



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING KANCHEEPURAM
Off Vandalur-Kelambakkam Road, Melakkottaiyur
Chennai-600 127**

Tender No.: IITDM/2024-25/ELECT/008; Dt: 21st February, 2025

**NOTICE INVITING TENDER (E-PROCUREMENT THROUGH CPPP)
FABRICATION, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF
ELECTRICAL MEDIUM VOLTAGE (MV) SWITCHGEAR AND PANEL WORKS**

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NOTICE INVITING TENDER (E-PROCUREMENT THROUGH CPPP)

Indian Institute of Information Technology Design and Manufacturing (IIITD&M) Kancheepuram invites tenders under single bid with prequalification systems from the vendors who fulfil the eligibility as given below.

SI. No.	Particulars	Quantity Required*
1	Fabrication, Supply, Installation, Testing & Commissioning of Electrical Medium Voltage (MV) switchgear and panel works	As per Annexure-III

The tender document can be downloaded from the website <http://iiitdm.ac.in> or <https://etenders.gov.in/eprocure/app>

Tender Notice No IITDM/2024-25/ELECT/008

Tender Document for **Fabrication, Supply, Installation, Testing & Commissioning of Electrical Medium Voltage (MV) switchgear and panel works**

Earnest Money Deposit/ Proof of MSME exemption certificate Rs. 7,120/- / Attach the proof of MSME Exemption certificate

Estimate Amount Rs. 2,37,123/- (Excl. GST)

Date of Issue of Tender Documents 21st February, 2025

Pre-Bid Meeting including SITE VISIT 27th February, 2025; 11:00 hrs.

Last date and time of submission 10th March, 2025; 11:00 hrs.

Date and time of opening of Tender 11th March, 2025; 11:30 hrs.

Link for Submission of Bids <https://etenders.gov.in/eprocure/app>

Please quote your rates for the mentioned service as per our terms and conditions. The TENDER together with all the necessary details may be submitted in the portal on or before the due date. **Please ensure that the BIDs are** quoted properly to avoid rejection. The Institute reserves the right to reject any or all including the lowest TENDER without assigning any reason whatsoever. The bidder has to accept all terms and conditions of the Institute given overleaf and conditional offers will not be accepted.

General Terms and Conditions:

1. **The bids should be valid for 90 days** from the due date and this work should be carried out in a time bound manner and the entire work including supplying, installation, testing & commissioning of all the products shall be completed within 30 working days from the submission of contract agreement and security deposit upon receipt of work order.
2. The rate shall be quoted in INR.
3. No unsolicited correspondence will be entertained after the submission of the offer.
4. **Eligibility Criteria:** The bidder must meet the following criteria and submit proof for the same along with the tender document.
 - Valid proof of Firm registration / Business License.
 - Should have executed similar “Electrical works experience” preferably awarded by the State Govt. / Central Govt. / Autonomous / Reputed corporate institutions / Organizations, for the value enlisted below and executed on or after 01/01/2020 and Work Order / PO copy to be enclosed.
 - (i) Rs. 1.90 lakhs Excl. GST for a single work order
(Or)
 - (ii) Rs. 1.20 lakhs Excl. GST each for two work orders
5. Bidders shall deposit EMD through SBI E’Collect/ for to avail EMD exemption, bidder shall submit the valid proof of MSME certificate. In the case of EMD, the amount must be paid through online mode and it shall be received on or before the last date and time of bid submission and the payment proof of EMD shall be attached along with the bid.
6. Steps for submission of EMD through SBI E’Collect.
 - Go to link - <https://www.onlinesbi.sbi/sbicollect/collecthome.htm>
 - Please select category as “Educational Institutions”
 - Please select “IIITDM – KANCHEEPURAM A/C” from drop down list
 - Please select “Earnest Money Deposit (EMD)” from Payment Category drop down list
 - Kindly fill all tender details, contact details, EMD amount and make payment.
 - After successful payment, the payment proof of EMD shall be attached along with the bid.
7. For the successful bidder, the EMD will be retained as security deposit and will be released after the satisfactory completion ‘1’ year defect liability period. In the event of any damages to the Institute / failure to execute the work, the cost of repairs will be deducted from the security deposit.
8. For the unsuccessful bidders, EMD amount will be refunded within 30 days from the date of issue of work order.
9. The bidder shall enclose cancelled Cheque/bank details to refund the EMD amount in case of unsuccessful bids.
10. EMD shall be forfeited if any tenderer with draw their offer with in the bid validity period.

11. Quantity mentioned in the technical compliance sheet may subject to vary.
12. **Tender Envelope should contain:**
 - Profile of Firm / Agency. (As per **Annexure – I**)
 - Bid & Self declaration proforma (As per **Annexure – II**)
 - Techno-commercial bid (As per the **Annexure-III**)
 - EMD payment details/ Valid MSME Certificate
 - GST Number registration certificate
 - Similar works experience proof i.e., Photo copy of work order(s) must be attached as per the aforementioned.
13. Quoting merely the lowest price does not confer any right to any bidder for award of work order. The Institute reserves the right to select any bid on the grounds of quality, offer of additional/special features, compatibility, etc.
14. The Institute also reserves the right to reject any bids with sub-standard products even if they are found to be lowest.
15. Any delay in executing the work on the time and date mentioned above will lead to the total rejection of the work and no payment whatsoever shall be made towards the work.
16. No damage shall be made to any fittings, surfaces, paintings of the building. If any made shall be restored by the vendor at his own cost.
17. The rate quoted should be inclusive of all men, material, transportation and installation of the items at the designated place as per the directions of the Engineer-In-Charge.
18. Special concession in rates if any applicable for Educational Institution shall also be offered and indicated clearly.
19. The tenders will be opened by a Committee of the Officers of IIITDM Kancheepuram. The tenderer or their authorized representatives may attend the time of opening of the tenders.
20. The Institute also reserves the right to increase or decrease the scope of work by any margin depending on the requirement. For any dispute, the Institute shall be the final authority and its decision shall be final and binding on both the parties. The Institute reserves all rights to accept or reject any or all tenders in part or full without assigning any reason thereof.
21. The institute also reserves the right to accept the TENDER in full or partially for some of the items quoted by deleting certain items without assigning any reason thereof.
22. Work shall be executed and completed as per the technical terms and conditions of this document as per the direction of Engineer in charge.
23. The successful bidder shall be required to sign a detailed contract agreement with IIITDM Kancheepuram within a period of 07 working days after the submission of Security Deposit.
24. The site is ready for handing over immediately upon submission of security deposit (SD) and contract agreement.
25. The work shall be executed and completed within “**30 working days**” from the date of Commencement of the Work. In case, the Contractor fails to complete the assigned work within specified Work Completion Period, IIITDM Kancheepuram may recover Liquidated Damage

and/or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram on its part would be required to handover the site to the Contractor free from any encumbrance.

26. The Contractor shall at his own expense arrange for the safety provisions as appended to these conditions or as required by the Engineer-in-Charge, in respect of all labor directly or indirectly employed for performance of the works and shall provide all facilities in connection therewith.
27. The Contractor shall be responsible for providing constant and adequate supervision of the work to ensure compliance with the provisions of laws relating to safety and for taking all practical steps necessary to prevent accidents.
28. Required materials brought by the contractor shall be stored only at places as designated by the Engineer-in-Charge. Storage and safe custody of material shall be the sole responsibility of the contractor. The contractor shall ensure that no materials/ wastes/ equipment's are dumped at site. Proper cleaning and debris removal should be done on daily basis
29. The material to be used by the Contractor should be conforming to reputed brands or ISI marks. Samples of all materials / fixtures as specified in 'Techno-Commercial bid' shall be got approved before their use by the Contractor. Catalogues / Brochures & product warranty certificates shall be submitted to the Engineering-In charge of the Institute as required.
30. After the execution of work, the contractor shall submit the actual drawings indicating wiring diagram from end to end point including looping, switches, sockets, MCB, etc.
31. IIITDM Kancheepuram has Power to issue instructions etc., from time to time issue besides Drawings if any, in regard to:
 - i. Minor addition, reduction, omission or substitution of any work included in the Contract.
 - ii. Minor variation in the dimensions of any part of the works.
 - iii. Minor discrepancy in the Drawings if any, or between the Bill of Quantities and / or Specification.
 - iv. The removal from the site of any material brought thereon by the Contractor & the substitution of any other material.
 - v. If any person deputed by the contractor found guilty / misconduct / not performing the duty, IIITDM has a right for a dismissal of the person/(s) from the works, the contractor has to replace the another suitable person within a given time frame at without any additional cost to IIITDM Kancheepuram.
 - vi. The opening up of or inspection of any work covered up, all other instructions issued to him covering other aspects of the Contract.
 - vii. Execution of wiring bare joints in wires and cable are not allowed. Under extra ordinary conditions Terminal blocks with required safety measures must be used instead of joints without any additional cost.
 - viii. During the execution any wall/ flooring/ table cutting and finishing (providing hy-lam sheets/dummies/cement concrete etc.) also to be carried out without any additional cost.

32. No compensation shall be payable to the contractor for any damage caused by rains, lightening, wind, storm during the execution of work. He shall make good all such damages at his own cost; and no claim on this account will be entertained.
33. In case the Contractor fails to complete the assigned work within specified Work Completion Period, IIITDM Kancheepuram may recover Liquidated Damage and/or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram on its part would be required to handover the site to the Contractor free from any encumbrance.
34. The payment shall be made as first and final bill on completion of the work satisfactorily. Any less usage of number of items, the rate will be reduced pro-rata and vice versa.
35. Payment of bills shall be made against supply, acceptance and after verification of the bill by the Institute after deduction of taxes and TDS as per applicable rules. The Final bill shall be submitted by the contractor after the execution of work. Payment to be made only for the work actually done.
36. The Contractor shall take at his own cost, necessary insurance cover in respect of staff and other personnel to be employed or engaged by him in connection with the afore mentioned services personnel by services to be rendered.
37. The work is to be executed as per directions of Engineer in charge of IIITDM.
38. **All necessary safety precautions shall be taken during work execution & operation at site by the bidder.**
39. Quantities, requirements and specifications given are approximate and may vary as per site conditions and few items may be deleted / added / modified, if needed.
40. Rate must be quoted on unit basis (including transportation, labour, installation etc.) in the price schedule only and taxes (if any) should be clearly indicated.
41. The Agencies are requested to have a visit of site on the day of PRE-BID MEETING, for better understanding of the work and agree to all the terms and conditions of IIITDM given above.

Sd/-
Registrar
IIITDM Kancheepuram

Profile of Firm / Agency

S. No.	Description	Remarks
1.	Name of the Firm / Agency	
2.	Status of the Firm / Agency (With supporting Document)	Proprietary / Partnership / Limited / Joint Venture (Specify)
3.	Postal Address	
4.	Telephone / Mobile No's.	
5.	Email & website	
6.	Bid Submission & Self declaration Proforma: (Please enclose the annexure-II)	
7.	PAN No.	
8.	GST No.	
9.	EMD payment details/ MSME certificate	
10.	Bank account details for EMD refund:	
11.	<p>Similar “Electrical works experience” preferably awarded by the State Govt. / Central Govt. / Autonomous / Reputed corporate institutions / Organizations, for the value enlisted below and executed on or after 01/01/2020 and Work Order / PO copy to be enclosed.</p> <p>(i) Rs. 1.90 lakhs Excl. GST for a single work order (Or) (ii) Rs. 1.20 lakhs Excl. GST each for two work orders</p> <p>The Institute may verify the quality of works from the end viewer mentioned in the work order or experience certificate.</p>	
12.	Other information, if any	

Authorized signatory with seal

BID SUBMISSION & SELF DECLARATION PROFORMA

Name of the Work/AMC/Item(s): Supply, Installation, Testing & Commissioning of High mast street light poles along with fixtures for the approach roads of Main Gate A & B.

Tender No.: IIITDM/2024-25/ELECT/008; Dt: 21st February 2025.

The Registrar,
IIITDM, Kancheepuram,
Chennai – 600 127.

Dear Sir,

- 1.1 I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking/Autonomous Body etc., at anywhere in the country.
- 1.2 I/We hereby offer to quote for work as defined in ‘Price schedule’ and the relevant Annexures at the quoted price given in the ‘Price schedule’ Proforma as per Annexure-III and agree to hold this offer open till 03 months from the due date.
- 1.3 I/We have read, understood and comply with all Terms and Conditions stipulated in the Tender document necessary for submission of this bid.
- 1.4 It is further stated that I/We have fully read and understood the ‘Price schedule’ and Terms and Conditions in the Tender Document governing this contract and shall abide by them in toto, if awarded the Contract.
- 1.5 I/We do hereby agree that if our Firm has not produced a valid MSME Certificate (the classification of the enterprises should be updated in the current financial year, i.e., 2024-25) / work completion certificate along with relevant work order, it will not be considered for the further evaluation process

Date:

Yours faithfully,
Digital Signature

Note: This form duly typed on the letterhead of the bidder and duly signed should be uploaded forming Annexure-II of this Bid document.

Techno-Commercial Bid

Name of the work: Fabrication, Supply & Installation of Electrical Medium Voltage (MV) switchgear and panel works - Reg.					
S. No.	Description of items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	Fabrication & SITC of wall/ floor mounted type Medium Voltage (M.V.) '6' Compartmentalized cubicle panel board suitable for 415 Volts, 50 Hz, A.C. Supply fabricated out of minimum 2.0 mm thick CRCA sheet, totally enclosed, dust and vermin proof of minimum IP54 and doors with 1.6 mm thick CRCA sheet, with the following switch gears, interconnections with suitable size copper conductor wires between the bus bar and outgoing switch gears complete with terminating arrangements, powder coating of minimum 60 micron thickness on the panel with approved shade and colour including earthing bus bar (conforming to CPWD General Specification for Electrical works 2013 & amendments etc., as required.) All items shall be ISI Marked & Including earthing connection as per CPWD standard as required TPN SDFU, MCB, Contactor, CT coils, Timer & Digital meter Make: L&T/ Siemens/ Schneider/ Legrand/ ABB	1	Job		
	(a) 160A TPN SDFU with HRC Fuses along with suitable CT coils, V, A, F meters, Watt hour panels meters etc., as required - 1 No's				
	(b) 100A TPN SDFU with HRC Fuses - 1 No's				
	(c) 63A TPN SDFU with HRC Fuses - 1 No's				
	(d) 5 HP DOL starter with suitable contactor, timer, relay, push buttons, voltmeter, Ammeter, Indication lamps etc., as required - 1 Set				
	(e) 10 HP Star Delta starter with suitable contactor, timer, relay, push buttons, voltmeter, Ammeter, Indication lamps etc., as required - 1 Set				
	(f) 3 Phase, 63A Street light contactor with suitable timer, MCB, din rail, sheet etc., - 1 set				
	(g) 300A 4 strip Aluminium bus bar with dedicated chamber (40x5mm) - 1 Set.				
	(h) Cable chamber – 1 Set.				
	(i) RYB phase indication & ON/OFF indication LED lamps				
	(j) 2 mm CRCA Sheet				
	(k) 75*40*6 mm MS channel for panel base				
	(l) Man power, material, workmanship, transport, testing all inclusive				
	(m) Nuts, fasteners, powder coated painting, rubber bedding/gasket and panel wiring etc., as required				
2	Supplying of 3.5 core * 70 Sq. mm, PVC insulated and PVC sheathed, XLPE armoured aluminium cable suitable for 1.1kV as per IS 7098 outdoor suitable as required Make: Havells/ Polycab/ Finolex				
	a) 3.5 Core x 70 sq. mm	130	Mtrs		
3	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1kV grade of following size in the existing OPEN DUCT/ RCC/ HUME/ DWC/ HDPE/ GI pipe as required				

	(a) Above 35 sq. mm and up to 95 sq. mm	130	Mtrs		
4	Supplying, excavation and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc., conforming to IS 16205 Part 24 complete with fitting and cutting, jointing etc., direct in ground (75 cm below ground level) including excavation and refilling the trench and concrete and refinishing as it is but excluding sand cushioning and protective covering etc., complete as required. Make: ISI Marked				
	(a) 90 mm dia (OD-90 mm & ID-76 mm nominal)	120	Mtrs		
5	Supplying, excavation and laying of 300 mm dia Reinforced concrete heavy duty pipe of NP4 class, (As Per IS 458), Non Pressure Pipes with collars including cutting out pockets for collars, jointing in 1:1 cement mortar, cutting of pipes wherever required, curing and testing of joints, excavation, Drilling/Chipping, Laying Of Pipe, Back Filling Where Required etc., Complete as per specifications direct in ground (50 cm below thar road level) including excavation and refilling the trench/thar road and refinishing with 1:3:6 cement concrete ratio etc., complete as required. Make: ISI Marked	10	Mtrs		
6	Supplying and making indoor end termination with suitable lugs, brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade as required. Make: ISI Marked				
	(a) 3.5 Core x 70 Sq. mm (38 mm)	2	Sets		
	(b) 4 Core x 50 Sq. mm (35 mm)	1	Sets		
	(c) 3 Core x 25 sq. mm (25 mm)	1	Sets		
	(d) 3 Core x 16 sq. mm (25 mm)	1	Sets		
	(e) 4 Core x 16 sq. mm (28 mm)	2	Sets		
7	Supply and providing of L = 6 meter, B = 4 meter shed with necessary minimum 2 mm thick GI roof sheet for the electrical panel along with MS square tube of size 50*50*2 mm, angle supports including cutting, welding, fabrication, wind ties and painting etc., in the existing wall support with suitable height, including chipping, cement concrete and other necessary masonry works as required as per the directions of the Engineer - In - Charge.	1	Job		
Total Quoted Amount in Rs. (Excl. GST)					₹ -

Note:

1. The rate shall be exclusive of GST.
2. The rate quoted shall be net inclusive of transportation, men, material, machinery, tools, tackles and other necessary equipment as required. Nothing extra shall be payable under any account over and above the rate quoted.

Authorized signatory with seal