



INDRAPRASTHA INSTITUTE *of*
INFORMATION TECHNOLOGY
DELHI

Short Tender Notice

**TENDER FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC)
OF TOWER AIRCONDITIONERS IN DATA CENTRE OF OLD ACADEMIC BLOCK
AT CAMPUS OF THE INSTITUTE AT
OKHLA, NEW DELHI-110020**

(Tender no. 06/2018)

INVITATION FOR BIDS

1. Indraprastha Institute of Information Technology (IIITD), Delhi a State University invites sealed bids, under Two Envelope Systems, from eligible bidders for supply and installation of Tower air conditioners for its Campus at Okhla Phase-III New Delhi-110020 (behind Govind Puri Metro Station).
2. Interested and eligible bidders may obtain further information, inspect the site and obtain the tender document from the office of DM (S&P), Store & Purchase Deptt. Room No. 107, 1st Floor , Old Academic Block, IIIT, Delhi Okhla Phase-III New Delhi-110020 or download from the website **<https://www.iiitd.ac.in/tenders>**
3. The tender document has to be submitted strictly in two separate envelopes as detailed below:

- (i) First envelop should be super scribed as “Technical Bid”
- (ii) Second envelop should be super scribed as “Financial / Price Bid”

Both the envelops should be enclosed in one big envelop super scribing as “Tender Document for Supply and Installation of Air Conditioners”.

4. All further amendments/corrigendum in Tender Document or Bid Schedule, if any, shall be notified on our website **<https://www.iiitd.ac.in/tenders>**
5. The last date for submission of Tender Document is 7th June 2018 up to 3:00 PM. The Tender Document should be addressed to:

Registrar,
Indraprastha Institute of Information Technology, Delhi
Okhla Phase-III
(Behind Govind Puri Metro Station)
New Delhi-110020.

6. The tender should be accompanied by earned money deposit (EMD) of Rs.6,000/- (Rupees Six Thousand only) in the form of crossed demand draft from any scheduled/nationalized bank in favor of IIIT-Delhi Collection Account payable at Delhi. Those registered under MSME may not enclose the DD, however, a valid certificate issued by Govt. of India in this regard must be enclosed failing which tender will not be considered.
7. The technical bids shall be opened on the same day i.e. 7th June 2018 at 3:30 PM.

LETTER OF SUBMISSION

To
The Registrar,
Indraprastha Institute of Information Technology, Delhi
Okhla Phase-III
(Behind Govind Puri Metro Station)
New Delhi-110020.

I/We, the undersigned, have read and examined in detail, the specifications and all bidding documents and hereby declare that:

Price and Validity

1. All the rates quoted in our proposal are in accordance with the terms and conditions as specified in the bid document. All the prices and other terms and conditions of this proposal are valid for a period of 90 calendar days from the date of submission of bid.
2. We do hereby confirm that our bid prices include all taxes/levies/cartage loading unloading supply installation testing and commissioning.
3. We hereby declare that if any tax law is altered, we shall pay the same.

Earnest Money

We have enclosed the EMD in the form of demand draft no....., dated.....favoring **IIT-Delhi Collection** Account payable at New Delhi issued / drawn onBank for **Rs.6,000/- (Rupees Six Thousand only)**, as desired.

Or

We are registered under MSME category and valid certification in this regard is attached.

Deviations

We declare that all the services shall be performed strictly in accordance with the technical specifications and other tender conditions with no deviations.

Qualifying Data

We confirm that all information/data have been submitted as required in tender document. We hereby declare that our proposal is made in good faith, without collusion for fraud and the information contained in the proposal is true and correct to the best of our knowledge and belief. I/We agree that in case any information is found to be incorrect the tender is liable to be rejected at any point of tendering process.

Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.

We understand that you are not bound to accept the lowest or any bid you may receive.

Thanking you,

Yours faithfully,

(Signature and seal of Tenderer with name, designation and contact no.)

Date:

Place:

SCOPE OF WORK

SITC, as per details below:

S. No.	Capacity	Type	Qty. as per BOQ
1.	4 TR	Tower Air conditioners	4

1. The air conditioners are required to be installed in the Data Centre extension at the 1st floor in Old Academic Block of the IIITD Campus.
2. The air conditioners should be reputed branded make heavy duty type with energy efficiency rating /COP as mentioned in the Technical Specifications and BOQ suitable for 24 hours operation.
3. The bidder is advised to visit the site and access the requirement of materials for installation of ACs before quoting for the tender. All expenses towards fabrication work, civil work, copper piping of each type up to 4 meter, drain piping, insulation of copper piping, additional accessories, gas charging and electrical work including material required for the installation complete in all respects shall be provided by the bidder.
4. The bidder will be required to ensure trouble free operations of the air conditioning systems at the rated performance with minimum break down during warranty period of one year.
5. In addition to break down maintenance the bidder will be required to provide two complete services in a year for:
 - a. Complete check-up of air conditioners for performance with oiling and tuning of all mechanical and electrical parts,
 - b. Temperature regulation and power consumption checking,
 - c. Cleaning of condenser and cooling coils, filters & body etc.
 - d. Any other problem faced by us from time to time.
6. In case of compressor failure no repairs of compressor shall be allowed. The bidder has to provide replacement of compressor from the company. The compressors shall be guaranteed for replacement for 5 years free of cost.
7. The works shall be carried out as per the relevant CPWD / BIS Standards and attached Terms and conditions, Specifications, BOQ and drawing complete.
8. **Time Allowed:** within 30 days from date of issue of Work Order.
9. **Schedule of quantity:** As per enclosed BOQ.
10. Clause 12 of GCC CPWD is applicable for EI/SI.
11. Contractor must visit site before quoting and fully satisfy himself of the site conditions.
12. Contractor must possess valid GST registration no. Only GST compliant invoices will be accepted.
13. No T&P shall be issued to the Contractor. The contractor shall be provided with electricity and water at one point, he shall make his own arrangements for further distribution of electricity , water supply and all other labour ,tools, plant and equipment etc. as required for the works complete. Any damage done to existing walls /ceiling /floors /electrical /fire alarm/ fighting/plumbing equipment /building during execution shall be on the part of the Contractor.

14. The requisite certificates along with the EMD be enclosed in Envelope-A. The applications not supported with requisite experience certificates, valid DVAT certificate, TIN no shall not be entertained.
15. The priced bill of quantities kept in Envelope-B, all duly signed by the authorized signatory of the firms.
16. Payment shall be made as per actual quantities of executed works against RA/Final bills.
17. Conditional offers will not be accepted.
18. IIIT-D reserves the right to accept or reject any tender in part or whole without assigning any reasons thereof.

MINIMUM ELIGIBILITY CRITERIA

1. The bidder should be an authorized dealer of any of the companies whose product is being quoted for. **A valid certificate to this effect must be enclosed.**
2. The bidder should have a minimum turnover of Rs.15 Lacs from similar works including Supply installation testing and commissioning of air conditioners during the last three audited financial years. **In this regard the bidder should submit a CA certified copy of turnover in last three financial years (FY-2014-15, 2015-16 and 2016-17).**
3. The bidder should have a full fledged service center in Delhi NCR region. **A valid certificate to this effect must be enclosed.**
4. The bidders should be registered with IIITD /Reputed agencies who have carried out similar works in Govt Depts/PSU/Reputed Pvt sector /MNCs are to **submit the experience certificates for the works and registration certificates with Govt. Depts. if any.**
5. The agency must have executed 3 similar works of 1.20 lacs OR 2 similar works of 1.80 lacs OR 1 similar work of 2.4 lacs. Similar works are defined as works of Supply installation testing and commissioning of split/window/Tower unit air conditioners during last seven years. **Self- attested copies of experience certificates issued by the owners or their GM or Executive Engineer of the department concerned to be submitted.**
6. The agency should not have suffered any loss in the last two consecutive financial years. **This should be certified by the supplier.**

BID EVALUATION CRITERIA

1. After opening, the bids shall be examined whether the EMD is in order and the bidder meets the minimum eligibility criteria specified above.
2. Those bidders' whose EMD is in order, meets the minimum eligibility criteria, has submitted all the required documents and meet the technical and financial requirements shall be considered for opening of financial bid.

Following information must accompany the financial bid:

1	Name, address and telephone number of the firm/company	
2	Name of the contact person and contact details (mobile/telephone number etc.)	
3	Name of the Bank and full address	
4	Bank Account Number	
5	PAN and GST(Attach self-certified copy)	
6	Copy of Partnership Deed/ Certificate of registration of company or any other document evidencing registration of the bidder	
7	Number of Years of Experience	
8	Details of DD towards: EMD:	
9	The agency must have executed (attested copies of the experience to be enclosed) 3 similar works of 1.20 lacs OR 2similar works of 1.80 lacs OR 1 similar work of 2.40 lacs. Similar works are defined as works of Supply installation testing and commissioning of split/window/Tower unit air conditioners during last seven years. Self-attested copies of experience certificates issued by the owners or their GM or Executive Engineer of the department concerned to be submitted.	
10	The agency should not have suffered any loss in the last two consecutive financial years. This should be certified by the supplier.	
11	List of service centers, nearest location of support center.	
12	Turnover of the bidder in the financial years: 2014-15 2015-16 2016-17 Please attach CA certified copy of the turnover.	

I /We hereby certify that the information furnished above is full and correct to the best of my/our knowledge.

(Signature of the authorized Signatory)
Name:
Office Seal.

Date:
Place:

TERMS AND CONDITIONS

1. Bid shall be valid for a period of not less than 90 days from the date of opening of bid (envelope number one). Bids submitted without EMD shall be rejected.
2. Bids will be opened in the presence of bidders representatives, who choose to attend on the specified date and time.
3. Sealed bid can be sent either by post or by messenger.
4. Bidder should specify his capabilities & facilities for sales, repairing and maintenance of ACs.
5. Bidders will be responsible for covering all risk under Workmen Compensation Act for his employees /machinery on site for installation jobs. IIIT, Delhi will not be responsible for any damages whatsoever on this account.
6. In case repairs are not possible on site and required to be repaired outside our premises, all expenditure on this account would be borne by the bidder.
7. Payment will be made within one month time on successful installation, issue of satisfactory report by Officer in Charge of IIIT, Delhi and no advance payment will be made.
8. In the event of dispute, Director, IIIT, Delhi shall be the sole arbitrator and his decision shall be final and binding on both the parties.
9. The successful bidder shall be required to submit 10% of total amount of invoice as Performance Bank Guarantee (PG) within 10 days of Order, as security which will be released on expiry of the warranty period. In case, the PG is not submitted the amount of 10% shall be deducted from the bill and released only after warranty period.
10. IIIT, Delhi does not bind itself to accept the lowest or any other offer and reserves the right to accept or reject any or all the offers either in full or in part without assigning any reason.
11. The Institute is free to change the quantities for which the bid is called and the payment will be made for actual quantity installed.

DOCUMENT REQUIRED

The bidders are required to submit the following information, documents, etc. for Technical Evaluation:

1. List of major contract executed i.e. giving details of type of work, name & address of clients, value of job & duration including photocopies of major orders with completion certificates.
2. CA certified copy of turnover in last three audited financial years.
3. Copies of satisfactory certificates from the clients.
4. Copies of credentials of main owner and executor of job giving details of qualifications & experience.

Bill of Quantities for FINANCIAL / PRICE BID

S No	Particulars	Unit	Qty.	Rate per Unit	Total Amount (all inclusive)
1)	Supply, Installation, testing and commissioning of floor standing type tower air conditioning Unit Condensing unit shall be complete with Scroll type compressors and air cooled condenser with fan, Evaporator units shall consist of multi rows deep cooling coil with aluminum fins, expansion valves, insulated drain pan, filters, safety controls, cooling thermostat etc. complete within the unit. The enclosure shall be factory painted to a smooth finish. Quoted price shall be including of all necessary, internal wiring of air-conditioning remote controller as required. The Compressors shall be having 5 years replacement warranty. Units shall carry BEE ratings as per scope of work and capacity as under. This shall include drilling holes in wall, cutting & finishing as required. Provision of framing, ply work, glass removal and fixing of units etc complete.				
a)	Capacity Minimum 4 TR tower type AC including all the material required for installation, as mentioned in the Scope of Work above complete with duty sharing arrangement. The units to meet the Technical specifications as given below. (Suggested Makes : Daikin/ Panasonic/Carrier/Voltas/approved equivalent)	Nos.	4		
2)	SITC of duty sharing arrangement panel with timer, breaker complete for 24x7 operations including Supply and installation of 4 Nos o/g -20/32 Amps. TP MCB. And 1Nos. i/c -32/40 Amp MCB complete (suggested Make: ABB, Le grand , Schneider ,Hager)	Nos	1		
3)	Extra for Cabling between indoor and outdoor units beyond 4m included in 1 above a)Supply and installation of 3core 4 sqmm. PVC insulated copper cable, 1.1 KV grade in conduit/casing capping, (suggested make: Havells, Finolex, Polycab.)	Mtrs.	20		
4)	Extra for Supply and installation of one pair (set) of copper tubing along with insulation for 4 TR AC in beyond minimum 4 meter included in 1 .	Per m.	Rate Only		
5)	Supply and Installation of Hard PVC drain piping beyond 4 meter included in 1.	Per m	Rate Only		
6)	MS steel stand for suspending/fixing outdoor units from wall /ceiling /floor mounting stand as required	Nos	Rate Only		
7)	Provision of GI/MS channel with cover duly painted to conceal the piping/wiring, as required	Mtr.	Rate Only		
Total					
GST					
Amount Rs. (Inclusive of all charges, taxes, transportation etc.)					

Makes quoted for

Signature with seal of the authorized official

Date:

Technical Specification				
Tonnage Category		TR	4.0 (Minimum)	
Nominal Cooling Capacity*		Watts	14000#	
ISEER**		W/W	NA	
Annual Power Consumption**		KWH	NA	
Minimum EER			2.6	
BEE Star			NA	
Power Supply			3 Phase, 380~415 V, 50 Hz	
Indoor unit	Airflow	H/L	m ³ /h	1802/1595
	Sound Level	H/L	dB(A)	57/52
	Net Dimension	Unit (WxDxH)	mm	550x350x1800
	Net Weight	Unit	Kg	50 approx
Outdoor unit	Compressor		Type	Scroll
	Refrigerant Charged for 5 meters		Type	R410A / R32
	Net Dimension	Unit (WxDxH)	mm	820x320x900
	Net Weight	Unit	Kg	64
	Operating Temp Range		°C	18 ~ 50
Pipe connections	Liquid (Flare)		mm/Inch	Φ9.52 - 3/8"
	Gas (Flare)		mm/Inch	Ø19.05 - 3/4"
	Drain		mm/Inch	OD Φ32 - 1 1/4"
Max. Inter-unit Pipe Length		meters	30	
Max. Installation Level Difference		meters	15	
Standard Controller			Wired Controller	

Nominal Cooling/Heating capacity.

* All specifications as per IS1391 (Part 2) : 1992 Room air-conditioner.

** BEE (Bureau of Energy Efficiency) an autonomous body under Ministry of Power, Government of India, started this initiative of star rating basis ISEER ranging from 1 Star to 5 Star, Annual Electricity Consumption (Units of kWh basis 1600 hrs), Applicable upto 3.0TR 1PH product.