



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chitranjali Hills, Thiruvallam,

Thiruvananthapuram-27

Phone: 0471-2380910, 912 Fax: 0471- 2380681

No. C-DIT/10/VCD-ACUPS/24-25/T548

Date: 26.10.2024

**TENDER NOTICE FOR THE SUPPLY AND INSTALLATION OF
2TR 5STAR SPLIT AC AND 2KVA UPS AT CDIT GORKHI
OFFICE**

Sealed tenders are invited for the supply and installation of 2TR 5 star inverter split air conditioner and 2KVA UPS at **C-DIT Gorkhi Office Thiruvananthapuram**. The envelopes containing the tender should bear the superscription *“For the supply and installation of **2TR 5 star inverter split air conditioner and 2KVA UPS at CDIT Gorkhi Office**”* and should be addressed to The Registrar, Centre for Development of Imaging Technology (C-DIT), Chitranjali Hills, Thiruvallam, Thiruvananthapuram 695027. Intending tenderers may submit the tenders on their own papers by post/hand. Last date for receipt of tenders is **04.11.2024, 3.00 PM**. Late tenders will not be accepted. The tenders will be opened at **3.30 PM on 04.11.2024** in C-DIT office in the presence of the tenderers or their authorized representatives who may be present at that time. Details of the requirements and the conditions governing the supply can be downloaded from our website www.cdit.org

Thiruvananthapuram

26.10.2024

Sd/-

REGISTRAR



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chitranjali Hills, Thiruvallam,

Thiruvananthapuram-27

Phone: 0471-2380910, 912 Fax: 0471- 2380681

No. C-DIT/10/VCD-ACUPS/24-25/T548

Date: 26.10.2024

GENERAL TERMS AND CONDITIONS

1. This Tender is invited for the “supply and installation 2TR 5 star inverter split air conditioner and 2KVA UPS at CDIT Gorkhi Office, Bakery”
2. C-DIT reserves the right to cancel any or all tenders without assigning any reason whatsoever

Scope of work:

Supply, installation, testing and commissioning of 2TR 5-star inverter split air conditioner and 2KVA UPS at CDIT Gorkhi Office Thiruvananthapuram.

Requirement:

- 1) 2TR 5 Star split AC - 1 No

SPECIFICATION

| Sl No | PARAMETER | SPECIFICATION |
|--------------|------------------|-------------------------|
| 1 | Type: | 5 star inverter |
| 2 | Power source: | 230V/50Hz /single phase |
| 3 | Compressor type- | Rotary/scroll |
| 4 | Condenser - | fully Copper condenser |

| | | |
|--|---|---|
| 5 | Display: | LED/LCD WITH NIGHT GLOW |
| 6 | Refrigerant: | R32/ Eco friendly |
| 7 | Control: | Microprocessor controlled cordless remote |
| 8 | Moisture removal: | Above (2.5 Lr /Hr) |
| 9 | Indoor unit noise level: | less than 50db |
| 10 | Air circulation (CFM, H/M/L): | 750./650/500 |
| 11 | Cooling capacity: | 6200w |
| 12 | Other features: | Automated vertical swing for horizontal louvers |
| 13 | Compressor warranty | 5 years |
| 14 | PCB /system warranty | 1 year |
| Equipment supplied along with the following | | |
| | 3m copper pipe with super loan insulation for suction and discharge line each | |
| | Required PVC drain Pipe | |

2) ON-LINE double conversion UPS (2KVA)- 1No

SPECIFICATION

| Sl no | Parameters | Specification |
|-------|---------------------|---|
| 1. | Capacity | 2KVA true online |
| 2. | Battery Backup | 30minutes |
| 3. | Input | |
| | Voltage range | In between 180 to 280v AC, single phase |
| 4. | Output | |
| | Voltage | Single phase 230 VAC±2% |
| | Frequency | 50Hz |
| | Over all Efficiency | Grater than 85% |
| | Wave form | Sine wave |
| | Harmonic distortion | Less then 5% for full load |
| 5. | Indications | Mains on Load on Battery Inverter on /trip Battery level Load level Inverter over load |

| | | |
|-----------|--------------------------|---|
| 6. | L.C.D. meter | To measure and monitor input voltage, output voltage, DC voltage, input / output frequency |
| 7. | Protection | Required for : Short Circuits Over Loading Input low/ high voltage control DC low/high voltage trip |
| 8. | Battery type | Tubular |
| 9. | Warranty(battery) | 3 years |
| 10 | Battery VAH | Minimum 1600 VAH |
| 11 | Bypass | Static |
| 12 | UPS warranty | 1 year |

ELIGIBILITY CRITERIA OF TENDERER

1. The bidder must have a currently valid GST registration certificate and PAN number.
2. To qualify for award of the work, the intending bidder must be regular supplier/prime contractor of the quoted items with prior experience in supplying same or similar supply orders at least to two clients in the last two years.
3. The bidders will be responsible for effecting supply to the entire satisfaction of the undersigned or his authorized representatives. In case any defect in the item supplied is noticed, such item will be rejected at the risk and cost of the Supplier.
4. The undersigned does not bind himself to accept the lowest tender and reserve himself the rights of accepting the whole or any part of the tender and the tenderer shall be bound to supply the accepted item at the rates quoted.
5. No advance payment will be made against supplies. The rate quoted by the Tenderer shall be inclusive of all applicable taxes (to be shown separately), transportation charges, testing charges, installation charges and unloading charges at site.

6. **Rates quoted by the tenderer shall be valid for a period of six months from the date of opening of the tender.**
7. The supply period shall be specifically indicated in the tender and strictly adhered to. The supply, testing , installation, commissioning shall be arranged within 10 days on receipt of the firm order. Any delay in the work completion period after the work order is placed may result in cancellation of the work order.
The supplier shall submit the price offers in “Form B” in sealed envelope.
8. The rate quoted for material shall be final and no enhancement will be allowed under any circumstances.
9. The Supplier/ Contractor shall provide a comprehensive warranty **(UPS- 1 year, UPS battery-3 years and AC (Compressor Warranty-5Years, PCB/System Warranty -1Year)** for the products and a guarantee for work/installation executed from the date of supply.
10. If the tenderer furnishes wrong and/or misleading data, statement(s) etc. about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected in addition to other remedies available to the purchaser in this regard.
11. All items offered shall conform in all respects to the relevant Indian standard Specification with up-to-date amendments wherever applicable.
12. The contractor shall make arrangements for storage of material, tools and equipment etc at site and CDIT shall not bear any expenses and risks also on this account.
13. The contractor shall remove all the defective materials from the site that is found defective by CDIT during or after execution of work and such materials should not be reused in the work.
14. In case of extremely unsatisfactory execution, in competence, bad workmanship, use of materials officially rejected by the CDIT or similar circumstances, CDIT will reserve the right to terminate

the contract and engage separate agencies for completing the work on contractors risk and cost by serving 3 days notice to the contractor. The contractor will observe all necessary precautions at this cost to safeguard the workers during execution of work.

15. The contractor has to follow the instructions of C-DIT Electrical & Maintenance Dept from time to time during execution of work.
16. Any damage caused by the workman of the contractor to walls, ceiling, floors or existing furniture and fixtures etc, should be made good at their cost.
17. The rates of the contractor will be deducted per item or % wise from the final bill by CDIT if the work is not as per specification.
18. Any dispute / differences between the parties arising out of and in connection with the contract shall be settled amicably by mutual negotiations. Unresolved disputes/ differences, if any, shall be settled by Arbitration and the arbitration proceedings shall be conducted at Thiruvananthapuram (India) in English language, under the Indian Arbitration and Conciliation Act, 2005. Unsettled disputes will be referred to courts and courts in Thiruvananthapuram/ Kerala will have exclusive jurisdiction over the same.

EMD:Rs. 5,000 (Rupees five thousand only) in the form of Demand draft drawn in favour of Registrar, C-DIT payable at Thiruvananthapuram.

19. PAYMENT TERMS

100 % payment released on after successful Supply and installation of the equipment and subsequent verification by C-DIT authorities. Agreement: The Successful bidder within 7 days of getting confirmed purchase order has to enter an agreement with C-DIT in Rs.200 worth non judicial stamp paper, to ensure warranty and after sales support during the warranty period.

20. Authority: The authority for the acceptance of the tenders rests exclusively with the C-DIT. The C-DIT does not undertake to any reason whatsoever for the rejection of any tender.

The last date for submission of tender is 04.11.2024, 3.00 PM
The tender will be opened on the same day at 3.30 PM

21. At any time prior to the deadline for submission of tenders, the C-DIT may, for any reason deemed fit by it, modify/amend the tender documents by issuing suitable amendment(s)/ corrigendum's to it. Corrigendum to this tender shall be published in the site www.cdit.org. Prospective bidders are advised to regularly visit the website: www.cdit.org to keep track of corrigendum, if any.

22. In case of doubt:

If the bidder have any doubt on technical specifications or on terms & conditions stipulated above, please contact Sri. Mukesh A.P, M o b i l e N u m b e r : 9 8 9 5 7 8 8 3 3 4

Sd/
REGISTRAR, C-DIT
Dated 26.10.2024



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)
Chithranjali Hills, Thiruvallam P.O., Thiruvananthapuram – 695 027

No. C-DIT/10/VCD-ACUPS/24-25/T548

Date: 26.10.2024

FORM - B

| Sl. No | Particulars / Specifications | Qty | Unit price with GST | Total Amount |
|---------------|--|------------|----------------------------|---------------------|
| 1 | Supply and Installation of 2TR 5 Star split AC | 1 No | | |
| 2 | Supply and Installation of ON-LINE double conversion UPS (2KVA) | 1 No | | |
| | TOTAL | | | |

Date

Stamp

Name & Signature of Bidder