



IIT PALAKKAD

Indian Institute of Technology Palakkad
भारतीय प्रौद्योगिकी संस्थान पालक्काड

Nurturing Minds For a Better World

NOTICE INVITING TENDER FOR

Name of Work : Providing electrical work inside the HPC room for the rack and Air conditioning system at Samgatha block, Nila campus.

Sl. No.	Events	Date and Time
1	Notice Inviting BID (NIT) No.	17/IITPKD/EWD/ELE/2024-25/028
2	Date of Publication	01-10-2024
3	Date / Time of closing	14-10-2024, 1500 hrs
4	Opening of Bids	14-10-2024, 1530 hrs
5	Estimated Cost put to bid	Rs.19,43,000/-
6	Earnest Money Deposit (EMD)	Rs. 38,860/-

Engineering works Division
Indian Institute of Technology Palakkad (Nila
Campus) Near Gramalakshmi Mudralayam,
Kanjikode West, Palakkad – 678 623-
Email: ewd-@iitpkd.ac.in

1. GENERAL

- 1.1. Indian Institute of Technology Palakkad (hereinafter called "IITPKD") invites online Tenders under **Two-Bid System** as per the specifications given in Annexure-I.
- 1.2. The tender documents may be downloaded from <https://mhrd.euniwizarde.in/>. Last date/time for submission of the bids in ONLINE mode is **14-10-2024, 1500 hours**. The bids will be opened by the duly constituted Committee or The Chairman, Engineering Works Division, through online mode. The technical bids will be opened and examined by a technical committee or Engineering Works Division, which will decide the suitability of the bid as per the specifications and requirements of IITPKD. Only those who qualify in the technical evaluation will be graduated to the opening of financial bids. In case of any holiday or unforeseen closure of the institute on the scheduled day of opening of the bids, the bids will be opened on the next working day at the same time, but the deadline for submission of bids remains the same as indicated above.
- 1.3. The bids shall be submitted online in E- Wizard Portal (<http://mhrd.euniwizarde.in/>)
- 1.4. The responsibility of submission of the bids on or before the last date shall rest with the tenderer.
- 1.5. Canvassing or offering of an advantage or any other inducement by any person with a view to influencing acceptance of a bid is an offense under Laws of India. Such action will result in the rejection of the bid, in addition to other punitive measures.
- 1.6. Each tenderer shall submit only one bid, either by himself or as a partner in a joint venture or as a member of a consortium. If a bidder or if any of the partners in a joint venture or any one of the members of the consortium participate in more than one bid, the bids (of both the individual and the partnership/consortium/joint venture) are liable to be rejected.
- 1.7. The bidder shall bear all costs associated with the preparation and submission of his bid and IITPKD shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tender process.
- 1.8. The Tender Document is not transferable. The bidder shall make a copy of the tender document before submitting the same to the concerned office.
- 1.9. IITPKD will respond to any request for clarification or modification of the Tender Document that is received up to FIVE (05) days prior to the deadline for submission of bids prescribed by IITPKD. For this purpose, the prospective bidder(s) requiring clarification in the Tender Document shall notify IITPKD in writing at the address mentioned. Any such clarification, together with all details on which the clarification had been sought, will be published in the website.
- 1.10. Except for any such written clarification by the Institute, which is expressly stated to be an addendum to the tender document issued by the Chairman, EWD, IIT Palakkad, no written or oral communication, presentation or explanation by any other employee of any of the Sections/Departments of the Institute, shall be taken to bind or fetter the Institute.
- 1.11. **EARNEST MONEY DEPOSIT (EMD)**
- 1.12. The bidder shall furnish EMD of **Rs.38,860/-** through an online payment gateway in the E-Wizard.
- 1.13. Bids not uploaded by EMD shall be **DISQUALIFIED**
- 1.14. EMD of the successful bidder shall be returned on receipt of the prescribed Performance Security and after signing of the contract agreement.
- 1.15. EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest by the 30th day after the award of the contract.
- 1.16. EMD shall be forfeited
 - a. if the bidder withdraws his bid during the period of validity of the tender.
 - b. if the successful bidder refuses or neglects to execute the contract or fails to furnish the required Performance Security within the time frame specified by the Institute.
- 1.17. c. if the successful bidder fails to execute the Contract on specified timeline
The firms who are registered with National Small Industries Corporation (NSIC) / or Small

Scale Industrial (SSI)/ Micro & Small Enterprises (MSMEs) are exempted from furnishing the EMD. Self attested photocopy of valid registration certificate issued by competent authority for “**Electrical equipment**” to be uploaded with the technical bid for exemption of EMD.

2. ADDENDUM IN THE TENDER DOCUMENT

- 2.1. At any time prior to the deadline for submission of bids, IITPKD may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Tender Document by way of addendum(s).
- 2.2. Addendum will be intimated through the E- Wizard portal and the bidders shall ensure that the addendums are carried out in the bid before submission. The addendums will not be published in newspapers. Bidders should regularly visit the MHRD portal to keep themselves updated.
- 2.3. No extension in the bid due date/ time shall be considered on account of delay in submission of bid.

2.4. COMPOSITION OF THE TENDER DOCUMENT

The Tender Document comprises of:

- (a) Instruction to the bidders including terms and conditions
 - (b) Schedule of Quantity (Annexure-I)
 - (c) List of Preferred Makes (Annexure - IA)
 - (d) Techno-Commercial Parameters (Annexure-II)
 - (e) Eligibility Criteria for Bidders (Annexure III)
 - (f) Compliance Statement (Annexure-IV)
 - (g) Format of Performance Security (Annexure- V)
 - (h) Declaration for Not blacklisted (Annexure-VI)
 - (i) Fall clause notice certificate (Annexure-VII)
 - (j) Format for Self Declaration (Annexure - VIII)
- 2.5. The bidder is expected to examine all instructions, forms, terms and conditions in the bid Document. In the event of discovery of any missing pages, the bidder shall inform the same to the Section/ Department concerned. Failure to furnish the information required by the Tender Document or submission of a tender not substantially responsive to the bid Document in every respect will be at the bidder’s risk and may result in rejection of the bid.
 - 2.6. The bidder shall not make or cause to be made any alteration, erasure or obliteration to the text of the Tender Document.

3. LANGUAGE/FORMAT/SIGNING OF THE BID

- 3.1. The bid prepared by the Bidder and all correspondence and documents related to the tender exchanged by the Bidder and IITPKD shall be in English and the Contract shall be construed and interpreted in accordance with that language. If any of the brochures, leaflets or communication is prepared in any language other than English, a translation of such document, correspondence or communication shall also be provided at the cost and risk of the bidder. The translation so provided shall prevail in matters of interpretation. The bidder, with respect to such documents, correspondence and communications, shall bear the costs and risks of such translation.
- 3.2. The documents comprising the bid shall be typed or written in indelible ink and all the pages shall be signed by the bidder or a person or persons authorized by the bidder. All the pages of the bid shall be numbered and except for unamendable printed, shall be signed by the person or persons authorized.
- 3.3. The bid shall not contain any internalizations, erasures, overwriting, except to correct errors made by the bidder, in which case the person or persons signing the bid shall initial such corrections with date.

4. DOCUMENTS COMPRISING THE BID

- i. The Bids shall be submitted online through MHRD portal (<https://mhrd.euniwizarde.in/>)
- ii. Bids submitted in any mode other than ONLINE will be rejected outright.
- iii. The bidder must have a registered office in Karnataka/Tamil Nadu/Telangana/Andhra Pradesh or Kerala. Certificate of registration for the offices to be provided.
- iv. The Agency must have a valid electrical license for carrying out the work. Copy of the same must be uploaded along with the tender documents.
- v. Documents establishing conformity of the terms and conditions of the Tender Document shall be provided along with the bid. The offer/bids should be sent only for a system or item that is available in the market and supplied to a number of customers. Bids for a prototype machine will not be accepted.
- vi. Compliance or Confirmation report with reference to the specifications and other terms and conditions should also be obtained from the principal.
- vii. Information related to the agency/bidder such as photocopies of the Registration/PAN/GST/TIN shall be furnished.
- viii. The technical bid should consist of all technical details along with commercial terms and conditions.
- ix. No prices should be included in the technical bid. Financial Bid should indicate item-wise prices for the items mentioned in the technical bid.
- x. Bidders, who are bidding for this NIT shall, Digitally signed tender documents should be uploaded in Cover One.

5. BID PRICES

- i. Prices must be quoted separately for each item identified.
- ii. Price quoted for the item must include all costs associated with packing, transportation, insurance, delivery of material, loading and unloading on DOOR DELIVERY basis to the institute including its supply, installation testing and commissioning.
- iii. Rate shall be inclusive of GST and shall not be added separately.
- iv. Prices quoted by the bidder shall be fixed during the validity of the bid.

6. BID CURRENCY

- 6.1. Prices of the items shall be quoted in Indian Rupees.

6.2 CONFORMITY OF THE TENDER DOCUMENT

- i. The bid document consisting of specifications, the schedule of quantities of various items to be executed and the terms and conditions of the contract and other necessary documents except Standard General Conditions of Contract can be seen in the tender document
- ii. The documentary evidence of conformity of the item to the Tender Document may be in the form of written descriptions supported by literature/diagrams/certifications, including:
- iii. A detailed description of the essential technical, functional and performance characteristics of the material that the Bidder is proposing to construct;
- iv. Technical details of the major sub items /subsystems/components of the item;

7. PERIOD OF VALIDITY OF BIDS

Bids shall remain valid for a period of 75 days after the date of deadline for submission of bids prescribed by the Institute.

8. MODIFICATION AND WITHDRAWAL OF BIDS

- i. The Bidder may modify or withdraw the bid after submission only through ONLINE mode, within the period of deadline for submission of bids.
- ii. No bids can be modified subsequent to the deadline for submission of Bids.
- iii. No bids can be withdrawn in the interval between the bid submission deadline and the expiration of the bid validity period.

9. OPENING AND EXAMINATION OF BIDS

- i. The bids will be opened on the prescribed date and time as mentioned in the Bid

document in ONLINE mode.

- ii. The Institute will evaluate the bids. Those bids, whose qualification in the prequalification criteria will be considered for evaluation of financial bids. Those bids which are found to be either non-responsive, not satisfying the requirements or both will not be considered for opening their financial bids and will be rejected.
- iii. The Institute will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required security has been furnished, whether the documents have been properly signed and whether the bids are generally in order.
- iv. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price, which is obtained by multiplying the unit price and quantity, or between subtotals and the total price, the unit or subtotal price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words shall prevail.
- v. The Institute may waive any minor non-conformity or irregularity in a bid that does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.
- vi. Prior to the detailed evaluation, the Institute will determine whether each bid is complete and is substantially responsive to the Tender Document. For purposes of this determination, a substantially responsive bid is one that conforms to all the terms, conditions and specifications of the Tender Document without material deviations, exceptions, objections, conditionality or reservations. A material deviation, exception, objection, conditionality, or reservation is:
 - a. One that limits in any substantial way the scope, quality, or performance of the item; OR
 - b. One that limits, in any substantial way that is inconsistent with the Tender Document, the Institute rights or the successful Bidder's obligations under the Contract:
 - c. One that the acceptance of which would unfairly affect the competitive position of other Bidders who have submitted substantially responsive bids.
- vii. If a bid is not substantially responsive, it shall be rejected by the Institute and may not subsequently be made responsive by the Bidder by correction of the non-conformity.
- viii. The Institute determination of bid responsiveness will be based on the contents of the bid itself and any written clarifications submitted by the Bidder.

10. CLARIFICATION OF BIDS

During the bid evaluation, the Institute may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be through ONLINE mode ONLY and no change in the price or substance of the bid shall be sought, offered or permitted.

11. EVALUATION OF RESPONSIVE BIDS

The Institute will evaluate the bids that have been determined to be substantially responsive.

12. CONTACTING THE PURCHASER

From the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Institute on any matter related to the bid, it shall do so in writing.

If a Bidder tries to directly influence the officials or otherwise interfere in the bid evaluation process and the Contract award decision, his bid shall be rejected.

13. AWARD CRITERIA

The Institute will award the Contract to the Bidder, whose bid has been determined to be substantially responsive for technical bid and evaluated as the lowest quote.

The Institute reserves the right to buy different items/quantities from different bidders considering price of individual/group of item or any other factors as decided by the Committee.

14. INSTITUTE RIGHT TO ACCEPT/REJECT BIDS

The Institute reserves the right to accept or reject any bid or to annul the bidding process and reject all bids at any time prior to Contract award, without thereby incurring any liability to the Bidders.

The Institute reserves the right to negotiate with the Bidder, whose bid has been evaluated as the lowest quote.

15. AWARD OF WORK/PURCHASE ORDER

Prior to the expiration of the period of bid validity, the institute will issue the Letter of Intent Work/Purchase Order to the successful Bidder in writing. The Work/Purchase Order will constitute the foundation of the Contract.

16. CONTRACT AGREEMENT

Within fifteen (15) days of receipt of the work Order, the successful Bidder shall sign and date its copy on each page and return it to the Chairman EWD, along with the Performance Security. Copy of Purchase Order duly signed and dated by the successful Bidder on each page shall constitute the Contract Agreement.

17. PERFORMANCE SECURITY

Within 10 (TEN) DAYS of receipt of notification of award from the Chairman EWD, the successful Bidder shall furnish the performance security equal to 5% of the Contract value. The Performance Security shall be valid all along the contract period and shall extend up to sixty (60) days after the date of completion of work accepted by the Engineer in Charge. The performance security shall be a bank guarantee (in the format as provided in (in the format as provided in Annexure- IV of the bidding documents) issued by any Scheduled Bank in India acceptable to the Purchaser or a Demand Draft favoring, INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD payable at PALAKKAD. The performance security shall be returned to the contractor not later than fifteen (15) days after its expiration.

17.1 SECURITY DEPOSIT : 2.5% of tendered value. The contractor whose tender is accepted will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal to 2.5% of the tendered value of the work. The Security deposit at the rate of 2.5% of the Gross amount of each running bill and final bill till this some deducted will amount to Security deposit of the tendered amount of work. Such deductions will be made at the rates mentioned above in the form of Fixed Deposit Receipt/ E- Bank Guarantee of Bank. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Institute as part of the security deposit and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit

18. CONTRACT DOCUMENTS

All documents forming part of the Contract (and all parts of these documents) are intended to be correlative, complementary and mutually explanatory. The Contract shall be read as a whole.

The order of precedence of the Contract documents shall be as follows: Contract Agreement

- a. All other Forms
- b. Partition /Hardware and their requirements Supplier's Bid
- c. Tender Document

19. AMENDMENT TO CONTRACT

No amendment or other variation of the Contract shall be effective unless it is in writing, is dated, expressly refers to the Contract and is signed by a duly authorized representative of each party to the Contract.

20 . SUPPLIER'S/CONTRACTORS RESPONSIBILITIES

The Supplier's obligations involve:

Supply of items given in Tender Document.

- Making operational, the item (installation, commissioning, testing and validation of the material).

- The Contractor/Supplier shall, unless specifically excluded in the Contract, perform all such work and/or supply all such items, services and materials not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for installation, commissioning, integration and validation of item as if such work and/or items and materials were expressly mentioned in the Contract.
- The Contractor/Supplier shall comply with all laws in force in India. The laws will include all national, provincial, municipal or other laws that affect the performance of the Contract and are binding upon the Supplier. The Supplier shall indemnify and hold harmless, the Purchaser from and against any and all liabilities, damages, claims, fines, penalties and expenses of whatever nature, arising or resulting from the violation of such laws by the Supplier.

21. TIME FOR SUPPLY, INSTALLATION, COMMISSIONING AND VALIDATION OF ITEM

The agency shall complete the work within the period specified in the tender document i.e. within **30 days** from the date of issue work order of signing the work order or within the period mutually agreed between Institute and supplier.

In the event of failure of supply of the item within the stipulated delivery schedule, the Institute has all the right to purchase the item from other sources on the total risk of the Supplier under the risk purchase clause.

22. TERMS OF PAYMENT

No Advance payment will be made for purchase. Each RA (running account) bill will be allowed provided the value of work is more than 25% of value of work. Final payment will be released after satisfactory delivery, acceptance, installation, commissioning, integration and validation of the item and against the installation report/work completion certification by the concerned engineer in charge/Chairman EWD.

23. TAXES AND DUTIES

The Contractor/Supplier should ensure payment of all taxes, GST duties, levies and charges assessed by all municipal, state or national government authorities, in connection with the Goods and Services supplied under the Contract. Nothing extra shall be paid on any account. Rates quoted shall be inclusive of taxes and duties.

24. PENALTIES

If the Supplier fails to complete any of the activities in accordance with the time specified for it, or any extension of the time granted by the Institute.

The Institute reserves the right to terminate the contract if the Supplier defaults on any of the time limits by more than 45 days.

25. DEFECT LIABILITY

The Contractor/Supplier warrants that the item, including all subassemblies and components provided, shall be free from defects in the design, engineering/manufacturing, workmanship and performance that prevent the item and/or any of its subassemblies and components from fulfilling the requirements or that limit in a material fashion the operation, reliability, accuracy, sensitivity and precision of the item, its subassemblies and components. Commercial warranty provisions of products supplied under the Contract shall apply to the extent that they do not conflict with the provisions of this Contract.

The warranty period of **12 MONTHS** shall commence from the date of validation/installation of the equipment and hardware and shall extend for the length of time specified in the tender document supra.

If during the warranty period any defect found in the equipment, the Supplier shall promptly, at its sole cost, repair or otherwise make good such defect as well as any damage to the equipment/hardware caused by such defect. Any defective equipment, subassembly or component that has been replaced by the Supplier shall become the property of the Supplier and the new substituted/replaced material in good condition shall become the property of the Institute.

Any defects are such major repair carried out in the material during the warranty period should suitably be replaced with the desired satisfaction of the institute

If the contractor did not address the defects within the time frame or without proper response in communication, then the Institute has its rights to repair the same and recover repairing expenses from the retention.

26. WARRANTY AND INDEMNITY

The agency hereby shall indemnify and hold harmless the Institute from and against any and/or losses, liabilities and costs (including losses, liabilities and cost incurred in defending a claim alleging such a liability), the Institute may suffer because of any infringement or alleged infringement of any Intellectual Property Rights.

The offer should clearly specify the warranty or guarantee period for the items. Any extended warranty offers from the same shall be mentioned separately.

27.EFFECT OF FORCE MAJEURE

If the agency is prevented, hindered, or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the Institute in writing of the occurrence of such event and the circumstances of the event of Force Majeure within fifteen (15) days after the occurrence of such event. The Contractor/Supplier, when affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect of the event of Force Majeure upon its performance of the Contract and to fulfill its obligations under the Contract, but without prejudice to Institute right to terminate the Contract.

No delay or non-performance by the Supplier caused by the occurrence of any event of Force Majeure shall:

Constitute a default or breach of the Contract.

Give rise to any claim for damages or additional cost or expense occasioned by the delay or non- performance.

If the performance of the Contract is substantially prevented, hindered, or delayed for a single period of more than THIRTY days or an aggregate period of more than SIXTY days on account of one or more events of Force Majeure, the institute shall have the right to terminate the Contract by giving a notice to the Supplier.

28. EXTENSION OF TIME LIMITS FOR SUPPLY AND MAKING OPERATIONAL, ITEM

The time limit for supply, installation & commissioning, integration & validation shall be extended if the supply is delayed or impeded in the performance of any of its obligations under the Contract by reason of any of the following:

Any occurrence of Force Majeure.

Any other matter specifically mentioned in the Contract.

By such period as shall be fair and reasonable in all the circumstances and as shall fairly reflect the delay or impediment sustained by the Supplier.

29. ASSIGNMENT

The agency shall not assign to any third party of the awarded Contract or any part thereof without the prior written consent of the Institute

30.GOVERNING LAW

The Contract shall be governed by and interpreted in accordance with the laws of India.

31. SETTLEMENT OF DISPUTES

Any dispute or claim arising out of/relating to this Contract or the breach, termination or the invalidity thereof, shall be settled by the Hon'ble Courts of Justice at Palakkad.

The page number should be marked in all pages serially (including all supporting documents enclosed with the tender document) and the declaration for the same shall be submitted by the bidder as in Annexure-VII.

32. IITPKD reserves the right to accept or reject any or all the tenders in part or whole or may cancel the tender at its sole discretion without assigning any reason whatsoever. No further **correspondence** in this regard will be entertained

ANNEXURE - I**(Schedule of Quantity)**

Name of Work : Providing electrical work inside the HPC room for the rack and Air conditioning system at Samgatha block, Nila campus.

Sl.No	Description	Qty	Unit
1	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCCB distribution board suitable for MCCB incomer of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer MCCB) as required.		
1.1	12 way (MCCB + 36), Double door	1	No
1.2	8 way (MCCB + 24), Double door	2	No
2	Providing and fixing following rating, breaking capacity and poles MCCB in existing distribution board including providing spreader links and phase barriers, making connections, etc. as required.		
2.1	125 Amp, 16 KA (Ics=Icu), FP MCCB	1	No
2.2	160 Amp, 16 KA (Ics=Icu), FP MCCB	2	No
3	Supplying and fixing following rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
3.1	32 amps TP MCB	8	Each
3.2	32 amps SP MCB	12	Each
4	Supplying and fixing following rating, 240/415 volts, "D" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
4.1	63 amps TP MCB	16	No
5	Supplying and fixing 63 amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 63 amps "D" curve, FPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	8	Each
6	Supplying and fixing 32 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 32 amps "C" curve, DP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	6	Each

7	Supplying and fixing suitable size sintex box outdoor type along with 32 amps "C" curve, FP MCB, on surface or in recess and complete with connections, testing and commissioning etc. as required.	6	No
8	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (galvanisation thickness not less than 50 microns) with all accessories like cover, joints, bend, tee and reducer, perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required.		
8.1	300 mm width X 50 mm depth X 1.6 mm thickness	50	Metre
9	Supplying and testing of following size one number XLPE insulated and PVC sheathed armoured copper conductor power cable of 1.1 kV grade conforming to IS 7098 (Part 1) 1988 as required.		
9.1	4 X 50 sq. mm	80	Metre
9.2	4 X 6 sq. mm	120	Metre
10	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.		
10.1	Above 35 sq. mm and upto 95 sq. mm	16	Metre
10.2	Upto 35 sq. mm	12	Metre
11	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required.		
11.1	Above 35 sq. mm and upto 95 sq. mm (clamped with cable tie)	64	Metre
11.2	Upto 35 sq. mm (clamped with cable tie)	108	Metre
12	Supplying and making end termination with double 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.		
12.1	4 X 50 sq. mm	10	Each
12.2	4 X 6 sq. mm	12	Each
13	Supplying and laying of following size PVC insulated and PVC sheathed flexible copper conductor power cable of 1.1 kV grade conforming to IS 694 in existing conduit/ on wall surface/ on cable tray as required.		
13.1	4 X 16 sq.mm for rack supply	120	Metre
13.2	2 X 16 sq.mm for rack supply	120	Metre
13.3	3 X 4 sq.mm for IDU	80	Metre

14	Supplying and making end termination of PVC gland and copper lugs for following size of unarmoured cable complete as required.		
14.1	4 X 16 sq.mm	16	Each
14.2	2 X 16 sq.mm	16	Each
14.3	3 X 4 sq. mm	12	Each
15	Supply, Installation, Testing & Commissioning of LED Recess mounted luminaire (2x2), with a nominal system lumen output of 3600 lumens and a minimum system efficacy of 120 lm/W. The luminaire wattage shall not exceed 31 W. The luminaire should have a color temperature of 6500K and CRI>80 and Life 50000 hours as per L70B50 criteria. Driver of the luminaire shall have THD<10% and PF >0.9 The luminaire housing should be made of powder coated metallic CRCA with high efficiency opal diffuser. (Make: Philips Cat No - RC380B LED36S-6500 G6 L60W60 PSU OD S1 Or Equivalent in iGuzzini/ Disano)	16	Each
16	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	4	Set
17	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	280	Metre
18	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	70	Metre
19	Providing and fixing earth bus of 50 mm X 5 mm copper strip on surface for connections etc. as required.	1.2	Metre
20	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	220	Metre

ANNEXURE - IA**LIST OF PREFERRED MAKES**

Sl.No	Item Description	List of Preferred Brands/Make/Model No
1	PVC insulated FRLS copper wires i/c Control cables	Finolex/ Polycab /Havells/KEI
2	XLPE insulated PVC sheathed Al, Cu & Control Cables	Universal / RPG Cables / Finolex / CCI
3	Hot Dip Galvanised Cable Tray	Profab Engineer/ MEM/Rico/Slottco/ Steelways/ BEC / Fixotech
4	MCCB	Legrand -DX3 / Schneider -NSX / Siemens 3VL
5	MCB	Legrand DX3 / Schneider ACTI9 / Siemens 5SX4
6	DB/ ELCB/ RCBO	Legrand Ekinox3 / Schneider ACTI9 /Siemens Betagard
7	Modular type Switches/ GI Boxes/ PVC boxes/ Sockets T.V./ Telephone /LAN socket Outlet etc for Normal application	Legrand -Myrius / Schnieder /Siemens
8	Industrial socket with plug top	Legrand / L&T / Schnieder
9	Double compression Cable Gland	Peeco/ Commet/ Gripwell / Dowells
10	Lugs and Thimbles	Dowells/ Multi/ Capital
11	LED Light Fittings	Phillips/ iGuzzini/ Disano
12	Any other item not mentioned above	With prior approval of the Engineer-in-charge

ANNEXURE-II
TECHNO-COMMERCIAL BID

(TO BE SUBMITTED ONLY THROUGH ONLINE MODE IN APPROPRIATE FORMAT)

A. Company Profile
Name of the Company/Bidder
Postal Address of the Registered Office
Telephone (Landline) No.
Mobile No.
Email Address (Official)
Name of the CEO/Director
Name(s) of the Partners (if applicable)
Registration No. (Upload supporting document)
Type of Firm (Proprietary/Partnership/Private Ltd./Private/MNC/Cooperative/Govt. Undertaking/Any Other)
Email Address and Contact Number(s) of CEO/Director
Year of Establishment
No. of Years of Operations in India
Location of Offices in India / Abroad
PAN (Upload supporting document)
GST (Upload supporting document)
B. Alliances for the Purpose of this Bid, if applicable (Upload supporting document)
Details of Alliance(s)
Type of Alliance(s)
C. Experience/Credentials
D. Service Support and Availability of Spares in India
Location and Address of Service Centres
Whether the OEM offers any service
Whether the service set up maintains stock of Essential Spares in India
Lead time for Supply of Essential Spares
E. Others
Has the firm ever been debarred/blacklisted by any Govt. Organization/Dept.? If 'yes' the details thereof. Upload (supporting document)
Note: Supporting Documents, wherever asked for, shall be uploaded along with the Bid, without which the Bid shall be rejected outright.

ANNEXURE-III
ELIGIBILITY CRITERIA FOR BIDDERS

LIST OF DOCUMENT TO BE SCANNED AND UPLOADED WITHIN THE PERIOD OF BID SUBMISSION

Only those bidders fulfilling the following criteria should respond to the tender.

1. Information related to the agency/bidder such as photocopies of the Registration/PAN/GST/TIN shall be furnished.
2. The enlisted contractors of CPWD, MES, BSNL, Kerala State PWD should upload their valid Registration Certificate.
3. The Agency must have a valid electrical license for carrying out the work. Copy of the same must be uploaded along with the tender documents.
4. Digitally signed tender documents should be uploaded in Cover One.
5. Has the firm ever been debarred/blacklisted by any Govt. Organization/Dept.? If 'yes' the details thereof (Please upload supporting document). Is any person working with the applicant a near relative of the Employees of IIT Palakkad? If yes, give details (Separate declaration to be uploaded along with tender document)

ANNEXURE-IV
COMPLIANCE STATEMENT
(Part of Technical Bid)

The vendor shall,

1. Prepare, sign and submit the Compliance Statement of the specification of the item in the format given below along with the technical bid in the company letter head.
2. Submit separate Compliance Statement of specification sheets for each item.
3. Ensure that the component number and heading in the Technical Specifications is clearly mentioned in the document. If there are any deviations from the specifications mentioned by IIT Palakkad, the vendor should clearly indicate the deviations and give reasons for the deviation with proper justification.
4. Provide the technical leaflet/literature/catalogue or any relevant document for all the quoted items to IIT Palakkad. The information provided in the compliance statement without supporting documents will not be considered for the evaluation of the technical bid and will be treated as non-compliance and may lead to the disqualification of the technical bid.
5. Clearly respond to every requirement given in the technical specifications. Lack of clarity may be considered as lack of information and may subsequently lead to disqualification of the technical bid.

Format of Compliance Statement:

Item No.	IIT Palakkad's technical specification of components as given in Annexure-I	Specifications of model/make quoted by the vendor	Vendor's specification complies with IIT Palakkad's technical specification? (YES/ NO)	Deviation, if any, to be indicated in unambiguous terms	Page no. of relevant specification for the quoted model in the technical manual/leaflet

Annexure-V
FORMAT OF PERFORMANCE SECURITY

1. This deed of Guarantee made this day between Bank of _____ (hereinafter called the “Bank”) of the one part, and Indian Institute of Technology Palakkad (hereinafter called “the Purchaser”) of the other part.
2. Whereas the Purchaser has awarded the contract for Supply, Installation, Commissioning, Integration and Validation of _____ (name of the item) (hereinafter called the contract) to _____ (hereinafter called the Supplier); (Name of the Supplier)
3. AND WHEREAS the Supplier is bound by the said Contract to submit to the Purchaser a Performance Security for a total amount of Rs. (Amount in figures and words).
4. Now, I/we the undersigned, being fully authorized to sign and to incur obligations for and on behalf of and in the name of (Full name of Bank), hereby declare that the said Bank will guarantee the Purchaser the full amount of Rs. _____ (Amount in figures and words) as stated above.
5. After the Supplier has signed the aforementioned Contract with the Purchaser, the Bank is engaged to pay the Purchaser, any amount up to and inclusive of the aforementioned full amount upon written order from the Purchaser to indemnify the Purchaser for any liability of damage resulting from any defects or shortcomings of the Supplier under the Contract mentioned above, whether these defects or shortcomings are actual or estimated. The Bank will deliver the money required by the Purchaser immediately on demand without delay without reference to the Supplier and without the necessity of a previous notice or of judicial or administrative procedures and without it being necessary to prove to the Bank the liability or damages resulting from any defects or shortcomings of the Supplier. The Bank shall pay to the Purchaser any money so demanded notwithstanding any dispute/disputes raised by the Supplier in any suit or proceedings pending before any Court relating thereto and the liability under this guarantee shall be absolute and unequivocal.
6. This Guarantee is valid for a period of thirty six months from the date of signing. (Initial period for which this Guarantee will be valid must be for at least thirty (30) days longer than the anticipated expiry date of warranty period).
7. At any time during the period in which this Guarantee is still valid, if the Purchaser agrees to grant a time extension to the Supplier or if the Supplier fails to complete the work within the time of completion as stated in the Contract, or fails to discharge himself of the liability or damages as stated under Para 5 above, the Bank shall extend this Guarantee under the same conditions for the required time on demand by the Purchaser and at the cost of the Supplier.
8. The Guarantee herein before contained shall not be affected by any change in the Constitution of the Bank or of the Supplier.
9. The neglect or forbearance of the Purchaser in enforcement of payment of any moneys, the payment whereof is intended to be hereby secured or the giving of time by the Purchaser for the payment hereof shall in no way relieve the bank of its liability under this deed.
10. The expressions “the Purchaser”, “the Bank” and “the Supplier” herein before used shall include their respective successors and assigns.

In witness whereof I/We of the bank have signed and sealed this guarantee on the _____ day
of (Month & Year) being herewith duly authorized. For and on behalf of the Bank.

Signature of Authority

Name of the Official Name: Designation:

Stamp/Seal of the Bank:

Signed, sealed and delivered for and on behalf of the Bank by the above named _____ in the
presence of: Witness 1 _____ Witness 2 _____

Signature Signature

Name Name

1 Address Address

**ANNEXURE- VI
DECLARATION**

FORMAT OF UNDERTAKING, TO BE FURNISHED ON COMPANY LETTER HEAD WITH REGARD TO
BLACKLISTING/ NON- DEBARMENT, BY ORGANISATION

UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT

We hereby confirm and declare that we, M/s -----, is not blacklisted/
De-registered/ debarred by any Government department/ Public Sector Undertaking/ Private Sector/ or any
other agency for which we have Executed/ Undertaken the works/ Services

We hereby undertake that there are _____ pages, serially numbered, in the
uploaded tender including the supporting documents. (Please serially number all the pages
including blank page, if any). We have submitted our principal's exclusive authorization letter
which is specific for this tender No. dated _____.

Signature and Seal of the Bidder

For -----

Authorized Signatory

Date:

ANNEXURE-VII

FALL CLAUSE NOTICE CERTIFICATE

(To Be Submitted Only Through Online Mode in Appropriate Format)

This is to certify that we have offered the maximum possible discount to you in our Quotation No._dated_(**Please do not reveal the prices here, which will lead to outright rejection of your bid**). The prices charged for the Stores supplied under tender should under no event be higher than lowest prices at which the party sells the items of identical description to any other Govt. organization/PSU"s/Central Govt, /State Govt. Autonomous bodies/Central/state Universities/Central/State Educational Institutions, failing which the "**FALL CLAUSE**" will be applicable. The institute will look into a reasonable past period to ensure this. In case, if the price charged by our firm is found to be more, **IIT Palakkad** will have the right to recover the excess charged amount from the subsequent/unpaid bill of the supplier.

Annexure VIII

FORMAT FOR SELF-CERTIFICATION UNDER PREFERENCE TO MAKE IN INDIA **(TO BE SUBMITTED ONLY THROUGH ONLINE MODE IN APPROPRIATE FORMAT)**

Format for Affidavit of Self-Certification regarding Minimum Local Content in line with "Make in India" Policy vide GoI Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020)

Date: _____

I/We _____ S/o, D/o, W/o, _____

Resident of _____

Hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Order, 2017 (hereinafter PPP-MII order) of Government of India issued vide Notification No:P-45021/2/2017 - BE-II dated 15/06/2017, its revision dated 28/05/2018 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said goods/services/works has been verified by me and I am responsible for the correctness of the claims made therein.

Tick (✓) and Fill the Appropriate Category	
<input type="checkbox"/>	I/We _____ [name of the manufacturer] hereby confirm in respect of quoted items(s) that Local Content is equal to or more than 50% and come under " Class-I Local Supplier " category.
<input type="checkbox"/>	I/We _____ [name of the manufacturer] hereby confirm in respect of quoted items(s) that Local Content is more than 20% but less than 50% and come under " Class-II Local Supplier " category.
<input type="checkbox"/>	I/We _____ [name of the manufacturer] hereby confirm in respect of quoted items(s) that Local Content is less than or equal to 20% come under " Non-Local Supplier " category.

For and on behalf of..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]