

**LIMITED TENDER DOCUMENT/ENQUIRY**

**FOR**

**SUPPLY,INSTALLATION,TESTING AND COMMISSIONING OF  
AIR COOLED DUCTABLE TYPE VRF AIR-CONDITIONING  
SYSTEM FOR DORMITORY BUILDING**

**Tender No: IIITA/AC-TENDER/FIP/44/592/2018 DATED 16.03.2018**



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY**

**ALLAHABAD (U.P.)-211015**

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16/3/2019



# भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद Indian Institute of Information Technology, Allahabad

An Institute of National Importance by Act of Parliament  
Deoghat, Jhalwa, Allahabad-211015 (U.P.) INDIA

Ph.: 0532-2922025, 2922067, Fax : 0532-2430006, Web : www.iiita.ac.in, E-mail : contact@iiita.ac.in

Ref. No. IIIT-A/FIP/AC-Tender/ 44/592/2018

Date: 16.03.2018

## Tender Notice

Sealed tenders are invited under Two Bid Systems for the **Supply, Installation, Testing & Commissioning of Ductable type units of Inverter based Variable Refrigerant Flow Modular Type Air Conditioner system for Dormitory Building at IIIT-A Campus at Allahabad**. The detailed specifications and terms & conditions are given in Annexure I, II, III, IV, V. Tender document may be downloaded from the Institute website [www.iiita.ac.in](http://www.iiita.ac.in)

It is with reference to the EOI floated vide ref.no.IIIT-A/JR(S&P)/EOI/342/2017 dated 25.11.2017 for the Air-conditioning solution for the Dormitory Building, as per the term of EOI the tender document should be limited to the following successful EOI participants:

- M/s HKS Sales Corporation, B-Block Chauraha, Indira Nagar, Lucknow  
Ph.No.8586937030, email:hksaleshitachi@gmail.com
- M/s Urban Services & Sales, LG-2, VV Tower, Taskant Marg, Civil Lines, Allahabad  
Ph.No.7309035630, email:urbnss@gmail.com
- M/ Shambhavi Enterprises, Padleganj, Gorakhpur  
Ph.No.9415330731 , email:nishikant\_c@hotmail.com
- M/s Ansari Refrigeration, 37, MIC Market, Atala, Allahabad  
Ph.No. 9415279559, email:ansarirefrigeration@gmail.com
- M/s LG Electronics, Indira Nagar, Vibhuti Khand, Gomti Nagar, Lucknow  
Ph.No: 9628319555, email:-manoj6.kumar@lge.com

You are requested to submit the quotation by courier/speed post with complete details of specifications, terms & conditions, warranty/ guarantee etc. Quotation should be in two separate sealed envelopes "**Technical and Commercial Bids**" and placed in a single envelope with name of the tender, ref. number and closing date subscribed on the top of the envelope addressed to the Faculty In-charge Purchase, IIIT-Allahabad upto **26.03.2018 at 12:00 Noon**. Quotations duly sealed may also be dropped in the tender box placed in the office of the Faculty In-charge Purchase, IIIT-Allahabad. Basic rate, taxes etc. must be quoted separately, F.O.R. destination at IIIT-A, Jhalwa, Allahabad.

The technical bid received in prescribed proforma will be opened in the presence of the tenderers, or authorized representatives interested to be present, on **26.03.2018 at 4:00 P.M.** The Financial bids of only technically qualified tenderers will be opened after evaluation by the Technical Committee. Basic rate, taxes and freight charges etc. must be quoted separately.

**Faculty In-charge, Purchase**

**Copy to:**

- **Hon'ble Director for kind information.**

**SECTION A: NOTICE INVITING TENDER**

- 1.0 Sealed tenders are invited by Indian Institute of Information Technology, Allahabad for supply, installation, testing & commissioning work of AC system for Dormitory building.  
Tender forms and other related documents regarding the proposed work may be obtained from the Purchase Section at Indian Institute of Information Technology, Allahabad- 211015.
- 2.0 Earnest money: A non-interest bearing EMD of Rs. 60,000.00 (Rupees Sixty Thousand only) by crossed Demand draft payable at Allahabad and drawn in favour of Indian Institute of Information Technology, Allahabad.
- 3.0 Time of Completion: 8 weeks from the date of issue of the Order.
- 4.0 Tenders shall be submitted in a sealed cover (**Technical bid & Commercial bid separately**) and should be addressed to **Faculty-In-Charge (Purchase Section), IIT Allahabad- 211015** with the name of the Tenderer and the name of the work being noted on the cover.
  - 4.1.1 The tenders are to be submitted not later than 1200 hrs. on 26-03-2018, Technical bids will be opened on same day at 16:00 hrs. respectively. Technically qualified Vendors shall be informed for opening of commercial bid.
- 4.2 Tenders shall be signed by an authorized member/ representative of the firm/corporation who shall produce satisfactory evidence of his authorization along with the tender documents.
- 5.0 Tenderers are advised to visit site and acquaint themselves of prevailing site conditions before submitting the tender.
- 6.0 Tenders shall be submitted in a proper form and be valid for acceptance for a period of 90 days from the date of opening.
- 8.0 IIT- Allahabad reserves the right to accept or reject any or all tenders in full or in part without assigning any reasons.

**Qualifying criteria for issue of tender documents:**

1. The tenderer must be reputed manufacturers/ their authorized distributors/ dealer/ agency in similar works of standards.
2. Tenderers should have undertaken/ completed the following work in the last 5 years:
  - (a) One similar work of value not less than (80% of the value of work to be executed)  
OR
  - (b) Two similar works, each of value not less than (50% of the value of work to be executed)  
OR
  - (c) Three similar works, each of value of value not less than (40% of the value of work to be executed).
3. The annual turnover of the tenderer/ supplier in the last 2 years should not be less than Rs.50 Lakh crore for each year seperately.

The tender document can be downloaded from institute website: [www.iiita.ac.in/tender](http://www.iiita.ac.in/tender)

- Last date & Time of submission of tenders: 26.03.18 (12:00hrs)
- Date & Time for the opening of tenders : Technical Bid 26.03.18 (04:00 PM)
- Earnest Money Deposit: Rs. 60,000/-

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The Earnest Money Deposit should be submitted along with the tender in the form of a crossed demand draft drawn in favor of “Indian Institute of Information Technology, Allahabad”, payable at Allahabad. Interested suppliers are invited to visit the site on any working day with prior permission of Faculty In-charge (Purchase)/ AC maintenance Committee/ Engineer In-Charge and examine the site and its surroundings and understand the scope of work thoroughly before submitting their tenders.

**Faculty In-Charge  
Purchase Section, IIIT Allahabad**

**SECTION B: GENERAL INSTRUCTIONS:**

1. The Tenderer must submit **TECHNICAL** and **PRICE** bids **SEPARATELY** in 2 clearly superscripted, sealed covers. The detailed offers (in two parts as mentioned above) should be

sent to Faculty-In-Charge (Purchase Section) IIIT Allahabad- 211015 so as to reach the destination within the deadline.

2. Successful bidder has to enter into an agreement with Indian Institute of Information Technology, Allahabad as per draft enclosed at the end of this document, which may be included in the tender.
3. **Warranties:** The AC machines and associated accessories are to be guaranteed for trouble free operation, maintenance and service. The warranty should cover defects due to faulty manufacture, workmanship or material for 2 year from the date of commissioning. Any manufacturing defect found during this period shall be repaired/ replaced by the supplier free of charge as per terms and conditions embodied in the tender papers and agreement executed with IIIT Allahabad. The security deposit shall be returned to the tenderer at the end of the guarantee period of 2 year. During the guarantee period the supplier may state clearly the details of the periodic checks to be carried out by them on the whole plant for trouble free operation.
4. **Terms of Payment:**
  - a. 50% towards supply of materials at site on pro-rata basis.
  - b. 40% towards successful commissioning and handing over with all test reports and as-built drawings approved by IIIT- Allahabad.
  - c. Balance 10% will be released after the submission of PBG to the value of 10% of the contract valid beyond 2 months of warranty period.

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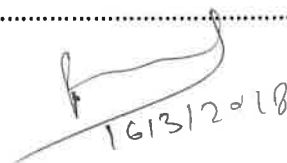
**Technical Bid****(On the letter head of the Firm & in a separately sealed envelope)****PROFORMA FOR APPLICATION**

1. Name of the Firm:.....
2. Address of the Firm:-.....  
.....
3. Phone Number (With Code):.....
4. Proprietor's Name:.....
5. Address of Proprietor:.....
6. Proprietor's Phone No:.....
7. Email Id:.....
8. Details of the firm:.....
  - (a) Date from which the firm is operating:.....
  - (b) Turnover of the firm during:- FY 2015-16.....  
FY 2016-17.....

**(Please attach documentary evidence)**

(C) PAN No.:- .....

(d) GSTN No.:-.....



**9. E.M.D.:** The tenders should be accompanied in a form of a **FDR or Bank Guarantee** in favour of **Indian Institute of Information Technology Allahabad** payable at **Allahabad** (Any bid without EMD will not be considered). EMD should be enclosed with the Technical Bid document in a separate envelop. The EMD will be returned to the unsuccessful bidders within 15 days and to the **successful bidders have to submit bank guarantee of 10% to total value, valid beyond 2 months of warranty period.**

**Amount of EMD as below:**

Sl.No.	Description	EMD Amount	DD No./ FDR Date
1.	Supply of 100% Inverter based variable refrigerant flow modular type air- conditioning system of R410A having proven single inverter driven Scroll Compressor Technology.	60,000.00	

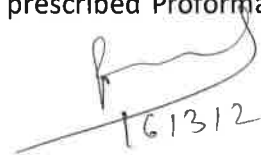
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**Technical Compliance**  
**(To be attached with technical bid)**

**Specifications of Ductable Type Packaged Type Split AC:**

<b>Sl. No.</b>	<b>Items/ Specifications</b>	<b>Compliance</b>	<b>Deviation</b>
1.	Supply of 100% Inverter based variable refrigerant flow modular type air- conditioning system of R410A having proven single inverter driven Scroll Compressor Technology.		
2.	Factory fabricated Spiral Round/Oval Ducts made out of G.S. Sheets and insulated from inside with 6mm nitrile rubber sheet for supply air complete job including suspension from RCC ceiling with MS hangers, MS angle steel rawl plugs, fasteners		

**Note-** Vendors are requested to submit technical compliance sheet as prescribed Proforma. Unfilled signed compliance sheet will not be accepted.

  
16/3/2018

**Signature of the tenderer**

**Seal of the firm**

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General Terms and Conditions of the Tender

1. Kindly mention tender number, subject, due date, contact address etc., on your quotation. Incomplete quotation will not be accepted.
2. **Bid:** The tenders are to be submitted in two part viz. "Technical Bid" and "Commercial Bid" in two separate sealed envelopes separately. The commercial bid will be opened only after acceptance of "Technical Bid".
3. Detailed specifications, catalogue/ literature of all the items quoted should be supplied with the technical bid.
4. **Security Deposit:** Security deposit in the form of Bank Guarantee/ Demand Draft Form Nationalized Bank to the value of 10% of the contract valid beyond 2 months of warranty period. EMD will be released after receiving of Bank Guarantee/ Demand Draft.
5. **Delivery Schedule:** The supply, Installation, testing & commissioning shall commence from the date of issue of confirm work order and completion period may be strictly 08-09 weeks.
6. **Payment terms:** 50% towards supply of materials at site on pro-rata basis. 40% towards successful commissioning and handing over with all test reports and as-built drawings approved by IIIT- Allahabad. Final Payment will be made within fifteen days after completion of work, satisfactory inspection & satisfactory report of the AC Committee/ Engineer In-charge. No conditions clause with regard to interest etc. shall be entertained.
7. **Penalty:** If the supply delayed beyond the stipulated time of completion of supply, penalty of 1% per weeks and maximum upto 10% of the total cost may be imposed at the discretion of the competent authority.
8. **Price Basis & applicable Tax claim:** Price should be quoted by interested tenderer is exclusive of all taxes to F.O.R IIITA, Allahabad basis. Vendor should clearly mention the Rate of applicable GST Tax separately, if firm will not mentioned the Taxes clearly on their Price Quotation, IIIT- Allahabad will assume that the quoted price is inclusive of all and no extra amount in later stage shall be paid by IIIT, Allahabad on account of taxes.
9. If it is found that items are of sub-standard quality and not conforming to the required specifications, the firm will have to replace the sub-standard items with genuine ones immediately.
10. Conditional quotations are liable to be rejected in the event of acceptance, Director decision will be final. The rates should be quoted as per our required specifications.
11. The quantity shown in this tender is only approximate requirement and is subject to alteration at the time of placing the supply order and during the pendency of the quotation it will be binding on the part of the successful Tenderers to honour and comply with such orders placed by this Institute.
12. All the documents submitted must be legible and self attested. Otherwise it is likely to be rejected.



13. In case the firm fails to complete the job within maximum specified period, Institute reserves the right to get the job done by any other firm and the difference of cost if any, will be recovered from the defaulting firm.
14. The EMD shall be returned to the bidder(s) whose offer is not accepted by the Institute within 15 days after finalization and award of the contract without any interest. Unsuccessful bidders may collect the EMD (within next 10 days after finalization & award of the contract) from purchase section, IIIT-A between 3 PM to 5 PM on any working day after providing a copy of any photo Identity Card. After these 10 days EMD will be sent by registered post to the postal address provided by the firm/bidder. Representative may also collect the EMD on behalf of the bidder, after providing and authorized letter from the bidder along with a copy of his photo identity card. If the return of EMD is delayed for any reasons, no interest/ penalty shall be payable to the bidder.
15. Tenderers responding to this enquiry shall be deemed to be agreeable to the terms and conditions herein contained. These terms and conditions shall be binding on the part of the successful tenderer.
16. Tender must be quoted in prescribe format on the company/firm letter head.
17. If any defect is found in transit it will be the sole responsibility of the supplier to get it corrected and installed as desired by the Institute.
18. Quoted rate should be valid at least for 03 months.
19. All pages of the tender documents are to be signed and stamped by the tendering firm.
20. Director, Indian Institute of Information Technology, Allahabad reserves the right to reject or accept any tender.
21. Director, Indian Institute of Information Technology, Allahabad will be the sole arbitrator of all the dispute and his decision will be binding on both the parties.
22. Director, Indian Institute of Information Technology, Allahabad reserves the right to alter/modify any or all condition of this tender notice.
23. Quotation should be addressed to Faculty In-charge, Purchase, Indian Institute of Information Technology, Allahabad-211015 (U.P.), India.
24. All disputes are subject to Jurisdiction of Allahabad.

**For any query pertaining to this bid correspondences may be addressed to**

**Faculty In-charge Purchase**  
**IIIT-Allahabad, Deoghat**  
**Jhalwa, Campus**  
**Phone-+91 0532-2922051**  
**E-mail: [info.purchase@iiita.ac.in](mailto:info.purchase@iiita.ac.in)**

**Faculty In-charge Purchase**

Certified that the information in the proforma is true. I/We agree to the contents of terms & conditions of the quotation/tender.

**Seal and Signature of the Proprietor/Authorized Representative**

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**Bill of Quantity**

S.N.	DESCRIPTION	QTY	UNIT	Unit Price	Amount Rs.
<b>A</b>	<b>HIGH SIDE</b>				
<b>1</b>	<b>VARIABLE REFRIGERANT FLOW SYSTEM</b>				
	Supply of 100% Inverter based variable refrigerant flow modular type air- conditioning system of R410A having proven single inverter driven Scroll compressor technology.				
i	Ductable Type Units: 11TR	Nos.	7		
ii	Ductable Type Units: 8.5 TR	Nos.	1		
<b>B</b>	<b>LOW SIDE</b>				
<b>1</b>	<b>INSTALLATION CHARGES OF UNITS</b>				
	Lifting, shifting, positioning of indoor units	Nos.	8		
<b>2</b>	<b>REFRIGERANT COPPER PIPING &amp; INSULATION</b>				
	Supply & Installation charges for interconnecting refrigerant pipe work suitable for refrigerant flow layed on GI				
i	22.2 mm O.D. (insulation : 10 mm)	Rmt.	160		
ii	12.7 mm O.D.(insulation : 10 mm)	Rmt.	160		
<b>3</b>	<b>Drain Piping</b>				
	Providing and fixing rigid PVC piping complete with wall chasing				
	50mm/32 mm/ 25 mm dia.	Rmt.	80		
<b>4</b>	<b>GI Ducting</b>				
	Factory fabricated Spiral Round/Oval Ducts made out of G.S. Sheets and insulated from inside with 6mm nitrile rubber sheet for supply air complete job including suspension from RCC ceiling with MS hangers, MS angle steel rawl plugs, fasteners				
i	24 gauge	Sq.mt.	450		
<b>5</b>	<b>Grilles/Dampers</b>				
i	Extruded Aluminum Powder coated Supply/Return air grills	Sq.mt.	10		
ii	Supply, installation, testing & commissioning of volume control dampers of 18G GI frame and opposed blades complete with handle as required	Sq.mt.	10		
<b>6</b>	<b>Canvass Connection</b>	Nos.	8		
<b>7</b>	<b>Transmission &amp; Controller Wiring</b>				
	Providing and fixing of transmission and controller wiring with 1.5 Sq.mm 2 Core copper cable layed with wall chasing in suitable conduits with elbows and tees wherever required	Rmt.	360		
<b>8</b>	<b>Air Curtains</b>				
	High Power type air curtain with Air Discharge Velocity 17.5 M/sec.	Nos.	4		
	<b>Total A</b>				
	<b>Total B</b>				
	<b>GST</b>				
	<b>Grand Total</b>				

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Approved Makes of Equipments & Materials

**S. No. Equipment / Material Approved Makes**

1. Air Conditioning – Daikin/ Hitachi/ Blue Star/ Voltas/Carrier/LG
2. Grilles/ Diffusers- Green ventilation / Pine aire / Precise / Systemaire / Titus
3. Copper Pipe - Rajco/ Mandev/Rokyo
6. Closed cell Nitrile rubber- Armacell / K flex / Supreme
7. Fibre glass –Supreme/ UP twiga / Owen corning
8. PVC Pipe - Prince / Supreme / Finolex/ AKG
9. Cables – Havells/ Finolex/ Anchor
10. PVC Conduits – AKG/ISI Mark

  
10/3/2012

**Note:** For any other item required for successful completion, but not included in the above list the Sub Contractor shall take prior written approval from the IIIT-ALLAHABAD