with original & evaluation will be displayed in the e-portal & this office notice board.The financial bid documents of the technically qualified bidders will only be opened.List of Financial comparison chart of bidders will be published on the next day after opening. WBSEDCL reserves the right to reject or cancel any or all pre-qualification documents and bid document without assigning any reason's whatsoever.To keep the Construction in good condition during the Maintenance Period after the completion of the construction work if any additional/ excess work is required over the stipulated quantity in the schedule for routine maintenance work, the same will be treated as defect liability and the Contractor has to do the maintenance work at his own cost.The intending bidders are requested to inspect the work site, drawings, Technical specifications which are available at the office of Tender inviting authority before quoting their rates.

INVITATION TO BID

1.0 SCOPE OF WORK :

The specification/contract is intended for Electrical work proposed for:

Supply & Erection of String Monitoring Box (SMB) and 6. Sq.mm 1.5 KV DC Solar Cable for restoration work of Chharrah 10 MW Solar PV Power Plant in the District of Purulia under Purulia Regional Office and any other works

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Superintending Engineer (Solar)
Purulia Regional Office

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required for completion of the works in all respect as per technical specification, schedule of works and approved drawings.

2.0 REQUEST FOR TENDER :

Tender paper will be available at the Websites www.wbtenders.gov.in.

3.0 SUBMISSION OF TENDER:

The tender will be submitted in two bid systems i.e. Techno-Commercial bid & financial bid, online only through the Website www.wbtenders.gov.in

4.0 ELIGIBILITY CRITERIA OF THE BIDDER:

All categories of intending Bidders who have satisfactorily completed:

4.1 Technical :

The bidder must have—

4.1.1 Licence to Electrical Contractor.

4.1.2 . Valid Electrical supervisory competency certificate

4.1.3. Three similar works costing not less than the amount equal to 40% of the estimated cost of estimated cost in separate three contracts/Two similar works costing not less than the amount equal to 50% of the estimated cost in separate two contracts /One similar work costing not less than the amount equal to 80% of the total estimated cost in single contract on or before 31st March,2025.

4.1.4 The bidder must have full-fledged set up for executing similar projects. Details of execution set up to be deployed by the bidder shall be furnished in their offer. Management team shall be headed by Manager who shall have at least 2(Two) years of experience in execution of such contract of comparable nature. He shall be stationed at work site.

4.2 Commercial & Financial :

4.2.1 The average annual turnover of the bidder during last three years shall not be less than 30% of the estimated cost. (Annexure-I).

4.2.2 Working capital in the year, proceeding the year of bid submission shall not be less than 30% of the estimated cost.

4.2.3 In case documents certifying credit facility from a scheduled bank is submitted, the requirement given in cl 4.2.2 shall be judged by adding available credit facility and working capital taken together(Financial Capability proof certificate from bankers, one year from date of Publication of NIT).

4.3 The Bidder must include following documents to substantiate the qualifying requirement such as:

4.3.1 Monetary value of similar work performed by the bidder in last THREE years (copy of order or completion certificate to be enclosed.) (Annexure-II)

4.3.2 Major items of construction equipment proposed to carry out the contract. (Annexure-III)

4.3.3 Qualification and experience of key site management and technical personnel proposed for the contract. (Annexure-IV)

4.3.4 Annual Audited Financial Report for last 3 (three) years to be submitted for verification in respect of bidders for whom audit of account is mandatory. For those whose audit of accounts is not mandatory, they shall submit copy of IT returns along with related enclosures (Form 3CA and Form 3CB) for last five years.

4.3.5. Information regarding any past and current litigation with WBSEDCL/WBSETCL/Govt./PSU in which the bidder is involved, the party's concerned and the disputed amount.

Accused 7/8/25
Superintending Engineer (Solar)
Purulia Regional Office
W.B.S.E.D.C.L.

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4.3.6 Photocopy of following documents:

- i) Professional Tax certificate with challan.
- ii) PAN Card.
- iii) Provident Fund Registration No. along with Latest challan.
- iv) GST Registration Certificate and latest challan of GST.
- v) Electrical Contractor's License issued under Act., Electrical Supervisory License, Trade License in respect of the prospective Bidder.
- vi) Income Tax Return for last three Assessment Years i.e. 2022-23, 2023-24 & 2024-25.
- vii) E.S.I. Registration no (for execution of works in ESI coverage area) with current return/challan.

4.4 Photocopies of all documents should be self authenticated.

4.5 Notwithstanding anything stated above, the owner (WBSEDCL) reserves the right to assess the capacity and capability of the bidder to execute the work, should the circumstances warrant such assessment in the overall interest of the owner.

4.6 Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have,

- 4.6.1. Made misleading or false representation in the forms, statements and attachments Submitted in proof of the qualifying requirements and/or
- 4.6.2. Record of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completions, litigation history or financial failure.

Note:

1. WBSEDCL reserves the right to reject or accept any Bid or part thereof or all Bids received at its sole discretion without assigning any reason(s) whatsoever.
2. WBSEDCL reserves the right to go to divisible contract, if necessary.
3. WBSEDCL is not necessarily bound to accept the lowest offer.
4. Cost of the Bid document is not refundable under any circumstances.
5. Conditional/ Incomplete Tender will not be accepted under any circumstances.
6. No mobilization advance and secured advance will be allowed.
7. The Bidder at the Bidder's own responsibility and risk is encouraged to visit and examine the site of works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for the work as mentioned in the Notice Inviting Tender. The cost of visiting the site shall be at the Bidder's own expense.

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8. The intending Bidders shall clearly understand that whatever may be the outcome of the present invitation of Bids, no cost of Bidding shall be reimbursable by the WBSEDCL. The WBSEDCL reserves the right to accept or reject any offer without assigning any reason whatsoever and is not liable for any cost that might have been incurred by any Bidder at any stage of Bidding.
9. Exemption from deposition of earnest money deposit (EMD) shall not be allowed under any circumstances.
10. **Receiving of cost of Tender documents: NIL**
11. No interest shall be payable for Bid Guarantee/EMD.
12. Any extraneous conditions will be treated as non-responsive.
13. The Bids must be submitted in prescribed proforma only, where indicated i.e. Annexure, BOQ and Rate.
14. Bidders shall ensure that all pre-requisites are duly fulfilled by them and if there be any dispute regarding non-submission of any document, WBSEDCL reserves the right to cancel the Bid unilaterally without assigning any reasons.
15. The bidder is expected to examine carefully all instructions, conditions, forms schedules terms, annexure, specifications and drawings of the bidding document. Bids, which are determined to be not substantially responsive to the requirement of the bidding document, may lead to rejection.
16. The WBSEDCL reserves the right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.
11. **Receiving of Earnest Money Deposit (EMD):**
Earnest Money Deposit shall be submitted through online mode through the e-Tendering portal (<https://wbtennders.gov.in>) only.
12. **Return of Earnest Money of the unsuccessful tenderer (s) :**
The Earnest Money will be returned by this office immediately after opening of Financial Bid except lowest bidder.

*Superintending Engineer (Solar)
Purulia Regional Office
W.B.S.E.D.C.L.*

[Signature]
S.E & Regional Manager
Purulia Regional Office
WBSEDCL

MEMO NO.:RM/PRO/Solar/E tender/2025-26/ 520 (I-V)

DATED:-

Copy forwarded for information and necessary action please to:-

1. The Chief Engineer (SPGD), WBSEDCL, Data Centre Complex, AA-I, Newtown, Kolkata-700156.
2. The S.E (Solar), Purulia Regional Office, WBSEDCL, Purulia, (with an advice to attend during tender opening.)
3. The Manager (HR&A), Purulia Regional Office, WBSEDCL, Purulia, (with an advice to attend during tender opening.)
4. The Manager (F&A), Purulia Regional Office, WBSEDCL, Purulia, (with an advice to attend during tender opening.)
5. NOTICE BOARD.

[Signature]
S.E & Regional Manager
Purulia Regional Office
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Technical Specification of SMB

Enclosure	
Material	Polycarbonate / Polyester
Degree of protection	IP 65
UV resistance	Yes
Locking arrangement	Screws
Mounting type	Wall mounted / Structure mounted
Electrical Parameters	
Rated DC voltage	1000 V
Maximum current per string	up to 20A
Maximum current per measuring channel	22A
Total permissible DC current	Up to 300A
Measurement voltage supply	24V DC
DC Switch rating	250/315/400A
Surge Protection	
1000V DC class II power SPD	Yes
MODBUS SPD	Yes
Input	
No. of DC inputs (+ve and -ve)	24
Cable entry	Bottom
Input DC cable entrance	IP68 polyamide cable gland /MC4 type connector
Input termination	Pin type termination /MC4 field connectors
Fuses	15 A
Earth cable connection	Earth terminal upto 16 sqmm
Earth cable entrance	IP68 polyamide cable gland
Monitoring device power source	Auxiliary power supply / In built(DC-DC Converter)
Auxiliary AC cable	3Cx2.5 sqmm

Handwritten signature
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Output	
No. Of DC outputs (+Ve and -ve)	1
DC output cable size	upto 300 sqmm
DC output cable exit	IP 68 polyamide gland
Output cable termination	Bolt type
Interface connection RS 485 cable	2x2C twisted pair shielded 0.5 sq mm RS 485 standard
RS 485 cable IN/OUT	IP 68 polyamide cable gland
Switch ON/OFF status	Available (Optional)
SPD ON/OFF status	Available (Optional)
Monitoring Device	
Measuring parameters	Input current, System voltage, Internal temperature
Input current monitoring	Each string
Monitoring device	TRICHECK 24
Type of monitoring	Shunt
Voltage measurement accuracy	(+/-) 0.25%
Current measurement accuracy	(+/-) 0.25%
Power consumption	<3W
On-board temperature measuring range	0-100°C
Digital Ports	2
Shield clamp for earthing provided	Yes
Analog ports	2
Communication interface	MODBUS RS 485
MODBUS ID	Defined by DIP switches /Firmware
Logs	MODBUS RTU
Baud rate	2400bps / 4800bps / 9600bps /19200bps
Maximum no. of devices on bus	240
Operating temperature	(-10) to 70°C
Applicable standards	IEC 61326-1-2012

Atulya
7/5/25
Superintending Engineer (Solar),
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