

NIQ No: 18/IISER/Tirupati/NIQ/2025-26

Date: 13.01.2026

NOTICE INVITING QUOTATION

Item rate sealed quotation are invited by the undersigned on behalf of Director IISER Tirupati for the following work.

Sl. No	Name of Work	Time period of contract	Start Date of Bid	End Date & time of Bid	Opening Date & time of Bid
1	Supply, Installation and commissioning of Electrical panel for HPC Smart Cooling system and Cassette-type Air conditioners for Research Labs at IISER Tirupati campus.	28 Days	13.01.2026	19.01.2026 at 03:00 p.m.	19.01.2026 at 03:30 p.m.

Quotation can be obtained from IISER Tirupati website <http://www.iisertirupati.ac.in/tenders/>

TERMS AND CONDITIONS

- 1) No advance payment shall be made by IISER Tirupati.
- 2) Applicants quoting for this work should be a registered “**Electrical Contractor**” in CPWD/ AP state PWD/ MES/ Railways/ Autonomous bodies, or an agency with valid GST registration and should have executed similar works in any government organization. The proof of the similar work experience should be submitted along with the quotation, without the proof of similar work experience the bids will be summarily rejected.
- 3) **Agency must visit the site before quoting the NIQ to understand the Scope of Work.**
- 4) Time period for completion of work shall be **28 (Twenty-Eight) Days** from the date of placing the confirmed order by IISER Tirupati. The act of backing-out after quotation will debar such agencies for participating in future quotations of IISER Tirupati. Bidder may e-mail queries on engineering@iisertirupati.ac.in or submit to the IISER Tirupati office in hard copy on all working days before a day of the submission date of quotation.
- 5) All agencies need to submit their quotation in hard copy in a sealed envelope to this office by suitable means on and before 3 PM on 19/01/2026. The quotation received after the date & time specified above shall not be accepted. Any delays, postal delays, etc. will not be entertained. Agency should quote for all the items in the BOQ. The bid shall be submitted in the original bid document (as issued)



Signature of Agency

by the IISER Tirupati) super scribing the name of work. Quotations will be opened on the same day i.e., 13/01/2025 at 3.30 PM in the presence of bidder or their authorized representatives if any. The offer of the firm should be commercially clear including acceptance of all terms and conditions without assigning any reasons/conditions.

- 6) Quoted rates should be inclusive of the cost of all the materials, labour cost, octroi, duties, cost of sample, and fees towards testing of materials in labs, royalties, GST, etc. Nothing extra shall be paid.
- 7) The successful agency shall make its arrangement for all Tools & tackles for work etc. complete in view of completion of work. Electricity shall be provided free of cost to agency at one source, agency should make own arrangement to safely tap of power from source to work location.
- 8) TDS and other applicable taxes and cess will be deducted from the bills as of the work.
- 9) **Security deposit @ 2.5 %** shall be recovered at source and refunded after satisfactory completion of DLP of (12) Twelve months.
- 10) Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specifications & as per instruction of IISER Tirupati wherever CPWD/IS specification is not available.
- 11) The contractor shall ensure that minimum wages should be paid to the labour's and employees in accordance with labour laws.
- 12) The Contractor should submit computerized measurement book for verification and billing after competition of the work.

V. Ramesh Kumar 13/01/25
Executive Engineer (E), IISER Tirupati
On behalf of Director IISER, Tirupati



SCHEDULE OF QUANTITIES

Name of the Work: Supply, Installation and commissioning of Electrical panel for HPC Smart Cooling system and Cassette-type Air conditioners for Research Labs at IISER Tirupati campus.

Sr No	Item Description	Unit	Qty	Rate	Amount
I	Electrical Works				
1	<p>Supplying, installation, testing and commissioning of floor mounted indoor type cubicle panel made out of 2 mm thick CRCA sheet for frame work and covers, compartmentalised, dust and vermin proof, hinged doors with knobs 3 mm thick gland plate i/c cleaning and finishing with 7 tank process for powder coating in approved shade, 250 amps capacity TPN aluminium bus bars of high conductivity and all connection to individual circuits from the bus bar shall preferably be solid connections, DMC/ SMC bus bar supports and necessary cable supports for clamping the cable in the cable alley, PVC sleeves or insulated in approved manner for all connections and bus bar, bottom base channel of ISMC 100 x 50 mm (9.2 Kg/m), G.I earth bar of size 25 mm x 5 mm at the rear for the entire width of the panel with 2 Nos. earth studs, connections from bus bar to switchgear and control wiring with required size FRLS PVC insulated copper conductor cable of suitable size, cable alley, separate gland plate for each cable entry gland plates including providing and fixing the following switchgear, as per attached specifications and confirming to the CPWD general specifications Part-I (Internal), Part-II (External) & Part-IV (Substation) as amended up to date complete, as required.</p> <p>INCOMING</p> <p>2 no 250 A, 25 KA breaking capacity (Ics) 4 pole MCCB with thermal magnetic release with rotary handle and spreader terminals complete as required - 1 No. (Incomer termination shall be invariably through terminal blocks)</p> <p>Load manager to record V, A, F, PF, KW, KVA, KVAR, KWH, KVAH, KVA Rh, 3 phase 4 wire, 5 A Class 1 FM with RS 485 - 1 Nos.</p> <p>3 Nos. LED Phase Indication Lamp</p> <p>2 Nos. LED Indication Lamp (Red for ON and Green OFF)</p> <p>BUSBAR</p>				



Sr No	Item Description	Unit	Qty	Rate	Amount
	4 Strip aluminium bus bars of 300 Amps capacity with heat shrinkable coloured sleeves and i/c DMC/SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc.				
	OUTGOING UNITS				
	8 Nos. 63 amp 10 kA TPN MCB with thermal over load and magnetic short circuit release and each complete with followings				
	2 Nos. 63 amp 10 kA TPN MCB provision for future				
1.1	The Panel complete with all interconnections, risers, internal wiring, labels etc. as required as per above	Each	1.00		
2	Supply of XLPE power cable of 1.1 kV grade copper conductor unarmoured flexible cable of the following sizes complete as required				
2.1	5 core x 16 sq mm copper flexible cable	Metre	80.00		
3	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.				
3.1	Upto 35 sq. mm (clamped with 1mm thick saddle)	Metre	80.00		
4	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.				
4.1	5 core 16 sq mm	Each	16.00		
5	Supplying and installation following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers MS/GI Suspenders i/c base of suitable size MS/GI angle, bolts & nuts, painting suspenders, fastener etc. as required.				
5.1	450 mm width X 50 mm depth X 2.0 mm thickness	Metre	15.00		
6	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
6.1	3 X 4 sq. mm wire	Metre	40.00		
7	Supplying and fixing following size/ modules, GI/PVC box along with modular base & cover plate for modular switches in recess etc. as required				
7.1	3 Module (100mmX75mm)	Each	4.00		

Sr No	Item Description	Unit	Qty	Rate	Amount
8	Supplying and fixing of Legrand DLP White Mini Trunking W32 mm x D20mm PVC with required accessories as required.	Metre	40.00		
9	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
9.1	5/6 A switch	Each	5.00		
9.2	3 pin 5/6 A socket outlet	Each	5.00		
II	CASSETTE TYPE SPLIT UNITS				
10	Supplying, Installation, Testing and Commissioning of Air Cooled Cassette type Air conditioners complete with Indoor unit(IDU), Outdoor unit (ODU), R-32/R410A/R-407 Green Refrigerant, wireless Remote, inbuilt drain pump, suitable for 400/230V, 50 Hz ,1 /3 phase AC supply, the system shall be capable of performing cooling, dehumidification, Air circulation, filtration & ventilation of following capacity with Scroll/rotary compressor with min 2 year Original Equipment Manufacturer (OEM) warranty both compressor and Printed Circuit Board (PCB) as specified. The system shall be able to deliver 100% of the rated capacity as per relevant IS Code. The lab testing reports as per IS: 1391 shall be submitted from National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited as per International Electro Technical Commission (IEC) 17025 standards/Central Power Research Institute (CPRI)/ Electrical Research and Development Association (ERDA)with Original Equipment Manufacturer (OEM) etc. complete as per CPWD specification and as per IS: 1391 as required. Make: LG/Daikin/Mitsubishi or Equivalent				
10.1	3.0 TR with 5 Star BEE Rating -Inverter Type- Cooling only	Each	2.00		
11	Supply and installation of floor/wall mounted outdoor suitable M.S. stand for 3 Ton Cassette air condition unit as required.	Each	2.00		
12	Supplying & fixing of suitable size of approved brand copper refrigerant piping suitable for cassette air condition units with minimum 9mm thick insulation along with white tape wrapping complete from indoor unit to outdoor unit with necessary supports as required for work.	Meter	60.00		

V. K. S. S. S.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institution of Ministry of Education, Govt. of India)

Permanent Campus: Srinivasapuram-Jangalapalli Village, Panguru (G.P) Yerpedu Mandal,
Tirupati, Andhra Pradesh – 517 619.

Sr No	Item Description	Unit	Qty	Rate	Amount
13	Supplying & fixing of suitable size of 32mm size PVC drain piping for cassette air condition units with minimum 9mm thick insulation including cutting the wall, finishing etc. with necessary supports as required for work.	Meter	40.00		
14	Supplying and laying of 3 x 4 sq mm PVC insulated copper conductor flexible cable for Indoor to outdoor connection with necessary supports as required for work. Make: Polycab/finolex or equivalent	Meter	60.00		

Total Amount in Words:

Note: - Amount quoted above shall be inclusive of GST, transportation, statutory, labour fees etc. nothing extra shall be payable.

Executive Engineer (E), IISER Tirupati
On behalf of Director IISER, Tirupati
(To be filled by the Agency)



Signature of the bidder :
Name of the Agency :
Mobile Number & E-mail ID :
Correspondence Address :

Signature of Agency

List of Approved makes:

S.no	Item/ Material	Approved Makes
1	Copper UnArmoured / Armoured Cable	Finolex/Polycab/Havells or Equivalent
2	Modular Back box and front plates, Switch & Sockets	Salzer/Legrand/Crabtree or Equivalent
3	Cassette Split AC Units	Daikin, LG, Mitsubishi or Equivalent
4	MCB and Distribution Boards	Legrand, Schneider, Siemens or Equivalent,
5	FRLS-H Wires	Polycab/Finolex/Havells or Equivalent
6	Copper Pipes	Totaline or Equivalent

Note: Material to be used for the above work should be reputed make. Agency should take approval from the Engineering In charge before procuring the material.



