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) Transit Campus: C/o. Sree Rama Engineering College, Karakambadi Road, Mangalam (P.O.), Tirupati, Andhra Pradesh – 517 507.

NIQ No: 04/IISER/Tirupati/NIQ/2022-23

Date: 19.04.2022

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 Allowed	Start Date of Bid	End Date & time of Bid	Opening Date & time of Bid
1	Supply, Installation, Testing and commissioning of Split AC units in warden rooms, guest rooms and day- care centre at IISER Tirupati campuses, Tirupati.	10 Days	19.04.2022	25.04.2022 at 03:00 p.m.	25.04.2022 at 03:30 p.m.

Quotation can be obtain from IISER Tirupati website

http://www.iisertirupati.ac.in/tenders/

TERMS AND CONDITIONS

- 1) No advance payment shall be made by IISER Tirupati.
- 2) Agency should have valid GST registration with similar work experience of SITC of Split AC units in any Govt. organization, institutes, Autonomous bodies or any reputed organizations. The proof of a similar work experience, GST registration Certificate should be submitted along with the quotation.
- 3) Installation of split AC units to be carried out in two different campuses i.e. 6 nos in IISERT Permanent Campus Yerpedu Mandal, Tirupati and 2 nos in IISERT Transit Campus Karakambadi road, Tirupati. Agency must visit the sites before quoting the NIQ for better understanding.
- 4) Time period for completion of work shall be 10 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 <u>engineering@iisertirupati.ac.in</u> 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 25/04/2022. 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)





superscribing the name of work. Quotations will be opened on the same day i.e., 25/04/2022 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.

- 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) All approved makes shall be as specified in BOQ and as per CPWD specifications, the agency should attach technical data sheet of the model quoted along with the quotation. The agency should obtain prior approval on makes of various materials from IISER Tirupati before taking-up work.
- 8) 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.
- 9) TDS and other applicable taxes and cess will be deducted from the bills as of the work.
- 10) Security deposit @ 2.5 % shall be recovered at source and refunded after satisfactory completion of DLP of (06) six months.
- 11)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 are not available.
- 12) The contractor shall ensure that minimum wages should be paid to the labour's and employees in accordance with labour laws.
- 13) Agency to submit computerized measurement and abstract sheets to IISER Tirupati for payments.
- 14) Amount quoted for items should be as specified in the BOQ.
- 15) Following the latest developments and restrictions imposed in the country and state in view of the COVID-19, successful agency should ensure all safety precautions, social distancing norms during the execution of work.

CHICE EDIT

When fine a ful 2022 Executive Engineer (E), IISER Tirupati On behalf of Director IISER, Tirupati



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SCHEDULE OF QUANTITIES

Name of Work: Supply, Installation, Testing and commissioning of Split AC units in warden rooms, guest rooms and day-care centre at IISER Tirupati campuses, Tirupati.

S.No	Item Description	Unit	Qty	Rate	Amount
1.0	Supplying, Installing, testing and commissioning of 1.5 TR SPLIT AC UNIT 5 Star, BEE rating (nominal capacity) Air-cooled split type AC unit along complete with indoor unit (IDU), Outdoor unit (ODU), surface / concealed coper Refrigerant piping with insulation (EP Foam pipe section) up to 3 Mtr. (IDU to ODU) copper power cable up to 4 Mtr. (at least 3CX 2.5 Sqmm, PVC Insulation, FRLS copper wire) (IDU to ODU), R-32/R- 410 Refrigerant, PVC drain pipe (dia 15mm) Remote, suitable for, controls suitable to operate on 230 Volts 50 Hz AC supply etc. complete as required. Quoted price shall include cost of wireless remote controller, cooling thermostat, refrigerant filling with ODU stand. Unit shall be provided with auto timer setting. Minimum filtration to be PM 2.5, Condenser coils should be of copper tubes and hydrophilic type protective aluminium fins. As per technical specifications with all the necessary mounting accessories as required for complete installation. The noise level of HI- Wall indoor unit shall not be more than 40 dBA at 1 m distance. Approved Make: Daikin, O-General and Mitsubishi.	Each	08		
2.0	Extra Copper Pipe for 1.5 TR spilt AC units: Supply, installation, testing and commissioning of liquid / gas copper refrigerant piping along with necessary fittings to inter connect the condensing unit and the evaporating unit insulated using 13mm thick nitrile rubber insulation covered with	Metre	10	in the second	2



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mechanical protection and necessary supports. (Size of copper piping should be as per OEM	
Recommendation)	Total

Total Amount in Words:

Note: -

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

19/4/2020 Vhm 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	:

TECHNICAL SPECIFICATIONS

1. Following are the Rating of AC's to be supplied, Installed & Commissioned 1.5Ton, 5 star BEE rated split AC's.

2. Supplied AC's shall have Copper Evaporator & Condenser coils.

3. Evaporator & Condenser coils fins should have formal portative coating (blue coating)

4. Supply of Suitable powder coated MS /GI stands for outdoor unit fixing along with hardware like cadmium coated/GI/SS is in vendor scope.

5. Miscellaneous items required for installation of AC units including but not limited to copper pipes of required sizes for inlet & Out let lines, Redo flex insulation for inlet & out let line required additional extra length more than standard length to be provided wherever required (approx. 10% of total quantity supplied, Gauge, Cable ties, UV Proof plastic ribbon, 4CX 2.5 sq mm copper cable (FR/FLRS).

6. Installation of suitable length drain pipe is in vendor scope of supply.

7. One year warranty shall be given to the AC's supplied along with three free servicing.

8. 5 Years warranty for split AC compressors shall be given.

9. Air -conditioner should have ECO friendly Refrigerant gas R410A or R32.

10. The noise levels in conditioned occupied spaces due to all Air conditioning equipment will not exceed 40 DB.

Installation Part (Vendor's scope)

- 1. Installation & Commissioning of AC's in-door unit with standard vacuum machine
- 2. Hard-ware required for fixing of stands in-door and out-door unit.
- 3. All Minor civil works like hole fishing in the scope of agency.
- 4. Commissioning report duly signed by Vendors representative & IISER Tirupati
- 5. Warranty period three free service & in case of any brake down necessary repair works /rectification to be done with-in 10 days period.
- 6. Necessary documentation for arranging gate pass.

Approved Makes:

Split AC Units: Daikin/O-General/ Mitsubishi