



INSTITUTE FOR DEVELOPMENT AND RESEARCH IN BANKING TECHNOLOGY

(Estd. By Reserve Bank of India)
Castle Hills, Road No. 1, Masab Tank, Hyderabad-57

NOTICE INVITING TENDERS

for

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC) OF SPLIT AIR CONDITIONERS ON BUYBACK BASIS

1. Institute for Development and Research in Banking Technology invites tenders for the Supply, installation, testing and commissioning of split air conditioners of Blue-Star make.

2. Eligibility Criteria.

Following eligibility criteria are required to be fulfilled by the tenderer:

- a) The Bidder shall be a registered company/firm/HUF involved in the supply, installation, testing, commissioning and maintenance of split type air conditioners. (Attach Proof)
- b) The bidder in case him/her being an Authorized Distributor/Dealer of Air-Conditioners, should be engaged in Supply, Installation, and Testing & Commissioning of Split Air Conditioners with similar or higher specification for at least last 3 years and shall submit a self-declaration on their letter-head, in this regard along with the tender. The tenderer must also submit an undertaking, indicating that he/she is/are authorized to sell the product, along with the tender documents.
- c) A declaration stating the technical & financial sufficiency of the tenderer to complete the entire work of supply, installation, testing and commissioning of the entire ordered quantity
- d) All pages of tender documents must have signed by the tenderer with seal in an unconditional acceptance of all the terms and conditions as stated in the entire tender document.
- e) Valid PAN card copy of the firm & GST Registration Certificate must be enclosed.
- f) Certificate of Turnover (certified by a practicing Chartered Accountant) for the last three financial years.



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3. GENERAL TERMS & CONDITIONS

1. The tender forms will be available on the institute's website "idrbt.ac.in/tenders.html" until 1700 Hours on 3 October 2017.
2. No alteration or amendments shall be allowed after submission and opening of the tenders.
3. The "Technical Bid" and "Financial Bid" put in different envelopes duly marked as such on the top of the envelope shall be put in one outer envelope. The outer envelope should be addressed to the Assistant General Manager – Estate, IDRBT and should be dropped in the **tender box** on or before 1800 Hours on 3 October 2017.
4. Rate should be clearly written in the columns specified. All erasures and Alterations made while filling the tender must be attested by initials of the tenderers. Over writing of figures is not permitted, failure to comply with either of these conditions will render the tender void. No advice of any change in rate or conditions after opening of the tender will be entertained.
5. Each of the tender documents should be signed by the person or persons submitting the tender in token of his/their having acquainted himself/themselves with the General Conditions of the Contract, Scope of work, Specifications, Special Conditions, etc., as laid down. Any tender with any documents not so signed is liable to be rejected.
6. The financial bids of technically qualified bidders will be opened later after shortlisting of tenders post evaluation of technical bids.
7. Tender shall remain valid for acceptance by the Institute for a **period of 60 days** from the date of opening the financial bid which may be extended by mutual agreement and the tenderers shall not cancel or withdraw the tender during this period/extended period.
8. Selection of a firm for award of contract will not be made solely on the basis of lowest rates quoted by a vendor. Previous experience/performance, manpower, office location etc. will also be considered in this regard.
9. The Institute, as security deposit, shall retain a sum equal to 5% of the entire order value/final settlement value and the Institute shall return it without any interest after the completion of defects liability period of One year from taking over of all units. Alternatively, a bank guarantee may be submitted to the Institute of the same amount for a period of at least One year from the date of taking over of all the units by the Institute.



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10. **The price quoted should be exclusive of taxes. Applicable taxes must be mentioned separately. However, tax applicable at the time of settlement of invoice will be paid.**
11. The Institute reserves the right to accept / reject / select more than one Agency. In addition, to annul the bidding process of any or all bids at any time prior to award of contract without thereby incurring any liability to the affected bidders.
12. The Institute shall without prejudice to its other remedies under the contract, deduct from the Contract price, as Liquidated Damages a sum equivalent to 2.5% of the price of delayed supply of Goods or unperformed services for delay of each day until actual delivery or performance, up to a maximum deduction of 20% of the contract price. Once the maximum deduction is reached, the Institute may consider termination of the contract and can forfeit the Security Deposit amount.
13. The bidder can claim the payment for supply and installation separately and the Institute would settle the same after its satisfaction from the supply of goods and services.
14. In case of any dispute arising about this tender or its interpretation, the decision of the Institute shall be final and binding upon the bidder.

4. DEFINITION

- a) The term Institute shall mean Institute for Development and Research in Banking Technology (IDRBT), Hyderabad.
- b) The term Bidder shall mean the bidder selected by the Institute for Supply, Installation, testing and commissioning split type AC units and its accessories.

5. SCOPE OF WORK:

- i) Design, Supply, Installation, Testing and Commissioning of 26 split AC of 1.5 TR with 5 star rating "Blue Star" make & Model "5CNHW18PAFU" year of manufacture 2017 in the 4th Floor of EFC Building of the Institute, including installation of outdoor unit, indoor unit, stabilizer , copper tubing with insulation, copper cabling and drain pipe etc.
- ii) The outdoor units (26 nos.) are to be installed outside the balcony of the rooms of 2nd / 3rd / 4th floor of the EFC Building as per site requirements on suitable MS frame / stand for mounting etc.
- iii) The indoor units should be installed in the building rooms along with the stabilizer (with suitable mounting arrangement) including screws, GI spacers etc.



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- iv) The copper tubing (section and liquid line) will be insulated with expanded polyethylene pipe section insulation with GI spacers screws etc.
- v) The copper flexible cable of 3x2.5 sqmm , ISI mark to be laid in between outdoor unit to indoor unit.
- vi) The system should work for at least minimum period of ten years without any major breakdowns. A certificate from the Manufacturer has to be submitted in this regard. Any other document establishing this fact may also be accepted at the discretion of the Institute.
- vii) **A quote for providing Comprehensive Annual Maintenance for a period of 5 years after lapse of Warranty period of 1 Year should be enclosed in annexure-1 of the price bid. This is an optional field and the Institute may or may not award the order for the AMC immediately.**
- viii) Buyback of old air conditioners from the Institute on as is where is basis as per the quantities indicated in the price bid. The Institute at its discretion may or may not dispose any number of units and the bidder shall have no claim in this regard.
- ix) **The Bidder should quote rate per meter for copper tubing (suction and liquid line), power cable and drain pipeline. However, the standard length of 3 meters per AC unit will be deducted from the total quantity copper tubing and cabling and standard length of 3 meters per AC units will be deducted from the total quantity of drain piping.**
- x) The Bidder has to arrange for showing all parameters/test results on the performance of the machines. If it fails to show the desired results, the Institute will not accept the machine.

6. PROJECT IMPLEMENTATION

The Project will be implemented in two phases.

- (i) Phase-1: Certifying Authority Office, 2nd Floor, EFC Building-IDRBT Premises, Hyderabad
6 nos. units to be fixed in a time frame of 10 days.
- (ii) Phase-2: Participant rooms, 4th Floor, EFC Building-IDRBT Premises, Hyderabad
20 Nos. units to be fixed in a time frame of 20 days.

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7. TECHNICAL SPECIFICATIONS

MODEL NO.	BI-5CNHW09PAFU / BO-5CNHW09PAFU	BI-5CNHW12PAFU / BO-5CNHW12PAFU	BI-5CNHW18PAFU / BO-5CNHW18PAFU
Nominal capacity (TR)	0.75 TR	1 TR	1.5 TR
(Rated) voltage / frequency / phase	230 V / 50Hz / Single		
Cooling capacity(min~max) (watt)	2760 (654 ~ 3038)	3440 (946~3548)	5150 (1775~5500)
Rated cooling capacity (50% load) (watt)	1330	1810	2720
Heating capacity (min ~ max) (watt)	NA		
Cooling power input (min ~ max) (watt)	720 (171 ~ 1006)	1020 (176~1044)	1405 (479~2139)
Cooling power input (50% load) (watt)	270	335	530
Heating power input (min~max) (watt)	NA		
ISEER cooling	4.71	4.71	4.75
Electricity consumed in 1600 hours. (Units/year)	453	565	839
Star rating - BEE table 3	5 Star		
Running current (cooling in amps)	3.25 (1.55 ~ 4.59)	4.5 (1.76 ~ 4.8)	6.15 (3.91 ~ 9.44)
Running current (heating in amps)	NA		
Moisture removal (litres/hour)	0.8	1.40	1.8
Air flow volume (wet CFM) (high / medium / low)	218/188/124	318/271/194	488/412/335
Noise level indoor (high/ medium/ low) in db(A)	36 / 34 / 27	39 / 35 / 28	43 / 39 / 32
IDU dimension (W x H x D) mm	790 X 275 x 200	845 X 289 x 209	970 X 300 x 224
Input power supply	Indoor unit		
Net weight IDU	9 Kg	10 Kg	13.5 Kg
ODU dimension (W x H x D) mm	776 X 540 x 320	848 X 596 x 320	955 X 700 x 396
Noise level outdoor in db(A)	51	52	56
Net weight ODU	27 Kg	28.5 Kg	45 Kg
Compressor type	Inverter rotary		
Compressor warranty	5 Year		
Acoustic jacket on compressor	Yes		
Refrigerant	R410A		
Ambient temp (cooling) °C	52°C		
Ambient temp (heating) °C	NA		
Remote	LCD with back lit		
Night glow function on remote buttons	Yes		
Suction tube size outer diameter inch (mm)	3/8" (9.52 mm)	3/8" (9.52 mm)	5/8" (15.88 mm)
Liquid tube size outer diameter inch (mm)	1/4" (6 mm)	1/4" (6 mm)	1/4" (6 mm)
Max piping capability total (metre)	10	15	20
Max piping capability vertical (metre)	7	10	10
Refrigerant additional charge beyond 4m (g/m)	15	15	15



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8. SPECIAL TERMS AND CONDITIONS

- i. Bidder may visit the site of and understand the nature & scope of the work and doubts of any nature and should be got clarified before quoting.
- ii. Rate should include charges for removal of debris out of premises, removing stains, cleaning the site thoroughly and restoring it to original condition where work is undertaken.
- iii. Quoted rate should be workable and should include all overheads and profits.
- iv. Rate should include all duties, octopi, levies, payment of wages as per Act etc. and should be firm for the entire contract period. No variation of rates will be allowed. Rates have to be mentioned as per format given in financial bid. Taxes must be indicate separately.
- v. All works related to installation of air-conditioners like making holes in the walls for passage of copper tubes and electrical cables, mounting of stands etc. shall be done by the bidder. All tools and tackles should be brought by the bidder for proper execution of works.
- vi. No advance payment will be made by the Institute in any case.
- vii. The bidder shall observe all the safety precautions for the safety of the labour and the employees of the Institute during execution of works. The bidder would be responsible for the safety of persons, employed by him.
- viii. The bidder shall be responsible for injury to persons or things and for damages to the property of the Institute which may arise from omission or negligence of the bidder or their employees, whether such injury or damages arises from carelessness, accident or any other cause whatsoever, in any way connected with carrying out of the work.
- ix. All the conditions of the contract shall be binding on the bidder.
- x. The bidder shall comply with all the applicable Acts, Rules, Regulations, requirement of Law (s) for entering into contract and the Institute will not in any way be liable or responsible for any default/irregularities/penalties on the bidder's part.



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- xi. The bidder shall comply with the provisions of Contract, Labour Regulation & Abolition Act, 1970, Minimum Wages Act and all other labour laws and other Statutory Regulations (both Central and States) that may be enforced from time to time by the appropriate authorities. The Institute shall not be held responsible for any penalty because of failure to adhere to the above labour regulations, etc. The bidder should be responsible to fulfil all the obligations in connection with the workers employed by the them for the purpose of the contract and all the Statutory and other liabilities if any including minimum wages, leave salary, uniform, ex-gratia, gratuity, ESI, Provident Fund, Workman Compensation, if any, etc. in connection therewith shall be on the bidder's account and payable by them.
- xii. The bidder should obtain necessary permission if required for the purpose of this contract from such authorities as may be prescribed by law from time to time.
- xiii. The bidder shall be fully responsible and shall compensate the Institute in the event of any damage to men or material, injury/damage or death as the case may be, caused directly or indirectly due to the negligence of the bidder or his agents and / or his employees or workmen.
- xiv. Any act of indiscipline / misconduct/ theft/ pilferage on the part of any employee engaged by the bidder resulting in any loss to the Institute in kind or cash will be viewed seriously and the Institute will have the right to levy damages or fine and / or even terminate the contract forthwith.
- xv. The bidder should not at any time do, cause or permit any nuisance on the site/do anything which shall cause unnecessary disturbances or inconvenience to the occupants/ visitors at site or near the site of work.
- xvi. Packaging, forwarding, storage and safekeeping of all the supplied materials shall be the sole responsibility of the bidder irrespective of the location of the material. The Institute shall assume no responsibility in this regard under any circumstances.
- xvii. The bidder shall not directly or indirectly transfer, assign or sublet the contract or any part of it.
- xviii. **Payment terms & conditions**: All the payments for work would be made after satisfactory completion/commissioning of work, subject to work being executed in



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accordance with this contract and scrutiny by the Institute and submission of bill along with measurement sheets. **Five (5) Percent of the quoted amount/final invoice value will be kept as performance security by deducting it from the payment made to the bidder and will be returned to them at the end of one year on satisfactory completion of defect liability period.** No interest on security deposit will be applicable. Payment shall be made through NEFT/RTGS after deduction of TDS as per applicable rules. The bidder should provide their Bank Details to receive payment.

- xix. The Institute reserves the right to check the progress of the work and adherence to the technical Specifications etc. any time during the installation phase.
- xx. All disputes arising out of or in any way connected with this Agreement shall be confined to the jurisdiction of Hyderabad, Telangana.

9. Packing and Shipment:

All the 26 split AC's along with Accessories should be delivered to the Institute with proper packing to avoid any damages during transportation. Bidder should note that packing and shipment is under the scope of work and should be included in their offer.

10. Warranty & Comprehensive Maintenance

- i. The equipment offered shall conform to the specifications as given in tender /order and shall be guaranteed against defective design, defective quality material supplied, manufacturing defects etc. for a minimum period of 12 months from the date of supply of Split Air Conditioners.
- ii. The bidder may offer warranty more than 12 months from the date of handover of Split Air Conditioners and this aspect would certainly be taken into consideration.
- iii. The bidder shall make necessary arrangements for keeping the sufficient spares at site to minimize the down time.
- iv. The Compressor and Condenser of the Air Conditioner should carry a minimum warranty period of 5 years.



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11. Claims

- i. If the Institute discovers any anomaly between the specifications as mentioned in the tender and the specification as mentioned in the packaging of the AC's delivered, the Institute reserves the right to reject the entire consignment without entertaining any clarification from the bidder.
- ii. The bidder shall be responsible for removal of all rejected goods from the Institute premises at his own cost.
- iii. The bidder shall also compensate for losses, if any, sustained by the Institute due to defective packing and/or wrong marking of the goods.
- iv. All the costs regarding this contract shall be borne by the bidder, directly or indirectly. The Institute shall only be liable to pay the amount quoted by the firm as per the actual work done at site.

13. Time Frame:-

The vendor should ensure the completion of the work within 30 days from the date of awarding of the contract.

14. Force majeure:

If either of the parties suffer delay in due execution of their contractual obligation due to the operation of one or more of the force majeure events such as but not limited to, natural disaster, War, earthquake, strikes, Lockouts, fire, epidemics, riots, uncontrollable events, civil commotions etc. the agreed time for the completion of respective obligations shall be extended by a period of the time equal to the period of the delay occasioned by such events. On the occurrence and cessation of any such event, the party affected thereby shall give notice in writing to the other party. Such notices to be given within 15 days of occurrence/cessation of the event concerned. If the force majeure conditions continue beyond 30 days the parties shall mutually decide about the future course of action.

15. Contract has following activities:

- A) Supply of equipment.
- B) Installation, testing, commissioning, Integration and Site Acceptance Testing.



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TECHNICAL BID

(To be enclosed in sealed cover)

Name and address of the bidder:

1. Name of the bidder : _____
- a) Full postal address : _____

- b) Contact number : _____

2. Monthly supply capacity of goods:

- a) Average Supply of units in each month for the preceding 12 months:

3. Total annual turn-over(value in Rupees)

FINANCIAL YEAR	TURNOVER (IN RS.)
2014-2015	Rs.
2015-2016	Rs.
2016-2017 (Unaudited provisional is accepted)	Rs.

(Copy of Audit Statement / IT returns, etc. to be attached as proof)

4. Supply and Installation Undertaken in last 3 years (Attach proof)

Customer	Quantity supplied	Year
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