



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

**Tender No.: IITDM/2024-25/ELECT/005; Dt: 03.09.2024**

**NOTICE INVITING TENDER (E-PROCUREMENT THROUGH CPPP)  
SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ENERGY METERS  
AND OTHER ALLIED WORKS FOR DINING BUILDING & EV CHARGING  
STATIONS**

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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	<b>Supply, Installation, Testing &amp; Commissioning of energy meters and other allied works for dining building &amp; EV charging stations</b>	<b>As per Annexure-III</b>

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

Tender Notice No	IIITDM/2024-25/ELECT/005
Tender Document for	<b>Supply, Installation, Testing &amp; Commissioning of energy meters and other allied works for dining building &amp; EV charging stations</b>
Earnest Money Deposit/ Proof of MSME exemption certificate	Rs. 9,760/- / Attach the proof of MSME Exemption certificate
Estimate Amount	Rs. 3,25,186/- (Excl. GST)
Date of Issue of Tender Documents	03 <sup>rd</sup> September 2024
Pre-Bid Meeting including SITE VISIT	05 <sup>th</sup> September 2024 at 09.00 hrs.
Last date and time of submission	10 <sup>th</sup> September 2024 at 15.00 hrs.
Date and time of opening of Tender	11 <sup>th</sup> September 2024 at 15.30 hrs.
Link for Submission of Bids	<a href="https://etenders.gov.in/eprocure/app">https://etenders.gov.in/eprocure/app</a>

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 wiring 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.
      - (i) Rs. 2.61 lakhs Excl. GST for a single work order  
(Or)
      - (ii) Rs. 1.63 lakhs Excl. GST each for two work orders  
(Or)
      - (iii) Rs. 1.31 lakhs Excl. GST each for three work orders.
- Produce the valid work completion certificate(s) along with its work order(s) from the above mentioned works.
5. **The bidder shall have a registered office in and around Chennai and shall be within 100 km of the institute's radial distance.**
  6. Bidders shall deposit EMD through SBI E'Collect/ 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.
  7. Steps for submission of EMD through SBI E'Collect.
    - Go to link - <https://www.onlinesbi.sbi/sbicollect/icollecthome.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.
  8. 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.

9. For the unsuccessful bidders, EMD amount will be refunded within 30 days from the date of issue of work order.
10. The bidder shall enclose cancelled Cheque/bank details to refund the EMD amount in case of unsuccessful bids.
11. EMD shall be forfeited if any tenderer with draw their offer with in the bid validity period.
12. Quantity mentioned in the technical compliance sheet may subject to vary.
13. **Tender Envelope should contain:**
  - Profile of Firm / Agency. (As per **Annexure – I**)
  - Bid Declaration Form (As per **Annexure – II**)
  - Techno-commercial bid (As per the **Annexure-III**)
  - EMD payment details
  - GST Number registration certificate
  - Similar works experience proof i.e., Photo copy of work completion certificate(s) along with its work order(s) must be attached as per the aforementioned.
14. 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.
15. The Institute also reserves the right to reject any bids with sub-standard products even if they are found to be lowest.
16. 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.
17. 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.
18. 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.
19. Special concession in rates if any applicable for Educational Institution shall also be offered and indicated clearly.
20. 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.
21. 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.
22. 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.

23. Work shall be executed and completed as per the technical terms and conditions of this document as per the direction of Engineer in charge.
24. 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.
25. The site is ready for handing over immediately upon submission of security deposit (SD) and contract agreement.
26. 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.
27. 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.
28. 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.
29. 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
30. 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.
31. 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.
32. 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.
33. 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.
  34. 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.
  35. 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.
  36. 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.
  37. 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.
  38. The work is to be executed as per directions of Engineer in charge of IIITDM.
  39. **All necessary safety precautions shall be taken during work execution & operation at site by the bidder.**
  40. Quantities, requirements and specifications given are approximate and may vary as per site conditions and few items may be deleted / added / modified, if needed.
  41. 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.
  42. 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**

<b>S. No.</b>	<b>Description</b>	<b>Remarks</b>
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: <b>(Please enclose the annexure-1I)</b>	
7.	PAN No.	
8.	GST No.	
9.	EMD payment details/ MSME certificate	
10.	Bank account details for EMD refund:	
11.	<p>Similar “Electrical wiring 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.</p> <p>(i.) Rs. 2.61 lakhs Excl. GST for a single work order (Or)</p> <p>(ii.) Rs. 1.63 lakhs Excl. GST each for two work orders (Or)</p> <p>(iii.) Rs. 1.31 lakhs Excl. GST each for three work orders.</p> <p>Produce the valid work completion certificate(s) along with its work order(s) from the above mentioned works.</p>	
12.	Other information, if any	

**Authorized signatory with seal**

(To be printed in the letter head of the bidder)

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**Bid Declaration form**

**To  
The Registrar,  
IITDM Kancheepuram.**

I/We M/s. \_\_\_\_\_ (Name) bid for the  
tender \_\_\_\_\_ (Tender No.) towards  
\_\_\_\_\_ (Name of the item) declare  
that if we withdraw or modify our bids either during the period of validity of bid or fail to execute  
the contract on award the purchase order/contract, we understand and agree that our firm will be  
debarred for the period of one year for further bidding of any tender of your institute. Further, we  
agree that your institute is at liberty to intimate this debarment to all departments/ organizations  
of government and governmental organizations.

**Authorized signatory with seal**



**Techno-Commercial Bid**

**Name of the work:** Supply, Installation, Testing & Commissioning of energy meters and other allied works for dining building & EV charging stations

S. No.	Item Description	Unit	Qty	Rate in Rs.	Amount in Rs.
1	Supplying & fixing of 3-ph, 4 wire, 440Volts, 0-6 Amps, CT programmable, LED <b>multifunction panel meter</b> of size 96*96 mm suitable for measuring & recording various parameters like Voltage, Current, Frequency, Power Factor (Pf), kW, kVA, kVAR, kWh, kVAh, kVARh, Max Demand Current/Power, Phase Angle, Voltage Sequence, CT Polarity Error, Run Hour parameters with protective measures and with provision of RS485 communication as required and also include fabrication, supply & fixing of suitable size IP box to accommodate the required materials as specified by the Engineer-In-Charge and cable termination, gland and fixing in the wall with required connections, lugs, fasteners etc., as required. <b>Make: L&amp;T/ Schneider/ Siemens/ Eltrac/ Elmeasure/ BHEL / Selec</b>	No's	9		
2	Supply, Installation, Testing & Commissioning of suitable CT coils along with secondary side disconnectable switches to open/ short whenever required with a current range of 200/5 Amps, 0.66/3kV, minimum Class 'E' insulation, accuracy class 1.0 shall be fixed in the existing Plug In Box and connections to the energy meter as required. <b>Make: Kappa/ Kalpa/ Yokins</b>	No's	27		
3	Supply, drawing, termination and testing of following sizes of FRLS, PVC insulated multistranded copper conductor wire should be in line with the incoming phase colour, 1.1KV grade in existing surface/recess/PVC conduits, by placing of all the accessories & lugs as per the requirement complete etc., <b>Make: Finolex/ Polycab/ Havells/ RR Kabel</b>				
3.1	1 x 2.5 Sq.mm (3-ph)				
3.1.1	Red	Mtrs	200		
3.1.2	Yellow	Mtrs	200		
3.1.3	Blue	Mtrs	200		
3.1.4	Black	Mtrs	200		
3.1.5	Green	Mtrs	200		

4	SITC of 3/4" size Medium class PVC conduit along with accessories like couplers, bends, staples, saddles, screws, fasteners, cement, concrete, sand etc., as required in surface/recess including cutting the wall and making good the same with cement, paint and sand in case of recessed conduit as required. <b>Make: Precision/ Avonplast/ Modi</b>	Mtrs	30		
5	SITC of 6 Amps, 'C' curve, SP MCB, 240Volts, along with din rail, in the IP box including fixtures and fasteners as required. <b>Make: Legrand/ Siemens/ Schneider</b>	No's	9		
6	Supply, Installation, Testing & Commissioning of 3" size Digital Water Flow Meter (7 Digit) suitable for the existing CPVC/ GI pipeline with required coupling, bends & T-joints and other necessary arrangements and shall be fixed in the existing water line by cutting, fixing and making good as per the directions of Engineer-In-Charge. <b>Make: OMEGA/ UPC</b>	No's	2		
7	Supply, installation, testing & commissioning of 1-ph, 230 volts (Phase - Neutral), Class 1.0, 2 wire, 5 - 30A, single phase energy meter suitable for 4 quadrant measurement of kWh and kVAh and Instantaneous readings of voltage, current, active, reactive and apparent powers, frequency, PF, MD in kW & kVA along with date and time shall be fixed in the wall/ box with necessary fasteners & connections etc., as required. <b>Make: L&amp;T / Schneider / Siemens / Eltrac / Elmeasure / BHEL / HPL Electric</b>	Job	2		
8	Supply, installation, testing & commissioning of 1-ph, 230 volts (Phase - Neutral), Class 1.0, 2 wire, 5 - 60A, single phase energy meter suitable for 4 quadrant measurement of kWh and kVAh and Instantaneous readings of voltage, current, active, reactive and apparent powers, frequency, PF, MD in kW & kVA along with date and time shall be fixed in the wall/ box with necessary fasteners & connections etc., as required. <b>Make: L&amp;T / Schneider / Siemens / Eltrac / Elmeasure / BHEL / HPL Electric</b>	Job	2		
9	Supply, drawing, termination and testing of following sizes of FRLS, PVC insulated, armoured, outdoor suitable, multistranded copper cable of 1.1KV grade in the wall/ existing surface/ recess/ DWC pipe/ PVC conduits, by placing of all the accessories, clamps & lugs as per the requirement including termination to complete the job as per the directions of the Engineer-In-Charge. <b>Make: Finolex / Polycab / Havells / RR Kabel</b>				

9.1	3 Core * 10 Sq. mm Cable	Mtrs	200		
10	SITC of the following rating, 230 Volts, 'C' Curve, MCB (Miniature Circuit Breakers) & RCCB (Residual current circuit breakers) suitable for inductive load of the following poles in the above mentioned Horizontal DB complete with connections & dummies etc., as required. <b>Make: Legrand / Siemens / Schneider</b>				
10.1	2 Pole, SPN, 240V, 63A, 'C' Curve, 10 kA breaking capacity, MCB	No's	2		
10.2	2 Pole, SPN, 240V, 40A, 'C' Curve, 10 kA breaking capacity, MCB	No's	2		
10.3	Double Pole, 240V, 40A, 30 mA, 'C' Curve, RCCB	No's	2		
10.4	2 Pole, SPN, 240V, 20A, 'C' Curve, 10 kA breaking capacity, MCB	No's	2		
10.5	Double Pole, 240V, 25A, 30 mA, 'C' Curve, RCCB	No's	2		
11	Supply & fixing of suitable IP65 grade Protection box (SMC box) with transparent front cover for energy meter reading visibility, supply & fixing of Din rail for accommodating MCB's and terminal blocks including earthing connections, lugs, glands, fasteners for fixing the box in the existing wall/ metal etc., as required to complete the job as per the directions of Engineer-In-Charge. <b>Make: Hensel / Sintex / Eстера / Fugitec</b>	No's	4		
12	Supply & fixing of charging stand consisting of acrylic roof sheet and MS Heavy duty stand of channel size of 75*40 mm including digging, suitable foundation, cutting, bending, welding along with necessary fixtures and other arrangements etc., as required to complete the job as per the directions of Engineering-In-Charge.	Job	2		
<b>Total Amount in Rs. (Excl. GST)</b>					

**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**