



Survey no's: 678 to 740/3, Chikkamalligawad,  
Kelageri Village, Dharwad-580007.

**Tender for Supply and fixing of EV Charging stations at IIT Dharwad.**

Tender no: IITDH/IPS/EE/2024-25/025

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**SECTION -I-NOTICE INVITING TENDER**  
**(E-PROCUREMENTMODEONLY)**

**Indian Institute of Technology Dharwad (IIT Dharwad) invites online bids (e- tender) in two bid system from reputed, experienced, and financially sound parities**

Name of the work:	Tender for Supply and fixing of EV Charging stations at IIT Dharwad
Type of Tender:	Open Tender
Cost of tender documents	Free of cost
EMD:	₹14,600/-
Information on Submission of Bids	
Technical	EMD, Technical Specification, Tender Document, Schedule of Requirement and Compliance, Bidders Information/Indian Agent Information, Previous Work Orders etc.
Financial	Financial Bid
	Schedule for opening of Commercial Bid will be notified on CPPP
Contacting Authority:	The Executive Engineer (EE-IPS) Permanent Campus IIT Dharwad E-mail: <a href="mailto:ee.ips@iitdh.ac.in">ee.ips@iitdh.ac.in</a> . Telephone: 91-836-2212-839

The Tender Document can be downloaded from **Central Public Procurement (CPP) Portal <http://eprocure.gov.in/eprocure/app>** and bid is to be submitted online only through the same portal up to the last date and time of submission of tender.

The right to suspend the tender process or part of the process, to accept or reject any or all the tenders at any stage of the process and/or to modify the process or any part thereof at any time without assigning any reason there to vests with IIT Dharwad without any obligation or liability whatsoever.

## **1. GENERAL INSTRUCTIONS TO TENDERERS/BIDDERS**

The tender document can be downloaded from <http://eprocure.gov.in/eprocure/app> and should be submitted ONLY through the same website. The bid will remain valid for 180 days from the date of opening of the financial bid as prescribed by IIT Dharwad. A bid valid for a shorter period shall be rejected, being non-responsive.

### **1.1 INSTRUCTION TO THE BIDDERS**

- i. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online Bidder Enrolment" on the CPP Portal. The registration is completely free of charge.
- ii. Possession of a valid Class II/III DSC in the form of smart card / e-token is a pre-requisite for registration and participating in the bid submission activities. DSCs can be obtained from the authorized certifying agencies recognized by CCA India (e.g. Sify/TCS/ncode / emudhra etc.).
- iii. Bidders are required to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- iv. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible for ensuring that they do not lend their DSCs to others which may lead to misuse.
- v. The bidders are required to login to the site through the secured login portal by entering their respective user id/password and the password of the DSC.
- vi. The CPP portal also has user manuals with detailed guidelines on enrolment and participation in the online bidding process. The user manuals can be downloaded for reference.
- vii. Any queries related to the process of online bid submission or queries related to CPP Portal, in general, may be directed to the 24x7 CPP Portal Helpdesk.

## 1.2 ONLINE BID SUBMISSION PROCEDURE:

**SET-1:** This set of documents should comprise the following files that are necessary for the technical evaluation of the bidding Agency:

- i. **FILE-1:** Scanned copy of Annexure-A (Statutory Documents) along with all the supporting documents and declaration as a single PDF file (name this file as **Annexure-1.pdf**).
- ii. **FILE-2:** Scanned copy of Annexure-B along with supporting documents (if any) as a single PDF file (name this file as **Annexure-2.pdf**).
- iii. **FILE-3:** Scanned copy of Annexure-C as a single PDF file (name this file as **Annexure-3.pdf**).
- iv. **FILE-4:** Scanned copy of any other relevant documents as a single PDF file (name this file as **Annexure-4.pdf**).

**FILE-5:** Scanned copy of the Financial Bid as per **Annexure-D** filled with all relevant information as a single PDF file (name this file as **Annexure-5.pdf**)

## 1.2 BID OPENING

- i. Technical Bids will be opened on the said date and time on CPPP
- ii. Financial Bids of the eligible bidders will be opened on a later date. The date and time for the opening of Financial Bids will be announced later through CPP.
- iii. Bids will be summarily rejected if the tenders are submitted other than through online mode within the stipulated date/time.

**ELIGIBILITY CRITERIA:**

Only those bidders fulfilling the following Eligibility Criteria (supported by documents) are expected to participate in the Tender **(all criteria to be mandatorily fulfilled for technical qualification)**: -

S. No.	Eligibility Criteria	Document required
1.	Proof of establishment of company/business for a period of more than 3 years.	The Bidder must be in the business of EV Charging Station Works as described in the specification for a period not less than 3 years (i.e., must be in this business from 2021 or earlier).
2.	Previous experience & copy of performance certificates along with Work Orders	<p>The bidder/OEM should have executed one contract for similar works of <b>₹ 5.84 Lakh</b>            (or)            The bidder/OEM should have executed two contracts for similar works of <b>₹ 4.38 Lakh.</b>            (or)            The bidder/OEM should have executed three contracts for similar works of <b>₹ 2.92 Lakh.</b>            in any one year of the previous three financial years (2021-22, 2022-23, 2023-24) in any IITs/IIMs/State/Central Govt. offices/PSUs/Central Universities/ESCOM / KPTCL/limited companies etc. during a period of last 3 years (i.e., Work orders issued before during October 2021 till date). COPIES OF WORK ORDERS OR SUCCESSFULL COMPLETION CERTIFICATES TO BE SUBMITTED ALONG WITH THE</p>

		TECHNICAL BIDS. Similar works mean Electrical works.
3.	Net worth	The net worth of the Bidder should not be negative as on 31-Mar-2024 and also should have not eroded by more than 30% (thirty percent) in the last three years, ending on 31-Mar-2024.
4.	Minimum Average Annual Turnover of the <b>bidder</b> (in the last 3 Financial years)	₹ 22,00,000/-
5.	<b><u>Duly Signed Tender Document</u></b>	The following information must be submitted on the letter head of the company / bidder: <ul style="list-style-type: none"> <li>● Compliance of Section II &amp; III</li> <li>● Compliance for commercial terms of tender</li> <li>● Compliance for scope of work to be executed.</li> </ul>
6.	<b>Non-Black listing</b>	A Certificate/Undertaking on the letter head of the Company to the effect that the bidder has not been blacklisted anywhere in India or abroad by any organization. A self-certification to this effect is required to be closed.
7.	<b>GST and Income Tax</b>	The Bidder should be registered with concerned statutory authorities for GST/Income Tax etc. The bidder should furnish relevant GST registration documents and PAN/TAN copies along with the bank details of the firm

(To be submitted on firm/contractor's letter head)

No.....

Date: .....

To  
The Executive Engineer,  
Indian Institute of Technology Dharwad,  
Permanent Campus.  
Dharwad-580007.

Dear Sir,

**Sub:** Tender for Supply and fixing of EV Charging stations at IIT Dharwad

With reference to your notice Supply and fixing of EV Charging stations, I am / we are pleased to offer myself / ourselves to undertake the above work in your esteemed organization. in submission of this offer, we confirm that:

- i) We have not made any misleading representation in the forms, statements, and attachments in proof of the qualification requirements.
- ii) We do not have records of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history, or financial issues.
- iii) Business has never been banned by the Central / State Government Department/public sector Undertaking or Enterprise of Central / State Government.
- iv) We have submitted all the supporting documents and furnished the relevant details as per the prescribed format.
- v) The information and documents submitted with the tender by us are correct and we are fully responsible for the correctness of the information and documents submitted by us.

Yours faithfully,

(Signature of the authorized person of the firm/contractor with office seal).



**Section -III**

**Application form**

**PART-1(BASICINFORMATION)**

1	Name of the Contractor / Firm / Organization/Company.	
2	Official Address for Correspondence With Telephone & Mobile Nos.	
3	Correspondence address with contact person's name, telephone number, mobile number etc. (The Company should have office and service facilities in Karnataka)	
4	Type of Firm/Organization, whether proprietorship, partnership or private limited company etc.	
5	Year of establishment	
6	Name of the Proprietor / Partners /Directors in Organization	a) b) c) d)
7	a) Details of Registration (Firm, Company, etc.) i. Registering Authority ii. Date iii. Number b) Details of Labor license i. Registering Authority ii. Reg No. iii. Date of issue iv. Date of expiry.	To be filled by the vendors

8	a) Details of Income Tax Permanent Account Number (PANNo.). b) Details of TIN No. c) Details of EPF No. d) Details of ESI No. e) Details of GSTNo. (enclose a copy of the certificate competent Authority)	To be filled by the vendors
9	Annual turnover of the firm for the last three years (in Rs. Lakhs)  (Furnish copies of Balance Sheet and Profit & Loss Account)	a) For F.Y.2022-23:  b) For F.Y.2021-22:  c) For F.Y.2020-21:
10	Whether registered/empaneled with any of the Govt., Semi Govt., MES, IIT, NIT, IISc, Govt. Undertaking, Public Sectors, Limited companies etc. as approved contractors and if so, furnish details.	
11	Whether any technical personnel are employed with the Firm / Organization and if so, give details of their experience, qualification	
12	If involved in any litigation earlier with any organization. If so, please submit the details.	
13	Any civil suits pending in any of the works executed. If so, furnish details.	

(Signature of the Contractor / Authorized person on behalf of the Firm/Organization)

Tender no.: IITDH/IPS/EE/2024-25/025

## GENERAL CONDITIONS OF CONTRACT

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Online Tenders are hereby invited on behalf of the Indian Institute of Technology, (IIT) Dharwad, for EV Charging Station at IIT Dharwad.

### **2. QUALIFICATION CRITERIA:**

Only those bidders fulfilling the following Eligibility Criteria should participate in the tender: -

- 2.1. Bidders must be in the business of providing EV Charging Station in the past 3 years or more (i.e., the firm must be in the business since September 2019 or earlier. The Bidder should have his registered office within 500 Km range in and around IIT Dharwad.
- 2.2 The Bidder must have carried similar work as per following range in reputed organizations/IITs/IIMs/Govt.offices /PSUs/Central-Universities / ESCOM / KPTCL/Limited companies etc. during a period of the last 3 years (i.e., Work orders issued before during October 2021 till date). Completion certificates/work done certificates etc. to this effect are required to be enclosed.
  - a. If Total value of three completed/ ongoing and similar works of value (i.e. ₹ **2.92 Lakh**) (OR)
  - b. If Total value of two completed/ ongoing and similar works of value (i.e. ₹ **4.38 Lakh**) (OR)
  - c. If Total value of one completed/ongoing and similar works of value (i.e. ₹ **5.84 Lakh**)
- 2.3 A Certificate/Undertaking on the letter head of the Company to the effect that the bidder has not been blacklisted anywhere in India or abroad by any organization. A self-certification to this effect is required to be enclosed.
- 2.4 The Bidder should be registered with concerned statutory authorities for GST/Income Tax etc. The bidder should furnish relevant GST registration documents and
- 2.5 PAN/TAN copies along with the bank details of the firm.

2.6 The bidder shall enclose documentary proof of engagement of manpower of 20 Heads and more such as PF Statements.... etc.

Any prospective bidder, not satisfying any of the above-mentioned qualification criteria shall be disqualified on technical grounds and the price bid of such disqualified bidder will not be considered for this tender.

3. Tender documents can be obtained from

CPPP portal <http://eprocure.gov.in/eprocure/app>

4. The bidder must submit the following documents/information within the Technical Bid (all 6 criteria to be mandatorily fulfilled for technical qualification):

- a. Copy of the valid PAN Card, GST registration be forwarded.
- b. Proof of establishment of company/business for a period of more than 5 years.
- c. Completion certificates by the Bidder for Civil works in reputed organizations/IITs/IIMs/PSUs/Central universities/escom /KPTCL/Limited companies etc. during a period of last 3 years (as per the qualification criteria limits).
- d. A Certificate/undertaking on the letter head of the company to the effect that the bidder/ manufacturer had not been blacklisted anywhere in India or abroad by any organization.
- e. In case EMD exemption is sought under SME/MSME/NSIC, Valid certificate explicitly mentioning nature of operation shall be forwarded in addition.

5. The technical bids shall be opened as per schedule placed at Notice Inviting Tender (NIT). The vendors who are short listed after qualifying technical bid evaluation will be intimated the date of opening of price bids subsequently through proper means. IIT Dharwad reserves the right to reject any or all the tenders/bids without assigning any reason thereof.

6. Income Tax PAN number & GST registration number is to be submitted along-with the bid.

7. The tenderer is advised to avoid offering discount /rebate in the covering page or at the end of the schedule. Instead, the same can be incorporated in the unit rate by reducing the unit rates. If at all offered, the discount / rebate percentage offered

is to be written in words such as Five percent / point Five percent etc.

8. The rates quoted shall be inclusive of all taxes, royalties etc. The contractor shall quote for all the items whose rates are asked and not leave any blanks all taxes including GST shall be borne by the contractor.

9. The offer should be valid for 90 days from the date of opening for the purpose of issue of acceptance letter. The amount quoted herein after referred to as base rate must be firm and inclusive of all charges of any kind and inclusive of any kind of liability from / to any authority. GST shall be mentioned separately and must not form part of base price. There will be no extra payment or payment of escalation in the amount under any circumstances whatsoever. Statutory taxes will be deducted at source from the payment against the bill amount.

10. No extra item or substitute item shall be allowed out without prior approval in writing.

11. Work must be carried out in consultation with the representative as authorized by IIT Dharwad.

12. The tenderer should submit the requisite interest free Earnest Money Deposit (EMD, if applicable) by pay order or Demand Draft in favor of **The Registrar, IIT Dharwad**. Tenders not accompanied by the Earnest Money Deposit shall not be considered. The EMD of unsuccessful tenderers will be returned within one month of award of work. In case EMD exemption is sought under SME/MSME/NSIC, Valid certificate from MSME explicitly mentioning the tender work herein, is required to be submitted.

13. The full value of Earnest Money Deposit is to be absolutely forfeited to the Director, IIT Dharwad or his authorized representative, with prejudice to any other rights or remedies to the Director, IIT Dharwad or his authorized representative, if the contractor fails to commence the work within 15 days continuously from the schedule date of commencement specified.

14. The Earnest money deposit paid at the time of tender, will be released after payment of final bill of L-1bidder.

15. No part of the contract shall be sublet without written permission of IIT

Dharwad nor shall transfer be made to power of Attorney authorizing others to receive payment on contractor's behalf.

16. IIT Dharwad reserves the right to reject any tender or all the tenders without assigning any reason therefore.

17. The Contractor shall comply with the provisions of all Acts, Statutes, Rules, Regulations etc. of the Central and State Government as the case may be that may apply to his case and if necessary, get himself duly registered as required by the said Acts, Statutes, Rules, Regulations etc.

18. The contractor for the work shall be liable to pay applicable tax (including Taxes on works contract to state Government) if any that may be levied by the State or Union Government. Any request contrary to this will not be accepted.

The track record of the contractor should be clean and he should not have any involvement in any illegal activities or frauds.

**19. Period of Work:** 60 days

**20. Terms of payment:** As per the measurements at site and on certification of Junior Engineer, IIT Dharwad.

- a) The payment shall be released through NEFT/RTGS payment system only in the bank account of the contractor after necessary deduction of statutory dues.
- b) TDS and other Statutory taxes shall be deducted at the source from the monthly bills.
- c) Security Deposit of 5 % shall be deducted from Monthly bills and shall be paid on the completion of Defect liability period successfully.

**21.**It shall be open to the Institute to abandon or give up at any stage of the construction of any of the said works or any part thereof. In the event of such abandonment or giving up or in the event of termination of the agreement, the Contractor shall be paid up to the work performed by then.

**22. Deviation, Extra Items & Approvals for Pricing:**

In case of execution of any extra items(s), apart from the BOQ, contractor must intimate the office of the Dean-IPS to obtain prior sanction for carrying out the

work along with the quantities & rates. Thereafter, the contractor may submit the bills as per the usual practice of submission of RA bills.

All the extra items will be paid as per DSR 2023 for available items for non-available items market price shall be paid based on comparison of 3 quotations.

***DEVIATION LIMIT FOR THE CONTRACT ITEMS IS 30%.***

In case of contract items which exceed the limit of Bill of quantities of tender, the contractor must intimate the office of Dean (IPS) to obtain prior sanction for carrying out the work along with the quantities & rates. Thereafter, the contractor may submit the bills as per the usual practice of submission of RA bills.

**23. Termination of contract:** If the Contractor fails to perform any of its obligations under this agreement or if institute is dissatisfied with the services of the contractor, institute may issue seven days written notice intimating the contractor of their failures or deficiencies and calling upon contractor to rectify within such time as may be specified in the notice and if the contractor fails to perform such obligation or make good such deficiencies as pointed out to the contractor in the notice, institute may terminate the services of contractor under this agreement. institute may also terminate the contract hereunder:

i) if the firm is adjudged bankrupt or

ii) if they make a general assignment for the benefit of their creditors or

iii) if a receiver is appointed on account of their insolvency or

iv) they disregard law, ordinances, rules, regulations, or orders of any public authority having jurisdiction on the works.

The termination shall be without prejudice to all rights, liabilities and remedies that have arisen or accrued till date of such termination or that may arise on account of such termination and institute may get the project completed by whatever method they may deem expedient. In such case, the contractor shall not be entitled to receive any further payment, if due, until the loss, damage or expense incurred by Institute due to breach of this agreement by Contractor have been settled.

In case the Contractor abandons the work during the project, the Institute has the right to appoint an alternate Contractor or arrange for carrying out the work of Contractor, at the risk and cost of the Contractor. Traveling / daily allowances shall not be payable to the Contractor, its representatives, officials, and consultants engaged by it for their visit to construction site, offices of local authorities, Employer's office, or any other place in Dharwad.

The scope of work broadly described herein and assigned to Contractor, as their area of responsibility is inclusive of all consultancy and other services required in connection with the completion of work whether specifically mentioned herein or not and rendering such consultancy services will not entitle the Contractor to charge any additional fees in as much as the same are included in the overall professional fees payable to them.

- 24. Liquidated Damages Clause:** If any delay in execution of the works is attributable to the acts or omissions and commissions of Contractor Institute shall be entitled to recover liquidated damages after the grace period of 10 days at the rate of 0.5% of the total fees per week of delay limited to maximum of 10% of the total actual fees payable.
- 25. Professional indemnity:** Contractor warrants that it shall exercise high degree of care and diligence in rendering the services pursuant to this agreement and that; such services shall be of a quality and standard satisfactory to Institute. The Contractor shall indemnify Institute from any damage or loss arising from such lack of care and diligence or arising out of any unsatisfactory performance of service by Contractor. The contractor is required to obtain a Contractor All Risk (CAR) policy for successful and safe completion of project. Contractor shall provide a copy of this policy to Institute showing that such insurance has been taken and being maintained and that all the premium thereon has been paid. A certified copy of such insurance policy shall be deposited with Institute.
- 26. Dispute Settlement:** In case of any dispute or difference arise between the parties during the progress of or after construction of this contract or touching or relating either to the said buildings or works, or to any other matter or thing arising directly or indirectly under this contract, then and in such an event the same shall be referred to Director, IIT Dharwad as the SOLE ARBITRATOR who shall alone consider and determine the same, whose decision / award shall be binding and conclusive upon both the said parties and this clause shall be



deemed a submission within the meaning of Arbitration and Conciliation Act 1996 or Statutory modification or re-enactment thereof. It is specifically agreed that the Contractor shall continue to render its services provided herein with all the due diligence, professional skill and tact notwithstanding that any matter, question, or dispute has been referred to arbitration. The venue of Arbitration proceedings shall be Dharwad. It is further agreed between the parties as hereto that the Dharwad Courts alone shall have the exclusive jurisdiction.

**27. Site:** The contractor shall remove all surplus materials, debris etc. out of the IIT Campus from the site of work on completion work and will hand over the site clean before the bill is processed for final payment. Dismantled materials if any (declared by Engineer-in-charge of the work) shall be returned to the Estate/Electrical stores by the contractor at his own cost. The disposal of material shall be done in environmentally friendly way and complying with the local rules and regulations.

**28. Security:**

**a. Movement of contractor's materials:**

Any materials which are removed from the site of work and are required to be taken out from the IIT campus, the contractor should follow the following procedure:

The contractor shall apply in writing to the Engineer- in-charge the details of the materials to be removed including which are rejected etc. This application shall be endorsed by the engineer in charge or his authorized representatives. The materials shall only be allowed to go out of IIT campus after counter signature of the security officer and checked at the gate. No materials/tools will be allowed to be brought on holidays/Saturdays/Sundays inside the campus. Contractors can bring the materials/tools/between 0900 hours and 1700 hours on any working day (Monday to Friday). This may please be noted.

**b. Search:**

Thorough search of all persons and transport shall be carried out at each gate and for as many times as gate is used for entry or exit and may also be carried out at any time or any number of times at the works site within the restricted area.

**c. Working Hours:**

The units controlling restricted areas usually work during five days in the week

and remain closed on Saturday and Sundays. The working hours available to contractor's labor and staff are however appreciably reduced because of the time of entry and exit during working hours. The exact working hours, working days and non-working days observed for the restricted areas where works are to be carried out shall be deemed to have been ascertained by the contractor before submitting the tender. The tenderer's attention is invited to the fact that the total number of working hours for units are prescribed in regulations and no work beyond the prescribed working hours shall be permitted.

**d. Entry and Exit:**

The contractor, his agents, representatives, workmen, etc. and his materials, carts, trucks, or other means of transport, etc. will be allowed to enter through and leave from only such gate or gates and at such times as the concerned authorized in charge of the restricted area may, at their sole discretion, permit. Contractor's authorized representatives, if required, are to be present at the places of entry and exit for the purpose of identifying his carts, trucks, etc. to the personnel in charge of the security of the restricted area.

**e. Labour Law:**

The work will be executed strictly following the Labour Laws of Central Govt & State Govt as may be applicable.

**29. Manpower**

**Deployment:** The required number of manpower and required resources such as tools and tackles shall be mobilized in sufficient number immediately to meet the deadlines of the contract.

All the removed materials for routine maintenance work should be brought to the office for accountability and a separate register needs to be maintained showing all received/used electrical consumables supplied by IIT Dharwad. No materials should be left anywhere in the camp.

<b>SECTION-V</b>	<b>Scope of work</b>
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**Scope of Work for Supply and Installation of EV Charging Stations**

**Objective:** To supply and install electric vehicle (EV) charging stations at designated locations on the campus, ensuring they are fully functional, compliant with national standards, and integrated into the existing electrical infrastructure.

**Supply of Equipment:** The contractor shall supply EV charging stations that meet the required technical specifications (e.g., AC or DC fast chargers) as per the scope of the project.

All equipment should be certified, comply with relevant national and international standards (e.g., Bharat EV Charger Standards or IEC 61851), and be sourced from reputed manufacturers. Chargers should include necessary components such as connectors, charging cables, display units, and software systems.

**Installation Works:** The contractor will be responsible for the installation of the EV charging stations at the specified locations, ensuring that all civil, electrical, and mechanical works required for installation are completed.

**Installation works include:** Mounting and securing of charging units, Laying of necessary electrical cables and conduits. Connection to the electrical supply in compliance with local electrical codes and safety standards installation of any protective structures (e.g., bollards) and signage as required.

**Integration with Power Supply and Grid:** The contractor shall ensure the seamless integration of the EV charging stations with the existing campus electrical infrastructure, including power connections, load management, and grid interaction (if applicable).

Any upgrades or modifications to the existing electrical infrastructure, such as transformers, panels, or distribution boards, shall be carried out by the contractor to support the operation of the charging stations.

**Testing and Commissioning:** The contractor shall perform full testing of the installed EV charging stations to ensure they are operating according to specifications.

The testing should cover electrical safety, operational functionality, and performance under load conditions. Once testing is completed, the contractor will commission the charging stations and hand over the system to the client.

**Software Integration and User Interface:** Charging stations should be equipped with user-friendly interfaces, including payment options, remote monitoring, and control systems (if applicable).

The contractor shall ensure that all necessary software for managing and operating the

charging stations, including mobile applications or web portals, is installed and configured.

**Training and Documentation:**

The contractor shall provide training to the relevant personnel on the operation and maintenance of the charging stations, Detailed documentation, including user manuals, technical specifications, warranties, and maintenance schedules, shall be provided upon completion of the installation.

**Maintenance and Support:**

The contractor shall provide a warranty period for the charging stations and offer after-sales maintenance services, including periodic inspections and repairs. Any required software updates or technical support should be provided during the warranty period and beyond, as specified in the contract.

**Compliance and Safety:**

The installation must comply with local, state, and national safety and electrical standards, including any fire safety regulations applicable to the installation of high-voltage equipment. The contractor must ensure all safety precautions during installation, including grounding, insulation, and protection against electrical hazards.

**Project Duration:** The contractor shall complete the supply, installation, and commissioning of the EV charging stations within the agreed timeline of [60 days], subject to extensions based on mutual agreement.

**Engagement terms of Labour:**

i. The agreement between IIT Dharwad and the contractor shall be purely based on service agreement. The Contractor shall make his own arrangements for the engagement of the Labour.

ii. In respect of the engagement, employment, wages, transport, paying, feeding, housing, and working conditions of Labour and of all matters connected therewith, the contractor shall be solely responsible and liable.

iii. During the continuance of the Contract, the contractor shall at all times be liable to obligations imposed on him by the provisions and requirements of any Central or State Statute ordinance or other law or any Regulation or Bye-law of any local or other duly constituted authority which may be applicable including any such law regulation or order passed or made or coming into force during the period of the Contract.

iv. The Contractor shall comply with the provision of all Labour legislation including the requirements of:

- a) The payment of Wages Act
- b) Owner's Liability Act
- c) Workmen's Compensation Act
- d) Contractor Labour (Regulation & Abolition) Act 1970 and Central Rules 1971
- e) Apprentices Act 1961
- f) Any other Act or enactment relating thereto and rules framed there under from time to time.

v. The successful tenderer shall keep all mandatory records like PF, ESI, Bonus etc. of his employees deployed at IIT Dharwad as per requirement of the Labour enforcement inspector from time to time.

vi. The successful tenderer shall take necessary license from the Asst. Labour Commissioner and comply with the central Labour Act of 1970.

vii. The successful tenderer shall have to take necessary insurance coverage for his workmen and keep IIT Dharwad indemnified against risk. Copy of such insurance premium receipt shall be submitted to IIT Dharwad before the release of first payment.

**Accidents:**

The Contractor shall report within 24 hours of the occurrence of any accident or mishap at or about the Site or in connection with the execution of the work shall report such incident to IIT Dharwad. The Contractor shall also report such accident to the competent authority whenever such report is required by law.

**Insurance:**

Workman insurance policy in the joint name of IIT Dharwad and the Bidder should be submitted to IIT Dharwad before commencing the work. Contractors shall cover all the men and laborers, deployed by him on this work under an adequate comprehensive contractor's all risk policy, to insure Workmen and third-party insurance etc.

The work is to be carried out in occupied office and laboratory premises and hence the contract shall be governed by the rules of IIT Dharwad regarding the working hours, supply & removal of materials etc. The contractor and their personnel shall not cause disturbance to the staff and research activities of IIT Dharwad

The contractor should make proper safety arrangements like safety belts and helmets, etc. for the persons working on site. Contractor shall provide individual identity card to each of his staff /worker as per the approval format. The identity card shall be carried and displayed by the person during his entire presence or working in the premises.

**Evaluation Criteria:**

The L-1 will be decided on the Grand Total Rate quoted for the work. All levies/taxes (i.e., GST etc.) must be clearly mentioned in the row provided for the purpose (as per format of financial bid).

However, the decision of the Competent authority will be final and binding in awarding the order. In case of any clarification required, the same can be clarified from IIT Dharwad before submission of the bids.

The bidders must also note that the quantities may vary (30% more or less). Additional items may also crop up other than the listed items as per site conditions.

**Bidder Information**

1.	Name of the Bidder	
2.	Address of the Bidder	
3.	PAN No.	
4.	GSTN No.	
5.	State of GST Registration	
6.	E-mail	
7.	Contact Person's Name & Designation	
8.	Mobile No.	

**Signature of the Bidder with date and seal**



Tender no.: IITDH/IPS/EE/2024-25/025

**PRICE-BID-SCHEDULE OF WORK / BOQ / PRICE BID****(To be quoted on the letter head of the bidder)**

<b>Bill of Quantities for Supply and fixing of EV Charging stations</b>					
<b>S. No</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate (₹)</b>	<b>Amount(₹)</b>
<b>Sub Head A</b>					
1	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse/MCB cut-out with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility.				
	300 mm x 600 mm x 170 mm	1	Each		
2	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.				
	63 A TPN	1	Each		
	40 A DP	1	Each		
3	Supply of PVC Armoured Cables copper conductor 1.1kV grade confirming to IS 7098				
	16Sqmm 5 Core	45	m		
	6Sqmm 3 Core	10	m		
4	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of the following size direct in ground including excavation and refilling the trench etc. as required, but excluding sand cushioning and protective covering				
	Upto 35Sqmm	10	m		

5	Supply and Installation of DWC pipe for the cable protection				
	100mm	45	m		
	50mm	40	m		
6	Supply and installation of Copper lugs for the armoured cables size 16sqmm and 6sqmm	18	Each		
<b>S. No</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate (₹)</b>	<b>Amount(₹)</b>
<b>Sub Head B</b>					
1	Supplying and fixing regular MCCB distribution Panel confirming to IS/IEC 61439 - 3 and IK09 tested as per IS/IEC 62262 with minimum IP43 protection provided with Polyurethane (PUR) gasket, with suitable earthing system, on wall/wood board/flush mounting using required cl A , bolts, nuts, etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440V 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCB's as outgoings confirming to IS/IEC 60898 - 2.				
	12 Way	1	Each		
2	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with adjustable thermal magnetic release, Micro processor release shall have Earth Fault as per IS/IEC 60947-2 . (Icu=100% lcs). In 4P MCCB, all Poles should have protection for Short-Circuit/Over Load. For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the				

	poles simultaneously and they shall have a single mechanism.				
	100A 25kA FOUR Pole	1	Each		
3	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.				
	40 A DP	2	Each		
	63 A TPN	2	Each		
4	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS- 694:2010				
	6 mm <sup>2</sup>	72	m		
	10 mm <sup>2</sup>	60	m		
5	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS 8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100 Volts as per IS-694:1990				
	4C x 6 mm <sup>2</sup>	10	m		
6	Supplying heavy gauge PVC conduit pipe ..... dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/ stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.				
	40 mm dia 2.5 mm thick	10	m		
7	Supply and Installation of DWC pipe for cable protection and intermediate pipe clamping are also included.				
	100mm	14	m		
	50mm	12	m		

S. No	Description	Quantity	Unit	Rate (₹)	Amount(₹)
<b>Sub Head C</b>					
1	<p>Supply installation testing and commissioning of two-wheeler electric charging station specifications as follows.            Power Input : 415VAC (+/- 15%) 3phase, 10kW, standby power consumption &lt; 10Watts, 2 hours internal backup for gateway.            Power Output: 230VAC (+/- 20%), 16A single phase 3.3kW.            Number of Output: 3 Nos and 3Nos Class 1 single phase energy meter.            Charging Interface: IEC60309 Socket, Optional - 16A, 3-Pin Socket.            Protection in built: Plug out - Output terminated upon charging connector plug-out &lt; 3s, ground fault, surge protection, overcurrent, over voltage, under voltage, over temperature, earth disconnection.            User Interface: Emergency stop button, User Authentication - QR code, Mobile App, Remote Start, LED Indications like: Power ON/Idle, Charging, Faculty.            Communication: Wifi, Optional - 4G/Ethernet, Bluetooth to Mobile App.            Communication Protocol - OCPP 1.6            Inclusive of one year software subscription &amp; service charges.</p>	1	Each		
2	<p>Supply installation testing and commissioning of <b>four-wheeler electric charging without pedastal</b> station specifications are as follows:            Power Input: 230VAC (+-15%) Single Phase with dedicated circuit.            Safety: CCID (Charging circuit interrupting Device) trip threshold 30mA, auto reset with 15min Delay. Emergency Stop button            Communication: Data - Cellular 4G LTE, Network Protocol - TCP/IP, Security - HTTPS; 128-bits AES Encryption            User Interface: 4 Line, 20 Characters per line display for the operations. Automotive Unplug Detection            Protection: Surge Protection.            Inclusive of one year software subscription &amp; service charges.</p>	1	Each		

3	Supply installation testing and commissioning of <b>four-wheeler electric charging station with pedestal</b> specifications are as follows: Power Input: 230VAC (+-15%) Single Phase with dedicated circuit. Safety: CCID (Charging circuit interrupting Device) trip threshold 30mA, auto reset with 15min Delay. Emergency Stop button Communication: Data - Cellular 4G LTE, Network Protocol - TCP/IP, Security - HTTPS; 128-bits AES Encryption User Interface: 4 Line, 20 Characters per line display for the operations. Automotive Unplug Detection Protection: Surge Protection. Inclusive of one year software subscription & service charges.	1	Each		
<b>TOTAL</b>					
<b>GST</b>					
<b>GRAND TOTAL</b>					

<b>I</b>	<b>Grand Total (Sub Head A+B+C) in ₹.</b>	
<b>Grand Total in Words:</b> _____ <b>Only</b>		

Total Value of the entire work to be submitted in the BoQ file and the line itemwise cost breakup to be attached as a pdf attachment along with the price bid.

Declaration: I/We do hereby accept all the terms and conditions laid down in the tender document for the above said work/supply. I/We also agree to the condition that the right to suspend the tender process or part of the process, to accept or reject any or all the tenders at any stage of the process and/or to modify the process or any part thereof at any time without assigning any reasons thereto is reserved by the Competent authority of the Institute without any obligation or liability whatsoever.

**Signature of the Bidder with seal.**

**LIST OF APPROVED MAKE/MODEL**

- 1) All material shall confirm to relevant technical specification. The material shall be further subjected to tests in the recognized laboratories at the sole discretion of the Engineer-in- Charge and shall be at contractor's cost.
- 2) Material bearing appropriate ISI marking and having valid license for the last 3 years shall be given preference while selecting for the work.
- 3) In the case of material which are not widely available with ISI marking in the market but confirm to the technical specification mentioned in the tender documents, the same shall be procured from any of the manufacturer listed below after prior approval of the Engineer -in- charge.
- 4) EIC can approve any other brand subject to verification of the adherence to the relevant technical specification.

<b>Sl. No.</b>	<b>MATERIALS</b>	<b>MAKE /BRAND</b>
1	Rigid FR PVC conduit Pipe and accessories	Avonplast, wireman, Nihir, precision, Polycab or equivalent
2	Copper wire /Conductor	Finolex, Polycab, RR cable, Havells, or Equivalent
3	Modular type	Mk, Legrand, anchor, Havells or equivalent
4	MCB / ELCB/ RCCB	Legrand, ABB, Hager, Schindler L&T, Indo-Asian or equivalent
5	MCCB/ ACB	Legrand, ABB, Hager, Schindler L&T, Indo-Asian or equivalent
6	Lighting fixtures & Lamps	Philips, Crompton, Wipro, Havells or equivalent
7	Ceiling fans & exhaust fan	Crompton, orient, Havells, Bajaj, Usha or Equivalent
8	Geyser	Racold, Havells, Bajaj, Usha, AO smith or Equivalent
9	PVC tape	Steel grip, anchor, Jonson or equivalent
10	Call bell	Anchor, Orpat, max or equivalent
11	Distribution board	Indo-Asian, Havells, Siemens, L&T or equivalent
12	UG 1.1kv LT cables	Finolex, Polycab, RR cable, Havells, or Equivalent
13	Air conditioners	Voltas, Daikin, Blue Star, LG or Equivalent
14	PVC casing capping and accessories	Modi, Polycab, classic
15	Motor pump set	Crompton, Kirloskar, KSB or equivalent
16	Timers	L&T, Siemens, ABB, cutler hammer or equivalent
17	Selector switch	L&T, Hpl, Cummins, Havells or equivalent
18	Cable lugs	Dowell's, Johnson, hex or equivalent
19	Cable jointing kit	Raychem, Denson, m-seal or equivalent
20	Indicating led lamp	Siemens, ABB, L&T, Wipro or equivalent
21	Protection relay	L&T, Siemens, ABB, cutler hammer or equivalent

Contractors Sign and Seal

**UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT**

We hereby confirm and declare that we, M/s -----, is/are not under any active debarment from Ministry of Finance and/or Ministry of Education as on the date of bid submission.

Any change in the above status during the evaluation of the present bid shall be intimated to IIT Dharwad immediately.

**Date:**

**(Authorized signature & seal of the bidder)**

**FORMAT FOR PROVIDING EXPERIENCE DETAILS**

**(Bidders should only submit those purchase orders along with work completion certificates which are similar in nature to the present tender and meeting the financial requirement).**

<b>Sl. No.</b>	<b>Year</b>	<b>Name of the Client</b>	<b>Order No. &amp; Date</b>	<b>Contract value per</b>	<b>Remark</b>
					Supporting documents are to be attached.

**Date:**

**(Authorized signature & seal of the bidder)**



**TURNOVER CERTIFICATE**

THIS IS TO CERTIFY THAT TURNOVER OF M/s \_\_\_\_\_  
HAVING PAN \_\_\_\_\_ IS AS UNDER:

FINANCIAL YEAR	AMOUNT IN WORDS	AMOUNT IN FIGURES
2019-20		
2020-21		
2021-22		
2022-23		
2023-24		

AVERAGE TURNOVER=

**Date:**

**(Authorized signature & seal of CA)**