

NIQ No: 11/IISER/Tirupati/NIQ/2026-27

Date: 16.07.2026

**NOTICE INVITING QUOTATION**

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

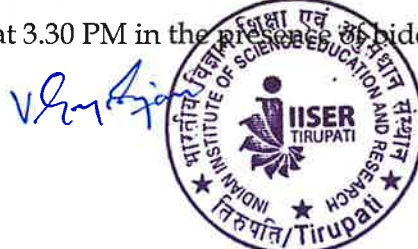
| S. No | Name of Work                                                                                                                                  | Time period of contract | Start Date of Bid | End Date & time of Bid   | Opening Date & time of Bid |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------|--------------------------|----------------------------|
| 1     | Supply, Installation and Commissioning of Cassette & Split Air Conditioning Units and associated false ceiling works at IISER Tirupati Campus | 28 Days                 | 16.07.2026        | 22.07.2026 at 03:00 p.m. | 22.07.2026 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](mailto:engineering@iisertirupati.ac.in) or submit to the IISER Tirupati office in hard copy on all working days and before one day of the submission date of quotation, i.e., 21/07/2026.
- 5) All agencies need to submit their quotation in hard copy in a sealed envelope to this office by suitable means on or before 3 PM on 22/07/2026. 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 by the IISER Tirupati) super scribing the name of work. Quotations will be opened on the same day i.e., 22/07/2026 at 3.30 PM in the presence of bidder or their authorized

Signature of Agency



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 completion of the work.

*V. Srinivasan* 16/12/26

Executive Engineer (E), IISER Tirupati  
On behalf of Director IISER, Tirupati



**SCHEDULE OF QUANTITIES**

**Name of the Work:** Supply, Installation and Commissioning of Cassette & Split Air Conditioning Units and associated false ceiling works at IISER Tirupati Campus.

| S. No    | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Unit | Qty  | Rate (Rs.) | Amount (Rs.) |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|--------------|
| <b>I</b> | <b>CASSETTE TYPE SPLIT UNITS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |      |            |              |
| 1        | 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 <b>min 2 year Original Equipment Manufacturer (OEM) warranty on compressor and 1year warranty on Printed Circuit Board (PCB) as specified.</b> 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. |      |      |            |              |
| 1.1      | 3.0 TR with 5-star BEE Rating-Inverter Type-Cooling only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Each | 1.00 |            |              |
| 1.2      | 2.0 TR with 4 Star BEE Rating -Inverter Type- Cooling only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Each | 1.00 |            |              |
| 1.3      | 1.5 TR with 4 Star BEE Rating -Inverter Type- Cooling only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Each | 1.00 |            |              |
| 2        | Supply and installation of wall mounted outdoor suitable M.S. stand for 3Ton Cassette air condition unit as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Each | 1.00 |            |              |
| 3.       | Supply and installation of wall mounted outdoor suitable M.S. stand for 2 Ton Cassette air condition unit as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Each | 1.00 |            |              |
| 4.       | Supply and installation of wall mounted outdoor suitable M.S. stand for 1.5Ton Cassette air condition unit as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Each | 1.00 |            |              |

| S. No | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Unit  | Qty   | Rate (Rs.) | Amount (Rs.) |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------|--------------|
| 5.    | Supplying & fixing of suitable size of approved brand copper refrigerant piping suitable 3Ton for cassette air condition units with minimum 9mm insulation along with white tape wrapping complete from indoor to outdoor unit with necessary supports as required for work.                                                                                                                                                                                                                                                                                                                                                                    | Metre | 20.00 |            |              |
| 6.    | Supplying & fixing of suitable size of approved brand copper refrigerant piping suitable for 2Ton capacity 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.                                                                                                                                                                                                                                                                                                                                                | Metre | 20.00 |            |              |
| 7.    | Supplying & fixing of suitable size of approved brand copper refrigerant piping suitable for 1.5Ton capacity 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.                                                                                                                                                                                                                                                                                                                                              | Metre | 08.00 |            |              |
| 8.    | Supplying & fixing of suitable 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.                                                                                                                                                                                                                                                                                                                                                                                                                                | Metre | 20.00 |            |              |
| 9.    | Supplying and laying of 4core x 2.5 sqmm communication copper conductor flexible cable for Indoor to outdoor connection with necessary supports as required for work. <b>Make:</b> Polycab/Finolex or equivalent.                                                                                                                                                                                                                                                                                                                                                                                                                               | Metre | 40.00 |            |              |
| 10    | Supplying and laying of 3core x 4 sqmm copper conductor flexible for outdoor power supply connection from the nearest power source with necessary supports as required for work. <b>Make:</b> Polycab/Finolex or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                     | Metre | 40.00 |            |              |
| II    | <b>Electrical Panel</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |       |            |              |
| 11    | 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 |       |       |            |              |

| S. No | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit | Qty  | Rate (Rs.) | Amount (Rs.) |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|--------------|
|       | manner for all connections and bus bar, bottom base channel of ISMC 100 x 50 mm ( 9.2 Kg/m), cable entry should be bottom side and height of panel from floor level should be minimum 300mm and 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. |      |      |            |              |
|       | <b>INCOMING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |            |              |
|       | 1 no 250 A, 32 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |      |            |              |
|       | Load manager to record V, A, F, PF, KW, KVA, KVAR, KWH, KVAH, KVARh, 3 phase 4 wire, 5 A Class 1 FM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |      |            |              |
|       | 3 Nos. LED Phase Indication Lamp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |      |            |              |
|       | <b>BUSBAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |            |              |
|       | 4 Strip aluminium bus bars of 250 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |      |            |              |
|       | <b>OUTGOING UNITS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |      |            |              |
|       | 2 Nos. 125 Amps 25 kA Four Pole MCCB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |            |              |
|       | 3 Nos. of 100 amp 10 kA TPN MCB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |            |              |
|       | 3 Nos. of 63 amp 10 kA TPN MCB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |      |            |              |
|       | 3 Nos. of 40 amp 10 kA TPN MCB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |      |            |              |
| 11.1  | The Panel complete with all interconnections, risers, internal wiring, labels etc. as required as per above                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Each | 1.00 |            |              |
| III   | <b>FALSE CEILING WORKS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |            |              |
| 12    | Providing and fixing false ceiling at all heights with integral densified calcium silicate reinforced with fibre and natural filler false ceiling tiles of Size 595x595 mm of approved texture, design and patterns as per CPWD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |            |              |

| S. No            | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Unit | Qty | Rate (Rs.) | Amount (Rs.) |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|------------|--------------|
|                  | Specification 2019, to be laid in true horizontal level suspended on inter locking metal T-Grid of hot dipped galvanised iron section of 0.33 mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 24x38 mm of length 3000 mm, cross - T of size 24x32 mm of length 1200 mm and secondary intermediate Cross-T of size 24x32 mm of length 600 mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanised mild steel items (galvanizing @ 80 grams per sqm) i.e. 12x50 mm long dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 76x25x25x1.6 mm fixed with grid and Z cleat of size 25x37x25x1.6 mm thick with precut hole on both 25 mm flange to pierce into 12x50 mm or even bigger size dash fastener if require, fixed with Galvanised iron perimeter wall angle or size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450 mm centre to centre and 40 mm long dry wall S.S screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge. |      |     |            |              |
| 12.1             | With 15 mm thick Regular edged light weight calcium silicate false ceiling tiles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sqm  | 22  |            |              |
| <b>Total Rs.</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |            |              |

**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    | Split AC Units                     | Daikin/LG/Mitsubishi                                                        |
| 3    | Cassette Split AC Units            | Daikin/LG/Mitsubishi                                                        |
| 4    | FRLS-H Wires                       | Polycab/Finolex/Havells or Equivalent                                       |
| 5    | Refrigerant pipes                  | Totaline/Godrej / Mandev / Nippon / Rajco                                   |
| 6    | UPVC Drain Pipes                   | Sudhakar / Aashirwad / Astral / Supreme                                     |
| 7    | Electrical Panels                  | CPRI Approved (Before ordering agency should submit the relevant documents) |
| 8    | MCBs/MCCBs/MCB DBs/ MCCB DBs       | Legrand/L&T/Siemens /Hager/ Schneider Electric/ Havells Crabtree            |
| 9    | False ceiling                      | Aerolite, Armstrong, Saint Gobain                                           |
| 10   | All other items not covered above  | As per the approval of Engineer-in-charge                                   |

**Note:-**

- Agency quoting for make & models other than above will be rejected.
- The Institute, reserves the right to add or delete any materials and Brands in the list of approved materials/brands subject to the recovery of financial implications.
- Any other makes as approved by the competent authority shall be deemed included in the above list.

