

**College of Vocational Studies  
(University of Delhi)**

[www.cvs.edu.in](http://www.cvs.edu.in)

The date for submission of Supply, Installation & Commissioning of Air Conditioners upto Sept. 16, 2016 by 2:00 PM through e-tendering (<https://www.tcil-india-electronictender.com>)

Other terms & conditions for Proposal – Supply, Installation & Commissioning of Air Conditioners will be made available in the College website ([www.cvs.edu.in](http://www.cvs.edu.in))

**(Dr. Inder Jeet Dagar )**

**Date: August 31, 2016**

**Principal**

# College of Vocational Studies (University of Delhi)

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## **E-tendering for Supply, Installation & Commissioning of Air Conditioners**

### **E-TENDER DOCUMENT: FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF SPLIT/Windows TYPE AIR CONDITIONER MAKE: Voltas/LG/Blue Star/Hitachi CAPACITY: 1.5/2.0 TR STAR RATING: 3 STAR (2016 MODEL with inverter technology)**

College of Vocational Studies invites sealed Tender in two bid systems Technical bid and financial bid from eligible contractors of government departments or Semi Government Organizations / Institutes, authorize dealer from Voltas/LG/Blue Star/Hitachi or previously worked with CVS and have successfully executed similar Erection works in a National Institute, Higher Academic Institute, Hospital, Medical Institute, Central Govt./State Govt./PSU Etc. The Tender documents will be filled through TCIL e-portal (<https://www.tcil-india-electronictender.com>) and details terms and conditions will be available on official web site of [www.cvs.edu.in](http://www.cvs.edu.in)

#### **Particular of Tender**

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| 01. Tender No-   | : CVS/2016/e-tender/02   |
| 02. Particular of the work   | : Supply and installation of Split /Windows Air Conditioner                        |
| 03. Period of work   | : 07 Days  |
| 04. Last date and time of online submission of tender through e-tendering portal | : 16.09.2016 (2:00 PM)   |
| 05. EMD  | : 20,000/( in the form of DD in favor of Principal, College of Vocational Studies) |
| 06. Date of opening of Bid   | : 16.09.2016 (4:00 PM)   |
| 07. Place of opening of Tender   | : CVS  |

On behalf of Principal, CVS e-tenders for supply and installation in 30 Nos Split air conditioners through TCIL portal from reputed and expert Companies having proven track record in supply, installation, testing and commissioning of split/Windows type air conditioners in major organization of Central Government / State Government / Central Autonomous bodies /State Autonomous bodies / Central Public Undertaking / State Public Undertaking/Educational Institute and having annual turnover of not less than Rupees **20 Lakh**, tender terms and conditions of the items can be downloaded from the College website [www.cvs.edu.in](http://www.cvs.edu.in).

**NOTICE INVITING TENDERS**

**Invitation to bid for supply, installation, testing & Commissioning of split/Windows type air conditioner Make: Voltas/LG/Blue Star/Hitachi Capacity: 1.5/2.0TR Star rating: 3 Star (2016 Model with Inverter Technology) at CVS, New Delhi – 110017**

**1. Eligibility Criteria.**

Following eligibility criteria 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 Tenderer in case of Prime Equipment Manufacturer shall be engaged in manufacturing, supplying, Installation, Testing & Commissioning of Split/Windows Air Conditioners with same or higher specification for at least last 2 years and shall submit a self declaration on their letter-head, in this regard along with the tender.
- c) The tenderer in case of Authorized Distributor/ Authorized Dealer shall be engaged in Supply, Installation, and Testing & Commissioning of Split /Windows Air Conditioners with same or higher specification for at least last 2 years and shall submit a self declaration on their letter-head, in this regard along with the tender.
- d) The tenderer in case of Authorized Distributer / Authorized Dealer shall submit a undertaking, indicating that he/she is/are authorized to sell the product, along with the tender documents.
- e) The Biding firm/company//HUF/vendor must be a registered company under relevant act. (Attach proof).
- f) Capability of vendor to complete this task in 07 days after issue of work order. (Attach undertaking)
- g) Undertaking unconditional acceptance of tender term and conditions. (Attach undertaking)
- h) All pages of tender documents must have signed by the tenderer with seal. This is a must

- h) Bidder must submit a certificate of undertaking that he is in position to Supply, Installation, testing and commissioning of 30 Nos. of Voltas/LG/Blue Star/Hitachi 1.5/2.0TR split/windows type AC units and its accessories with a credit of 30 days after clear receipt of completion of task after
- i) Valid Sales Tax Registration Certificate/ VAT Certificate.
- j) Product Brochures containing detailed description of essential technical and performance characteristics of offered equipment.

## **2. GENERAL TERMS & CONDITIONS**

1. The tender terms and conditions can be downloaded from College website [www.cvs.edu.in](http://www.cvs.edu.in)
2. Demand Draft of Rs. 20,000/- (Rupees Twenty Thousand Only) drawn on any nationalized Bank in the Name of "Principal, CVS New Delhi" payable at New Delhi towards Earnest Money Deposit (EMD).
3. No alteration or amendments shall be allowed after submission and opening of the tenders.
4. The financial bids of technically qualified bidders only will be opened same day or the time of opening will be intimated.
5. The order will be awarded to **lowest quoted bidder** for Supply, Installation, testing and commissioning of split/windows type AC units and its accessories.
6. 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
7. The total cost quoted should be exclusive of taxes. Applicable taxes to be mentioned separately. Tax applicable at the time of invoice will be paid
8. **CVS** reserves the right to accept / reject / select more than one Agency. And 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.
9. The tender will be appraised by Purchase committee formed by CVS.
10. CVS shall without prejudice to its other remedies under the contract, deduct from the Contract price, as Liquidated Damages a sum equivalent to 1.0% of the price of delayed 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 is reached, CVS may consider termination of the contract and can forfeit the Performance Guarantee amount.

11. The payment will be made within thirty working days after the supply is made through NEFT/RTGS.
12. The Principal, CVS, reserves all rights to reject any tender including of those tenderers who fail to comply with the instructions without assigning any reason what so ever and does not bind itself to accept the lowest or any specific tender. The decision of Principal, CVS in this regard shall be final and binding
13. In case of any dispute arising with regards to this tender or its conclusion, the decision of the Principal, CVS shall be final

### **3. DEFINITION**

- a) The term Institute shall mean CVS, New Delhi
- b) The term Bidder shall mean the bidder selected by the Institute for Supply, Installation, testing and commissioning split type AC units (Voltas/LG/Blue Star/Hitachi) and its accessories at CVS.

### **4. Scope of work:**

- i) Design, Supply, Installation, Testing and Commissioning of 30 split/Windows AC of 1.5/2.0 TR with 3 star rating Voltas/LG/Blue Star/Hitachi Brand year 2016 model with Inverter Technology in CVS including installation of outdoor unit, indoor unit, stabilizer , copper tubing with insulation, copper cabling and drain pipe etc.
- ii) The outdoor units (30 nos.) should be installed on the CVS requirements on suitable MS frame / stand for mounting and painting etc.
- iii) The indoor units should be installed in the building rooms along with the stabilizer (with suitable wooden stand) including screws, GI spacers etc.
- iv) The copper tubing (section and liquid line) will be insulated with expanded polythine 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.
- vii) The Bidder should quote rate per meter for copper tubing (section and liquid line), power cable and drain pipeline. However the standard length of 5 meters per AC unit will be deducted from the total quantity copper tubing and cabling and standard length of 3
- viii) meters per AC units will also be deducted from the total quantity of drain piping.

### 5. TECHNICAL SPECIFICATIONS

Sl. No.	Item Description	Make / Model	Qty. Req.
01	<p><b>AC Specification – Split ACs</b>            Capacity – minimum 1.5/2 Tonnage            Cooling Capacity – minimum 21000 BTU / Hr            Compressor – Inverter technology            Power Supply – Volt/Hz/Phase, 230/50/1            Air Flow (IDU) (Super High) – EFM-740            Noise Level (IDU)- &lt; 42 dB            Operation – Wireless LCD            Star Rating- 5 Star            (Design, Supply and installation of the above units with refrigerant copper tubing 5 mtrs. along with connecting cable 5 mtrs. (in between evaporator and condensing unit) including installation of 20 mm HDPE PVC drain pipe of 3 mtrs. length including necessary refrigerant, polyphone pipe section insulation etc. and also installation of MS stand for outdoor Condensing units. Necessary opening on the wall may be done for drawing copper tubing and cabling finishing with cement plaster etc.</p> <p><b>Windows ACs</b>            Mosquito away, rating-3,            2.0/TR, Inverter AC,            Latest energy efficiency</p>	<p>Votas/LG/Blue            Star/Hitachi/ 2016            model</p> <p>Votas/LG/Blue            Star/Hitachi/ 2016            model</p>	<p>27 Nos</p> <p>03 Nos</p>
02	Design, Supply and installation of 4 KVA stabilizers for 1.5/2.0 Tr AC unit of a standard make with suitable wall mount option as per site requirement.	Voltage Stabilizer for Air Conditioner	30 Nos.
03	Design, Supply and laying of additional copper tubing, size 1/2" + 1/4" diameter for suction and liquid line with polythene pipe section insulation, GI spacers, screws, rowel plugs as per site requirements.	Standard brand	100 Mtrs.
04	Design, Supply and fixing of suitable MS frame / stand mounting 30 nos. condensing units on the terrace or Ground with painting as per site requirement.	Standard brand	30 Nos.
05	Design, Supply and laying of additional 3/4 inch. (20mm) dia of HDPE PVC drain pipe with necessary fixing material.	Standard brand	100 Mtrs.
06	Supply & installation of PVC batten of suitable size / capacity to take copper pipes and PVC water disposal pipe , as per site requirements.	Standard brand	100 Mtrs.
07	Design, Supply and laying of additional 3x2.5 sq mm. copper flexible cable of ISI mark finolex make with necessary fixing material.	finolex	100 Mtrs.

