



IIT PALAKKAD

**Indian Institute of Technology Palakkad**  
**भारतीय प्रौद्योगिकी संस्थान पालक्काड**

Nurturing Minds For a Better World

**NOTICE INVITING TENDER FOR**

**Name of Work : Construction of building for EFT platform for GSCOE behind  
Brindavani hostel at Nila campus, IIT Palakkad**

**SH: Internal Electrical Works including SITC of Pumps**

Sl. No.	Events	Date and Time
1	Notice Inviting BID (NIT) No.	17/IITPKD/EWD/ELE/2024-25/021
2	Date of Publication	29-08-2024
3	Date / Time of closing	11-09-2024, 1500 hrs
4	Opening of Bids	11-09-2024, 1530 hrs
5	Estimated Cost put to bid	Rs. 11,90,000/-
6	Earnest Money Deposit (EMD)	Rs. 23,800/-

Engineering works Division  
Indian Institute of Technology Palakkad (Nila  
Campus) Near Gramalakshmi Mudralayam,  
Kanjikode West, Palakkad – 678 623-  
Email: [ewd-@iitpkd.ac.in](mailto: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 **11-09-2024, 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 offer of an advantage or any other inducement by any person with a view to influencing acceptance of a bid is an offence 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 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.23,800/- (Rupees Twenty Three Thousand Eight Hundred Only)** 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 fifteen (15) 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 warranty period and shall extend upto sixty (60) days after the date of completion of warranty period.

The performance security shall be a bank guarantee (in the format as provided in (in the format as provided in Annexure-VI 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 automatically become null and void once all the obligations of the Supplier under the Contract have been fulfilled, including, but not limited to, any obligations during the Warranty Period and any extensions to the period. The performance security shall be returned to the Supplier 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 **80 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.

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

**Name of Work : Construction of building for EFT platform for GSCOE behind  
Brindavani hostel at Nila campus, IIT Palakkad, SH:Internal Electrical Work  
including SITC of Pumps  
Schedule of Quantity**

Sl.No	Description	Qty	Unit
	<b>Wiring</b>		
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.		
1.1	Group C	21	Point
2	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required		
2.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	100	Metre
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	150	Metre
2.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	110	Metre
2.4	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	70	Metre
3	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.		
3.1	25 mm	100	Metre
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	2	Each
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6/16 amps modular socket outlet and 15/16 amps modular switch with indicator, connection etc. as required.	18	Each
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing of 2 nos 6 pin 5/6 & 15/16 amps modular socket outlet and 2 nos 15/16 amps modular switch with indicator, connection etc. as required.	2	Each
7	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing of 3 nos 6 pin 5/6 & 15/16 amps modular socket outlet and 1 no 32 amps DP modular switch with indicator, connection etc. as required.	4	Each
8	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing of 2 nos RJ45 port,	3	Each

	connection etc. as required.		
9	Supplying and drawing of UTP 4 pair CAT 6a LAN Cable in the existing surface/ recessed steel/ PVC conduit as required.		
9.1	2 run of cable	80	Metre
10	Supplying and drawing of steel wire/corrugated armoured multimode optical fibre cable of following fibres on surface/ recessed/ in the existing conduit/DWC/GI/ HUME/HDPE pipe etc as required.		
10.1	6 core fibre	200	Metre
11	Supplying and laying of following size HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required.		
11.1	40mm PE100 PN16	160	Metre
	<b>DB's, MCCB, MCB</b>		
12	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)		
12.1	8 way, Double door	1	Each
13	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.		
13.1	12 way (MCCB + 36), Double door	1	Each
14	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
14.1	25 amps	1	Each
15	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.		
15.1	100 Amp, 16 KA (Ics=Icu), FP MCCB	1	Each
16	Supplying and fixing 5 amps to 32 amps 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.		
16.1	32A SP MCB	3	Each
16.2	16A SP MCB	12	Each
16.3	6A SP MCB	6	Each

16.4	32A TP MCB	2	Each
16.5	25A TP MCB	5	Each
17	Supplying and fixing 32 amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 32 amps "C" 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.	4	Each
	<b>LT Cables and Laying</b>		
18	Supplying and testing of following size one number XLPE insulated and PVC sheathed armoured aluminium conductor power cable of 1.1 kV grade conforming to IS 7098 (Part 1) 1988 as required.		
18.1	4 X 25 sq. mm	80	Metre
19	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.		
19.1	Upto 35 sq. mm	60	Metre
20	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.		
20.1	Upto 35 sq. mm	20	Metre
21	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.		
21.1	4 X 25 sq. mm (28mm)	2	Each
	<b>LED Fittings and Fan</b>		
22	Supply, installation, testing and commissioning of following surface/ recess mounting type light fittings complete with all accessories etc. ( All ceiling mounted fittings shall be fixed with 2 Nos anchor fasteners) including connections using 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as required.		
22.1	Supply, Installation, Testing & Commissioning of having a system light output of 3400 lumens and luminous efficacy should be more than 120 lm/W, and CRI > 80, THD ≤ 10%, power factor > 0.9, Life 50000 hours. Light Fixture suspended through string or rod. ( Rate including suspension kit). The luminaire should be designed in a way such that it directs half the light output in an upward manner and the rest half in a downward manner. The luminaire body should be made of high quality extruded aluminium and polymethyl methacrylate diffuser. Lighting Fixtures shall be LM 79 & 80 certified. (Make: Philips make cat no- SP571P LED33S 6500 PSU W12L120 OD SI / Trilux/ iGuzzini/ Disano)	7	No
22.2	Surface mounted Linear LED batten type luminaire (4 feet nominal size) having nominal fixture luminous flux output of not less than 1950 lm and power consumption of not more than 20W, complete with Alu. / CRCA housing, diffuser etc (Philips model - BN100C LED20S-6500 PSU L120 GR S4/ Trilux/ iGuzzini/ Disano).	3	No
22.3	(600mm batten mirror light fitting, 1100 Lumen)		

	Indoor aluminium extrusion housing, surface mounting, 600 mm long batten type LED fitting for mirror directly mounted on wall with suitable mounting accessories etc. having following specification.		
	Min. Lumens output: 1100		
	Minimum system lumen efficacy: 100 lm/W		
	THD: <20%, PF: >0.90, CRI: 80,		
	Colour Temperature: 5700K/6500K		
	L70B50 ≥ 40,000Hrs		
	(Philips model - BN 021 LED12S 6500 PSU GR/ Trilux/ iGuzzini/ Disano).	2	No
23	Supply, installing, testing and commissioning of following size ceiling fan complete with all accessories including wiring the down rod of standard length (upto 30 cm) with PVC insulated PVC Round Sheathed copper conductor flexible cable etc., as required. (but without regulator)		
23.1	900 mm sweep (the model of BLDC ceiling fan shall have power consumption < 28W and IR remote for speed control)	4	No
24	Supply, installation, testing and commissioning of following size exhaust fan with metallic blades, ISI marked in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing, commissioning & earthing etc. as required.		
24.1	230 mm sweep	1	No
	<b>Earthing</b>		
25	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.	2	Set
26	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	30	Metre
27	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	10	Metre
28	Providing and fixing earth bus of 50 mm X 5 mm copper strip on surface for connections etc. as required.	0.3	Metre
29	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	10	Metre
	<b>Pumps</b>		
30.0	Providing, fixing, testing & commissioning of fully submersible, centrifugal non-clog type transfer pumps(1 no Working +1 no Standby). The pump shall have IE2 three phase pump with CI casing & impeller, SS shaft,lifting arrangement for the pump, flexible pipe with coupling connected to the delivery header etc. complete as required.		

	Transfer Pumps :		
	Flow rate (each) = 5 m <sup>3</sup> / hr		
	Head = 15 Mtr		
	Type of Pump - Fully submersible, Centrifugal non-clog (KSB:MR 3A 60-50-18 or equivalent make of Grundfos/Wilo)		
30.1	Starter Panel:- SITCof 3 phase control Starter panel(1 no working + 1 no standby). The panel having Microprocessor based for DOL starting, for automatic pump change over in every start/Stop, Dry run preventer through under current sensing, overload protection, phase reversal protection complete with connection and testing ect as required.	1	Set
31	Providing, fixing, testing & commissioning of fully submersible, centrifugal non-clog type cutter pumps(1 no Working +1 no Standby). The pump shall have IE2 three phase submersible motor pump with 1.9 KW set for handling waste water having CI casing & impeller, SS shaft,IP 68 protection, lifting arrangement for the pump, flexible pipe with coupling connected to the delivery header etc. complete as required.		
	Cutter pumps		
	Flow Rate (each) - 5 m <sup>3</sup> / hr		
	Head - 20 Mtr		
	Solid Handling - 6 mm		
	Type of Pump-Submersible cutter pump(KSB:AMAREX IN S 50 172/012 ULG 160 P or equivalent make of Grundfos/Wilo)		
31.1	Starter Panel:- SITCof 3 phase control Starter panel(1 no working + 1 no standby). The panel having Microprocessor based for DOL starting, for automatic pump change over in every start/Stop, Dry run preventer through under current sensing, overload protection, phase reversal protection complete with connection and testing ect as required.	1	Set

**ANNEXURE - IA****LIST OF PREFERRED MAKES**

<b>Sl.No</b>	<b>Item Description</b>	<b>List of Preferred Brands/Make/Model No</b>
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	UTP Cat 6a Cable	Legrand/ Molex/ Commscope
4	PVC Conduit – ( Colour - Gray/ Ivory)	Precision/ Polycab/ AKG/ Finolex/ Konseal
5	MCCB	Legrand -DX3 / Schneider -NSX / Siemens 3VL
6	MCB	Legrand DX3 / Schneider ACTI9 / Siemens 5SX4
7	DB/ ELCB/ RCBO	Legrand Ekinox3 / Schneider ACTI9 /Siemens Betagard
8	Modular type Switches/ GI Boxes/ PVC boxes/ Sockets T.V./ Telephone /LAN socket Outlet etc for Normal application	Legrand -Myrius / Schnieder /Siemens
9	Industrial socket with plug top	Legrand / L&T / Schnieder
10	Double compression Cable Gland	Peeco/ Commet/ Gripwell / Dowells
11	Lugs and Thimbles	Dowells/ Multi/ Capital
12	LED Light Fittings	Philips / Osram/ Lighting Technology
13	BLDC Ceiling fan	Havells/ Atomberg/ Orient/ Crompton Greaves
14	OFC Cable	Finolex / Sterlite Tech / Commscope
15	Exhaust fan	Crompton /Havells / Orient
16	Pump	KSB/WILLO / GRUNDFOS
17	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.

<b>Tick (✓) and Fill the Appropriate Category</b>	
<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 " <b>Class-I Local Supplier</b> " 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 " <b>Class-II Local Supplier</b> " 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 " <b>Non-Local Supplier</b> " 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.]