



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

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Ref. No. IIIT-A/ENQ/Purchase/450/590/2019

Date: 24.01.2019

Tender Notice

S.No.	Description	Date	Time
1.	Last date of bid submission	13/02/2019	12:00 Noon
2.	Opening of Technical Bid	13/02/2019	16:00 PM
3.	Opening of Financial Bid	20/02/2019	16:00 PM

1. Sealed tenders are invited under Two Bid Systems (**Technical and Financial**) for the **Supply, Installation, Testing & Commissioning of Inverter Technology based VRF Hot & Cold (10 HP ODU x 2 No.) Air Conditioner system heat pump type with AHU (5000 CFM, 2 CKT) for Director's Bungalow at IIIT-A Campus at Prayagraj.** The detailed specifications and terms & conditions are given in Annexure I, II, III, IV, V, VI. Tender document may be downloaded from the Institute website www.iiita.ac.in & CPP Portal.
2. Tenderers 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 Financial Bids**" and placed in a single envelope with name of the tender, ref. number and closing date superscripted on the top of the envelope addressed to the "**Faculty Incharge Purchase, Indian Institute of Information Technology, Deoghat, Jhalwa Prayagraj- 211015**" upto **13.02.2019 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. Please note that tender document will not be accepted after the expiry of stipulated date and time for the purpose.
3. Details of Bank account of Firm for returned of EMD and /or Performance Security.
Bank's Account Holder Name:.....
Type of Account Name:.....
Address of Branch:.....
Account No:.....
IFSC Code:.....
4. **E.M.D.** : EMD amount of Rs.26,000/- (Rs.Twenty six thousand only) should be directly transfer into the bank account (IIIT-A General AC) Indian Institute of Information Technology, Allahabad through RTGS/NEFT and the tender document should be accompanied with the transaction receipt of RTGS/NEFT (any bid without EMD fee receipt will not be considered). **Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organisation or the concerned Ministry or Department are exempted from EMD. Such bidder needs to submit relevant document along with technical bid of tender. EMD receipt should be enclosed with the Technical Bid document in a separate envelope.**

The detail of institute's Bank Account is as follow:

Account Name: IIITA General AC
Bank Name: Indian Overseas Bank
Address: 61, M.G. Marg, Civil Lines, Prayagraj
Account No.: 035001000060976
IFSC Code: IOBA0000350

Amount of EMD as below:

S.No.	Description	EMD Amount	Transaction receipt No. with date
1.	Supply, Installation, Testing & Commissioning of Inverter Technology based VRF (hot & cold) (10HP outdoor x 2 Nos.) Air-conditioning system heat pump type with AHU (5000 CFM x 2 CKT) for Director's Bungalow at IIIT-A Campus at Prayagraj, Make: as per annexure-V	Rs.26,000.00	

5. The **technical bids will be opened** in the presence of the tenderers, or authorized representatives interested to be present on **13.02.2019 at 4:00 PM**. **Financial Bid of the technically qualified firm will be opened on 20.02.2019 at 4:00 PM**. Information to the technically qualified firms will be sent through email/phone before the opening of financial bid. The financial bids of only those bidders, who have been declared technically qualified by the designated committee, shall be opened by concerned committee. Vendors are desired to submit their authorization letter along with a photocopy of their photo identity card at the time of participation in the opening of Technical/Financial bid. Only one representative will be allowed to attend the technical/Financial bid for a particular firm. Please carry the same original proof of identity for verification purpose at the time of opening the tender/enquiry. The date fixed for opening of bids, if subsequently declared as holiday by the Government, the revised date of schedule will be notified. However, in absence of such notification, the bids will be opened on next working date, the time remaining unaltered. For any queries regarding the tender, please send a mail to info.purchase@iiita.ac.in.

Assistant Registrar (Purchase)

Copy to:

- Faculty In Charge Purchase – for kind information



Technical Bid *

(On letter head of the Firm & in a separately sealed envelope)

PROFORMA FOR APPLICATION

1. Name of the firm :-
2. Address of the firm :-
3. Mobile Number :-.....
4. Proprietor's name: -
5. Address of Proprietor: -
6. Proprietor's Mobile No. :-
7. Email Id: (for official communication)
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 (₹)-----
FY 2017-18 (₹)-----
 - (c) PAN No. :-
 - (d) GSTNo. :-

(Please attach documentary evidence)

*** Mandatory to fill all the above details.**

**Signature of the Tenderer
Seal of the firm**

Kanja

Technical Compliance
(To be attached with technical bid)

Sl. No.	Items/ Specifications	Compliance (Yes/No)	Deviation
1.	SITC of Inverter technology based VRF air conditioning system of 10 HP outdoor x2 Nos. (Heat Pump type) units with eco friendly refrigerant R-410A. Enclose the technical details of the Machine. Make: Bluestar/Carrier/Daikin/Hitachi/LG/Voltas/Make in India		
2.	SITC of AHU of 5000 CFM (2 CKT) having 43 +/- mm thick panel with 24 G G.I. sheet on inner and outer both side, S.S.Drain Pan, Pre filter, 4 row deep cooling coil, TEFC Sq cage induction motor complete in all respect with return air chamber and weather canopy. Enclose the technical details of the machine. Make: Edge-Tech/Voltas/Zeco/Zair/Make in India		
3.	Outdoor Unit: 10 HP		
(i)	Manufacturer:		
(ii)	Model:		
(iii)	Overall dimensions (mm):		
(iv)	Weight:		
(v)	Compressor Quantity:		
(vi)	Refrigerant:		
(vii)	Test Pressure (max.) (Kg./Sq.cm):		
(viii)	System configuration (HP):		
(ix)	Warranty as per OEM:		
4.	Indoor Unit (AHU):5000 CFM (2 CKT)		
(i)	Manufacturer:		
(ii)	Model:		
(iii)	Overall dimensions (mm):		
(iv)	Weight:		
(v)	HP/CFM:		
(vi)	Warranty as per OEM:		

Note- Vendors are requested to submit completely filled-in technical compliance sheet in the above format. Unfilled and signed compliance sheet will not be accepted.

Signature of the Tenderer
Seal of the firm



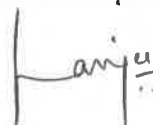
Qualifying criteria for issue of tender documents:

1. The tenderer must be original Equipment manufacturers/ their authorized distributors/ dealer/ agency in similar works of standards. The OEM/ Authorization certificate must be submitted along with the tender.
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 (i.e. 2016-17 & 2017-18) should not be less than Rs.35.00 lacs for each year separately.



GENERAL TERMS & CONDITION

1. The Tenderer must submit **TECHNICAL** and **Financial** bids **SEPARATELY** in 2 clearly superscripted, sealed covers. Kindly mention tender number, subject, due date, contact address etc., on your quotation. Incomplete quotation will not be accepted. The detailed offers (in two parts as mentioned above) should be sent to "**Faculty Incharge Purchase, Indian Institute of Information Technology, Deoghat, Jhalwa Prayagraj- 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 will be effective as quoted in the technical compliance sheet but it should not be less than 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 two months after the warranty period. 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.
5. **Security Deposit:** Security deposit should be directly transfer into the bank account (IIIT-A General Account) Indian Institute of Information Technology, Allahabad through RTGS/NEFT to the value of 10% of the contract valid beyond 2 months of warranty period.
6. **Delivery Schedule:** The supply, Installation, testing & commissioning shall commence from the date of issue of work order and completion period strictly 06 weeks. Delivery schedule (supply, installation, testing & commissioning) quoted differently in the submitted tender will not be entertained. Purchase/supply order to the L1 vendor will be issued as per above delivery schedule.
7. **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 Maintenance Committee. No conditions clause with regard to interest etc. shall be entertained.
8. **Penalty:** If the supply, installation, testing & commissioning delayed beyond the stipulated time penalty of 1% per weeks and maximum upto 10% of the total cost may be imposed at the discretion of the competent authority. This work order will be automatically cancelled after 9 weeks unless extension is provided by the Institute on request by the supplier.
 9. **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.
 10. **Tenderer should take into account any corrigendum published on the Tender document before submitting their bids. All such corrigendum will be placed on IIIT-A website only www.iiita.ac.in. Intending tenderers are advised to visit www.iiita.ac.in for regular updates, if any, till the closing date of tender for any corrigendum/addendum/amendment. IIITA will not be responsible for ignorance of corrigendum.**
 11. 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.
 12. 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.
 13. 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.
 14. All the documents submitted must be legible and self attested. Otherwise it is likely to be rejected.
 15. 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.
 16. 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 in their bank accounts. Vendors are requested to submit the certified copy of their banking details along with the tender. EMD of the unsuccessful bidders may be transferred to their accounts. If the return of EMD is delayed for any reasons, no interest/ penalty shall be payable to the bidder.
 17. 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.
 18. For any technical queries, please contact Sh.Girish Dixit, Jr. Technical Superintendent (0532-292-2158).
 19. May feel free to contact Purchase Section through E-mail-info.purchase@iiita.ac.in (Ph. No. : 0532-2922051) for other queries.
 20. Tender must be quoted in prescribe format on the company/firm letter head duly stamped & counter signed by the proprietor.




21. 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.
22. Quoted rate should be valid at least for 03 months.
23. All pages of the tender documents are to be signed and stamped by the tendering firm.
24. Director, Indian Institute of Information Technology, Allahabad reserves the right to reject or accept any tender.
25. 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.
26. Director, Indian Institute of Information Technology, Allahabad reserves the right to alter/modify any or all condition of this tender notice.
27. All disputes are subject to Jurisdiction of Allahabad.

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

**Faculty Incharge Purchase
IIIT-Allahabad, Deoghat
Jhalwa, Campus,
Prayagraj-211015
Phone-+91 0532-2922051
E-mail: info.purchase@iiita.ac.in**

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



Approved Makes of Equipments & Materials

S. No. Equipment / Material Approved Makes

1. Air Conditioning – Blue Star/ Carrier/Daikin/ Hitachi/ LG / Voltas/ Make in India
2. Grilles/ Diffusers- Green ventilation / Pine aire / Precise /Systemaire / Titus
3. Copper Pipe - Mandev/Rajco/ Rokyo
4. AHU- Edge-Tech/Voltas/ Zeco/Zair/Make in india
6. Closed cell Nitrile rubber- Armacell / K flex / Supreme
7. Fibre glass – Owen corning /Supreme/UP twiga
8. PVC Pipe - AKG / Finolex /Prince / Supreme
9. Cables – Anchor / Finolex /Havells
10. PVC Conduits – AKG/ISI Mark
11. MCB- Anchor/ Anchor /L &T

Note: For any other item required for successful completion, but not included in the above list the Sub Contractor shall include it as additional items in his technical and financial bid and in rare case if it has been inadvertently left he may take prior written approval from the IIIT-ALLAHABAD.



Financial Bid
(In separate sealed envelope on company letter head)

S. N.	DESCRIPTION	QTY	UNIT	Unit Price	Amount Rs.
1	SITC of Inverter Technology based Modular VRF type 10 HP ODU (Heat Pump) will have both heating & cooling mode (Heat Pump Type). The refrigerant shall be R-410a (environment friendly) Make: <u>Bluestar/Carrier/Daikin/Hitachi/LG/Voltas/Make in India</u>	Nos.	2		
2	SITC of suitable EEV Kit with corded remote	Nos.	2		
3	Supply & charging of Fresh Refrigerant R-410A as a Top Up in system based on copper piping	Lot	1		
4	SITC of AHU (5000 CFMx2 CKT) having 43+/-3 mm thick panel with 24G G.I.Sheet on inner and outer both side, S.S.Drain Pan, Pre filter, 4 row deep cooling coil, TEFC Sq.cage induction motor complete in all respect with return air chamber and weather canopy. Make: <u>Edge-Tech /Voltas/Zeco/Zair/ Make in India</u>	Nos.	1		
5	Supply and Laying of refrigerant copper piping with insulation of suction line	Rmt	20		
6	Supply and installation of Ducts made out of G.S.Sheet of Sail/Tata/Jindal/ispat make for Supply Air complete as per approved drawing.				
a	22 Guage	Sqm	30		
b	24 Guage	Sqm	50		
7	Supply and fixing of Thermal Insulation of the supply/return air ducts with XLPE insulation with aluminium foil on top end 26MM (13+13)mm thick	Sqm	60		
8	Accoustic Lining	Sqm	30		
9	Supply & Installation of Extruded Aluminium powder coated Supply/Return Air Grills	Sqm	4		
10	Supply and installation of G.I. duct/collar damper	Sqm	2		
11	Supply and fixing of fire retardant canvass connection	Nos.	2		
12	Supply and fixing of insulated Hard PVC Drain water Pipe with 6 mm nitrile rubber insulation with fittings				
a	32 mm dia	Rmt	6		
b	50 mm dia	Rmt	12		
13	Design, Supply, Installation, Testing & Commissioning of Main Electrical panel with suitable incomer and outgoing with indicating lamps, push buttons, indicating lamps, Amp meter and Voltage indicator complete in all respect.	No.	1		
a	Incomer MCCB 125 Amp TPN-01 Nos. (L&T/Havell's/Anchor)				
b	Outgoing 40 Amp MCB TPN-03 Nos.(L&T/Havell's/ Anchor)				
c	outgoing for AHU with DOL Starter 30 Amp MCB TPN-02 Nos.(Havell's/L&T/Anchor)				
14	Supply and Laying of suitable power cable with end connection.				
a	4 Cx10 Sq.mm Aluminium armored cable	Rmt	20		
b	3.5C x16 Sq.mm aluminium armored cable	Rmt	40		
15	Supply and laying of control cum transmission wiring between ODU & IDU of copper 3 core x 2.5 sq.mm with PVC conduits	Rmt	40		
16	Supply and Fixing of suitable G.I.earth strip 25 mm wide and 3 mm thick.	Rmt	60		
17	Base Frame of (50x50x6)mm MS channel for Outdoor Unit and AHU	Nos.	3		
18	Dismantling of existing aluminium frame work and closing the same wall with brick work after erection of duct (SAD/RAD) & painting of the plastered area with the existing colour.	Job	1		
19	Installation of heavy duty Canopy over both outdoor units and AHU	Job	1		



S. N.	DESCRIPTION	QTY	UNIT	Unit Price	Amount Rs.
20	<p>Providing and fixing tiled false ceiling of approved material of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm centre to center and cross "T" of size 24x25mm made of 0.30 mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening of services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T"runners to be suspended from ceiling using GI slotted cleats of size 27x37x25x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level chips of size 85x30x0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24mm of all T-Sections shall be pre- painted with polyester paint, all complete for all heights as per specifications as existing design and as directed by AC Committee/ Engineer-in-charge (DSR-2014 code-12.52)</p> <p>12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16 mm thick fire retardant PVC film on the face side and 12 micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit. (DSR-2014-code-12.523)</p>	Sq.ft	100		
				Total Amount Rs.	
				GST @	
				Grand Total Amount Rs.	

