

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
2A & 2B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032

Tender Notice

NIT No. : IACS/WS/SB/2017-18 /01

Date: 12/04/2017

Sealed item rate tender in two bids system (technical bid and price bid) is invited from bonafide and resourceful manufacturer/exclusive distributor/ authorized Dealers / Stockiest for **Supply, Installation, Testing and commissioning of 02 Nos. 04 TR Cassette Air Conditioners in the Computer Centre at 1st. floor of Centenary Building / IACS**

Part-I (Technical Bid) of the tender should contain technical specifications in detail as well as commercial terms and conditions.

Part-II (Price Bid) should clearly indicate group-wise price, if needed, as mentioned in the technical bid.

The Technical Bid and Price Bid are to be submitted in separately sealed envelopes, distinctly marked accordingly and both to be put inside another envelop, that should be sealed and super scribed with tender notice no. and due date. The bidders may submit bids duly signed in their own letterheads.

Completed tender bids should be addressed to the **Registrar, IACS** and which will be received by the **Receiving and Dispatch Section, Indian Association for the Cultivation of Science (IACS), 2A & 2B Raja S. C. Mullick Road, Jadavpur, Kolkata-700032** on or before the scheduled date and time specified below:

Estimated Cost	Rs.3,74,780/- (Rupees Three Lakh Seventy Four Thousand Seven Hundred Eighty only)
Earnest Money Deposit (EMD)	An Account payee Demand Draft/Pay Order/Banker's Cheque of any scheduled bank (No other form will be accepted) for Rs. 7500.00 (Seven Thousand Five hundred only) drawn in favour of " Indian Association for the Cultivation of Science " is to be furnished by the bidders in a separate envelop duly super scribed as EMD. First the EMD envelop will be opened and if it is found not according to NIT, the Tender will be summarily be rejected. The Demand Draft for the EMD should have at least 90 (ninety) days validity period of opening of the bids. The EMD money would be returned to the unsuccessful Bidders against submitting an application for refund of EMD.
Cost of Tender	Tender paper may be purchased from Workshop/IACS, Jadavpur against payment of Rs.500/- (Rupees Five Hundred only) per set (non-refundable) in cash. Otherwise it can be down loaded from our web site (www.iacs.res.in) in the form of Demand Draft or Pay Order or Banker's Cheque of a scheduled bank in favour of "Indian Association for the Cultivation of Science", payable at Kolkata, with their tender or their tender will be summarily be rejected.
Tender Issue Date	18/04/2017
Last date of application & issue of tender	25/04/2016

Last date and time of submitting tender	26/04/2017 (up to 3.00 pm)
Pre-bid meeting date and time	21/04/2017 at 3.00 PM (At Meeting Room, Workshop, IACS)
Date and time of opening tender	26/04/2017 at 4.00 PM (only Technical Bid)
Place of tender open	Meeting Room, Workshop, IACS
Contact	Email: wssb@iacs.res.in Tel.+91 33 2473 4971 [Ext. 1700]

1. Technical Bid Evaluation: The technical bids will be opened first to judge/evaluate the technical specifications of the said Cassette Air Conditioners. The Technical Bids will be evaluated first to prepare a list of the technically qualified bidders. Thereafter the price bids of only technically qualified bidders will be opened.

2. Opening of price-bid: The Price Bid(s) of the bidders qualifying the technical bid will only be opened. The date & time of which will be intimated to the short-listed bidders at their email addresses. The rest of the bids will be rejected.

3. Guarantee: One Year from the date of successful Commissioning or 18 months from the date of supply whichever is earlier.

4. PRICE BID

The Price bid indicating (item-wise) price for the item(s) mentioned in the technical bid should be kept in a separate sealed envelope duly super scribed as 'PRICE BID' on the outer cover of the envelop as already detailed above. Price bids of only technically qualified bidders will be opened and they will be intimated the date and time of the opening of price bid at their e-mail ids. Rest of the bids will stand rejected.

5. PERFORMANCE Bank Guarantee (PBG):

Performance Bank Guarantee (PBG) @ 10% of the order value in the name of "**Indian Association for the Cultivation of Science**" is to be furnished by the successful bidder as Performance security. Performance security should remain valid for a period of 30 days beyond the date of completion of all contractual obligations of the supplier including warranty obligations. EMD will be refunded to successful bidder on receipt of the Performance security. The PBG will be treated as Security deposit. No further deduction will be made from the bill.

6. Delivery Schedule:

Delivery has to be made within 21 days (maximum) from the date of receiving the Order.

7. Liquidated Damage: Liquidated damage for delay in supply will be imposed upon the supplier @ 1% of the order value per week or part thereof subject to a maximum of 5% of the Order value up to a maximum of 10 days beyond which the order may be treated as cancelled, if no reasonable and sufficient cause is found. However delay due to natural calamities is considerable.

8. Payments: 100% of the bill value will be released after commissioning.

GENERAL INSTRUCTIONS

1. Validity of tender: Tender submitted should remain valid for at least sixty days from the date of opening the tender. Validity beyond sixty days from the date of opening of the tender shall be considered by mutual consent.
2. The tender should accompany a technical compliance chart as per format.
3. Incomplete and conditional tenders as well as tenders received after the due date will be summarily rejected without assigning any reasons thereof.
4. Minutes of the pre-bid meeting shall form a part of the NIT. No changes after issuance of Minutes of Meeting is permitted. The Minutes of Meeting will be uploaded in the IACS website www.iacs.res.in . However it is requested to visit the IACS website regularly by the participating bidders to get the updates (if any).
5. Please note that IACS will not provide any accommodation or reimburse any expenses to any of the bidders for attending pre-bid meeting, opening of technical bid and price bid
6. Installation/Demonstration at site/ Users training at IACS should be provided, free of cost by the supplier.
7. Service facility: In India, preferably Kolkata, supplier should mention their details of service setup and man powers that are responsible for after sales support. Response time should be within 24 hrs.
8. The model number, make and a printed literature (photocopy is not accepted) of the product should be submitted positively.
9. Proposed delivery schedule should be mentioned clearly.
10. Manufacturers / exclusive distributors / Authorized Dealers/ Stockiest should have history of supplying this type of instruments to this or other scientific organizations or other organizations etc. Credentials in this regard should be submitted.
11. Authorized dealership certificate should be provided in case of principal manufacturing company is not quoting directly.
12. Guarantee certificate, users manuals etc. are required to be handed over to the user after successful commissioning of the system and before submission of final bill.
13. If holiday is declared on the due date of submission of tender, the tender will allowed to be submitted on the next working day up to 3.00 pm. Opening of the Technical bid will be on the same day at 4.00 pm.
14. In case of any dispute, the decision of IACS authority shall be final and binding on the bidders.
15. Unless otherwise specified in the NIT, all other terms & conditions will follow the CPWD Works Manual, 2014 or GFR 2005 as applicable.
16. Routine test certificate of the manufacturer should be provided at the time of delivery of equipment or submission of bill without which payment cannot be processed.
17. The authority of IACS reserves the right to reject any or all of the tenders received without assigning any reason thereof.

S.N Maulik

Acting Registrar

NIT No.-IACS/WS/SB/2016-17/01 ,Date: - 09.12.2016

Technical specification to be filled up according to the following format:

Sl. No	Tender specification of Cassette Air Conditioner (Parameters)	Your offered specification of Cassette Air Condition
1	Capacity 04 TR	
2	AC Type - Cassette - Mention (Yes or No)	
3	BEE Rating - Mention	
4	Inverter Technology or Conventional Type - Mention	
5	Compressor - Inverter or Conventional - Mention the type of compressor	
6	Compressor Make - Mention	
7	Power Supply -Three Phase, AC, 415 Volt / 50 Hz.	
8	Energy Consumption in Watt - Mention	
11	Cooling Capacity - Not less than 48000 BTU	
12	Co-efficient of Performance (COP) - Mention	
13	Energy Efficiency Ratio (EER) - Mention	
14	Sensible Heat Factor (SHF) - Mention	
15	Air Filter - Air Flow rate (High)- Not less than 1000 CFM	
16	Moisture Removal - Mention	
17	Refrigerant Type- Mention	
18	Noise Level Indoor Unit up to 46 dbA -	
19	Timer - Yes or No	
20	Auto Restart (Yes or No)	

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Technical specification to be filled up according to the following format:

21	Remote Control (Yes or No)	
22	Air Swing (Yes or No)	
23	Sleep Mode (Yes or No)	
24	Fan Speed (No. of Steps 2 to 4)	
25	Refrigerant Pipe Material - Copper (Yes or No)	
26	Condenser Pipe Material - Copper (Yes or No)	
27	Warranty - Mention	

(Signature of the bidder with stamp)

Date:

PRICE BID FORMAT for NIT NO-IACS/WS/SB/2017-18/01,DT12-04-2017

Sl No	Description of Work	Qty	Rate in Rs.	Amount in Rs.
01	Supply, installation, testing & commissioning of Cassette Type Air conditioner of the following cooling capacity with remote including , topping up the refrigerant line with refrigerant gas.			
(a)	4.0 T R	02 Nos.		
(b)	Installation of Cassette ACs including Scaffolding , Wall Cutting, mending good by plastering & painting and lifting of units.	02 Nos.		
(c)	Supplying & Installation of copper refrigerant pipe (for set of suction & Liquid Line) with Nitrile Rubber insulation for Hi wall split Air conditioners.	160 ft.		
(d)	Supplying and laying of condensate drain line with 32 MM (NB) (or suitable size) PVC pipe complete U Traps and 6 mm (or suitable size) thick Nitrile Rubber insulation for Hi wall split Units.	160 ft		
(e)	Cabling from Indoor unit to Outdoor unit.	160 ft.		
(f)	M S Structure required with One side Platform with proper specification suitable for holding the outdoor units with painting by two coats metal primer & synthetic enamel paint white colour of ICI / Asian / Burger make.	02 Nos.		
(g)	Gas Charging for AC beyond standard pipe lying of standard installation.	02 Nos.		
(h)	Taxes @			
(i)	Rupees		Total	

(Signature of the bidder with stamp)**Date:**