

**TWO BID SYSTEM**

Tele : 0532-2420772  
E-mail : armyschoolalld@gmail.com

Army Public School  
New Cantt, Allahabad-211 001

5077/AC

21 Apr 2023

M/S -----

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**INVITATION OF TENDER**  
**PROVISION AND INSTALLATION OF TEMPERATURE / CLIMATE CONTROL**  
**EQUIPMENTS (AIR COOLING SYSTEM) IN CLASS ROOMS IN ARMY**  
**PUBLIC SCHOOL, NEW CANTT, ALLAHABAD**

1. You are invited by the Management of Army Public School, New Cantt, Allahabad to submit tender for the above mentioned items described in the accompanying documents.

2. Your tender duly completed may be put in the tender box kept in school administrative block on or before **12 May 2023** together with all relevant documents sealed in an envelope duly quoted your rates. Tender will be packed as per following details :-

- (a) **Envelope No 1** : Technical Bid.
- (b) **Envelope No 2** : Commercial Bid.
- (c) **Envelope No 3** : Large envelope. Envelope No 1 & 2 to be kept in large envelope.

3. The following documents are included with this tender invitation:-

- (a) Part I – General Information about the Tender/ quotation
- (b) Part II – Technical Bid.
- (c) Part III – Price Bid
- (d) Part IV – Terms & Conditions.

4. The Management of Army Public school, Allahabad doesn't bind itself to accept the lowest or any tender and may cancel tendering process at any time.

Signature of Contractor with Rubber Stamp

*Sooraj S Kumar*  
(Sooraj S Kumar)  
Major  
Presiding Officer

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**PART I - GENERAL INFORMATION ABOUT THE TENDER**

Sl.No.	Tender details	Provision and Installation Of Temperature / Climate Control Equipments (Air Cooling System) In Class Rooms In Army Public School, New Cantt, Allahabad
1.	Earnest Money Deposited	<b>Rs. 12,500/-</b> (Rupees Twelve thousand five hundred only). Draft to be made in favour of Army Public School New Cantt, Allahabad
2.	Date of Issue of Tender/quotation	<b>22 Apr 23 to 12 May 2023</b>
3.	Last Date of Receipt of Tender	<b>12 May 2023 (1500 hours)</b>
4.	This Tender Contains	14 pages
5.	Time allotted for supply of the item	<b>Before 15 days.</b>
6.	Site of the delivery & installation	Army Public School (APS), New Cantt, Allahabad.
7.	Tender Cost	Rs 500/- (Rupees five hundred only). Draft to be made in favour of Army Public School New Cantt, Allahabad. (Refundable)

Signature of Contractor with Rubber Stamp

  
 (Sooraj S Kumar)  
 Major  
 Presiding Officer

1.	Name of the firm	
2.	Address of the head/ registered / branch office	
3.	Phone no.	
4.	Email & Fax no.	Email : Fax No
5.	Mobile no.	
6.	PAN NO.	(Enclose Proof)
7.	GSTN NO.	(Enclose copy of Registration)
8.	Registered with govt. agencies	(Enclose Proof)
9.	Your bank account no.	
10.	Name & address of bank	
11.	Category of trade	
12.	Name of the partners /proprietor	
13.	Experience in years in the respective trade(attach workorders executed in past two years)	
14.	Single work order during the last two financial years	
15.	Payment details (earnest money)	Draft no. .....date..... Amount Rs 12,500/- (Rupees twelve thousand and five hundred only) Issuing bank name and branch .....

### CERTIFICATE

In consideration of my being contractor, I hereby agree that I shall not withdraw, amend or attach any conditions to my tenders submitted to the school authorities from the date of issuing supply order. Said tenders of acceptance, and I do so, the Principal Army Public School, New Cantt, Allahabad shall be entitled to forfeit our earnest money deposit along with the tender and remove us from the school contract without prejudice to any other right or remedy by school for such breach on our part.

### DECLARATION

I ..... (Proprietor/ Partner/Manager) do here by declare that the entire declaration made in the application form is true to the best of my knowledge.

NOTE: - If there any changes in the construction of working of firm, the affecting accuracy of the answer now given, should be promptly communicated to The Principal, Army Public School New Cantt Allahabad.

Signature of Contractor with Rubber Stamp

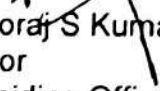
**PART II – TECHNICAL BID WITH SPECIFICATIONS**

S. No	Equipment	Technical details
1.	Air Cooling System (sound free) - 2 sets) Make : Symphony , Bajaj etc or equalant)	<ol style="list-style-type: none"> <li>1. <b>Body material.</b> Universal duct able Air Cooler with UV stabilized plastic body.</li> <li>2. <b>Model.</b> VC20U Single unit can be installed either top discharge or down discharge depends upon site requirement.</li> <li>3. 4" inch thick high efficiency cellulose pads on 4 sides. Fresh air supply from all the four sides.</li> <li>4. Separate Dust Filter for all the four sides to prevent Dust &amp; Bactria.</li> <li>5. Single Phase – 1.1 kW/Hr.</li> <li>6. Water pump in wet section, distribution of water through Cool Flow Dispenser (CFD), Auto Filling/Cutoff of water in al tank with Float valve, Drain Set for cleaning tank water.</li> <li>7. High efficiency Axial fan to deliver more powerful air with less sound.</li> <li>8. Discharge: Top/Down.</li> <li>9. Normal Air delivery: 20000 CMH.</li> <li>10. Net Weight (KG): More than 50 KG.</li> <li>11. Input Power Supply (V/Hz/Ph): 230/50/1.</li> <li>12. Motor Power (kw): 1.1 kwh.</li> <li>13. Outside dimension (L x B x H in mm): 1140 x 1140z x 850.</li> <li>14. Air Outlet Dimension (H x W in mm): 670 x 670.</li> <li>15. Tank capacity (Ltr): 70 litre tank capacity for Top Discharge / 40 litre tank capacity for Down discharges.</li> <li>15. Air Moving device- Fan.</li> <li>16. Fan Diameter (mm): Not less than 600 mm.</li> <li>17. Operating weight (kg)- Not less than 110 (Top Discharge) / Not less than 85 (Down Discharge).</li> </ol>

S. No	Equipment	Technical details
		18. Cooling Media- Honeycomb Pad. 19. Pad Thickness (mm) - 100 or More. 20. Cooling Surface Area of Pad (Sq. mtr)- 1.6 Sq. Mtr. 21. Minimum cooling efficiency (%): 80%. 22. No of Speed (nos.): 1. 23. Duct length (Ft.): Up to 60. 24. Air outlet (Nos.): Up to 8.
		Ducting Accessories Specification:
		<b>Mouthpiece.</b> <b>Body material:</b> UV Stabilized Engineering Plastic. <b>Dimension in mm:</b> Front (L x B): 641 x 439, Back( L x B): 725 x 725.
		<b>Elbow Set</b> <b>Body material:</b> UV Stabilized Engineering Plastic. <b>Dimension in mm:</b> Top L x B in mm: 645 x 440, Down L x B in mm: 440 x 645 Height in mm: 666.
		<b>Mouthpiece.</b> <b>Body material:</b> UV Stabilized Engineering Plastic <b>Dimension (L x B x H) in mm:</b> 650 x 645 x 440
		<b>Mouthpiece.</b> <b>Body material:</b> UV Stabilized Engineering Plastic <b>Dimension (L x B) in mm:</b> 277 x 270
		GI Sheet for Bend
		<b>END CAP</b> <b>Body material:</b> UV Stabilized Engineering Plastic <b>Dimension (L x B) in mm:</b> 685 x 500
		<b>Controller for VC20U</b> <b>Body material:</b> UV Stabilized Engineering Plastic <b>Dimension (L x B) in mm:</b> 110 x 125 <b>Thickness in mm:</b> 55

Note : Brand – Usha, Symphony, Bajaj and Havels etc or equalant.

Signature of Contractor with Rubber Stamp

  
 (Sooraj S Kumar)  
 Major  
 Presiding Officer

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**PART III - PRICE BID**

S No	Equipment	Technical details
	Air Cooling System (sound free) - 4 sets	<ol style="list-style-type: none"> <li>1. <b>Body material.</b> Universal duct able Air Cooler with UV stabilized plastic body.</li> <li>2. <b>Model.</b> VC20U Single unit can be installed either top discharge or down discharge depends upon site requirement.</li> <li>3. 4" inch thick high efficiency cellulose pads on 4 sides. Fresh air supply from all the four sides.</li> <li>4. Separate Dust Filter for all the four sides to prevent Dust &amp; Bactria.</li> <li>5. Single Phase – 1.1 kW/Hr.</li> <li>6. Water pump in wet section, distribution of water through Cool Flow Dispenser (CFD), Auto Filling/Cutoff of water in al tank with Float valve, Drain Set for cleaning tank water.</li> <li>7. High efficiency Axial fan to deliver more powerful air with less sound.</li> <li>8. Discharge: Top/Down.</li> <li>9. Normal Air delivery: 20000 CMH.</li> <li>10. Net Weight (KG): More than 50 KG.</li> <li>11. Input Power Supply (V/Hz/Ph): 230/50/1.</li> <li>12. Motor Power (kw): 1.1 kwh.</li> <li>13. Outside dimension (L x B x H in mm): 1140 x 1140z x 850.</li> <li>14. Air Outlet Dimension (H x W in mm): 670 x 670.</li> <li>15. Tank capacity (Ltr): 70 litre tank capacity for Top Discharge / 40 litre tank capacity for Down discharges.</li> <li>15. Air Moving device- Fan.</li> <li>16. Fan Diameter (mm): Not less than 600 mm.</li> <li>17. Operating weight (kg)- Not less than 110 (Top Discharge) / Not less than 85 (Down Discharge).</li> </ol>

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		<b><u>Mouthpiece.</u></b> <b>Body material:</b> UV Stabilized Engineering Plastic <b>Dimension (L x B ) in mm:</b> 277 x 270
		GI Sheet for Bend
		<b><u>END CAP</u></b> <b>Body material:</b> UV Stabilized Engineering Plastic <b>Dimension (L x B ) in mm:</b> 685 x 500
		<b><u>Controller for VC20U</u></b> <b>Body material:</b> UV Stabilized Engineering Plastic <b>Dimension (L x B ) in mm:</b> 110 x 125 <b>Thickness in mm:</b> 55

**Total cost of two air cooling systems and accessories including installation**  
 Including all taxes in figure Rs \_\_\_\_\_  
 (In word) Rupees \_\_\_\_\_

**Note:**

- GST No is mandatory.** Quotations to be forwarded through registered post ( to be delivered before due date) or dropped in tender box placed at No 1 Gate on all working days



between 0830-1330 hours. Warranty of all items to be mentioned.

2. Complete installation on site.
3. On site visit during school hours all working days from 1100hr to 1500hr
4. Consolidated Price will be quoted.
5. GST will be mentioned separately
6. Warranty of all items to be mentioned.
7. Each pages of the quotation / tender will be signed and stamped.
8. Technical and commercial bids will be kept in separate sealed envelopes. Further both envelopes will be kept in a large sealed envelope.

Signature of Contractor with Rubber Stamp



## PART IV

### TERMS AND CONDITION FOR PROCUREMENT

1. Terms Conditions of procurement above mentioned items for Army Public School, New Cantt, Allahabad is given in succeeding paragraphs.

1. **Requirement of Installation/Commissioning.**

(a) Delivery of items shall be completed within 2 (TWO) weeks from the date of Supply Order at Army Public school, New Cantt, Allahabad.

(b) Installation including acceptance testing shall be completed within 1 (one) week from the date of delivery at Army Public school, New Cantt, Allahabad.

2. **Delivery Period.** Delivery period for supply of items would be as given in paragraph 2 above. Please note that contract can be cancelled unilaterally by the Buyer in case items are not received within the contracted delivery period. Extension of contracted delivery period will be at the sole discretion of the Buyer, with applicability of LD clause.

3. **Consignee Details.**

Army Public School

New Cantt, Allahabad-211 001


Tele : 0532-2420772, email : armyschoolalld@gmail.com

4. **Liquidated Damages.** In the event of the Seller's failure to submit the Documents, supply the stores/goods and conduct trials, installation of equipment etc as specified in this contract, the Buyer may, at his discretion, withhold any payment until the completion of the contract. The BUYER may also deduct from the SELLER as agreed, liquidated damages to the sum of 0.5% of the contract price of the delayed/undelivered stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 10% of the value of delayed stores.

5. **Method of Payment of Liquidated Damages.** The amount charged as liquidated damages would be deducted by the Customer from the amount due for payment to you. If the amount of such LD exceeds the payment due to you, you shall within 30(Thirty) days make payment to the Customer in FULL & FINAL settlement of claims less the value of the bank guarantee if encashed.

**Special Conditions**

6. **Performance Guarantee.** 10% of the contract value will be kept for one year and will be paid after one year interest free.

PO - 

7. **Repeat Order Clause** School may place a repeat order for same items at the same cost within the six months time period from the date of supply order.

8. **Acceptance Testing** All items will be subjected to detailed acceptance testing procedure by a Board of Officers as per scope of work for the project. The details of the procedure will be worked out jointly by the vendor and the users. The specification of the items should be conformity with the details provided by the vendor and as per the given specifications. Any additional equipment needed for acceptance testing would be provided by the Vendor at his own cost. In case any item(s) is found not as laid down specifications and the consignment rejected, the vendor shall remove the items from user premises at his cost. The user would issue an acceptance certificate on successful completion of acceptance testing.

9. **Mode of Payment** One Time 90% of the total cost after checked by a Board for specification and smooth functioning of equipments through cheques / NEFT/RTGS. Balance 10% will be paid interest free after one year.

10. **Advance Payments** No advance payment(s) will be made.

11. **Paying Authority** Payment will be made by Principal, APS, New Cantt, Allahabad. The payment of bills will be made on submission of the following documents by the Seller along with the bill :-

- (a) Ink-signed copy of contingent bill/Seller's bill.
- (b) Ink-signed copy of Commercial invoice/Seller's bill.
- (c) Delivery certificate, acceptance certificate, installation and configuration certificate.
- (d) Exemption certificate for excise duty/Customs duty, if applicable.
- (e) Guarantee/Warranty certificate.
- (f) Details for electronic payment viz Account holder's name, Bank name Branch name and address, Account type, Account number, IFSC code, MICR code (if these details are not incorporated in Supply Order/Contract).

12. **Earliest Acceptable Year of Manufacture** 2015/16 Quality/life Certificate will need to be enclosed with the bill.

13. **Quality** The quality of the stores delivered shall correspond to the technical conditions and standards valid for the deliveries of the same stores for in Seller's country or specifications enumerated as per TE and shall also include therein modification to the stores suggested by the Buyer. Such modifications will be mutually agreed to. The Seller confirms that the stores to be supplied under this Contract shall be new i.e. not manufactured before (Year of Contract), and shall incorporate all the latest improvements and modifications thereto and modified equipment.

PO - hony

The Seller shall supply an inter changeability certificate along with the changed part numbers wherein it should be mentioned that items would provide as much life as the original items. The vendor should also committed to provide higher version of the product offered in case the offered product becomes obsolete or newer version is available without any change in the terms and conditions and prices quoted.

14. **Quality Assurance.** Seller would provide the Standard Acceptance Test Procedure (ATP) within 10 days of this date of contract. Buyer reserves the right to modify the ATP. Seller would be required to provide all test facilities for acceptance and inspection by Buyer. The items should be of the latest manufacture, confirming to the current production.

16. **Inspection Authority.** The inspection will be carried out by a Board of Officers on behalf of the buyer. The mode of inspection will be joint inspection.

17. **Warranty.** The following Warrants will form part of the contract placed on successful Bidder :-

(a) The seller warrants that the goods supplied under the contract conform to technical specifications prescribed and shall perform according to the said technical specifications.

(b) The seller warrants for a period of 36 months from the date of acceptance of stores or date of installation and commissioning, whichever is later, that the goods/stores supplied under the contract and each component used in the manufacture thereof shall be free from all types of defects/failures. Onsite comprehensive warranty will be provided.

(c) If within the period of warranty, the goods are reported by the Buyer to have failed to perform as per the specifications, the seller shall either replace or rectify the same free of charge provided that the goods are used and maintained by the Buyer as per instructions contained in the Operating Manual. Warranty of the equipment would be extended by such duration of downtime. Record of the down time would be maintained by the user in logbook. Spares required for warranty repair shall be provided free of cost by the seller. The seller also undertakes to diagnose, test, adjust, calibrate and repair/replace the goods/equipment arising due to accidents by neglect or misuse by the operator or damage due to transportation of the goods during the warranty period, at the cost mutually agreed to between the Buyer and the Seller.

(d) The Seller also warrants that necessary service and repair back up during the warranty period of the equipment shall be provided by the seller and he will ensure that the downtime within 0.5% of the warranty period. This amounts to total maximum downtime of six days during warranty.

(e) The Seller shall associate technical personnel of the maintenance agency and quality assurance agency of the buyer during warranty and shall also provide the details of complete defects.

PO - *[Handwritten signature]*

(f) If a particular equipment/goods fails frequently and/or, the cumulative down time exceeds 1.5% of the warranty period, the complete equipment shall be replaced free of cost by the Seller within a stipulated period of 30 days of receipt of the notification from the Buyer. Warranty of the replaced equipment would start from the date of acceptance after Joint Receipt Inspection by the Buyer/date of installation and commissioning.

(g) During the warranty period, all warranty benefits received by the seller from the OEMs, for any equipment pertaining to third parties will be passed on in to the Buyer.

(h) Where the tenders are quoted for by resellers/channel partners on behalf of OEMs. Proof in writing to the effect that a back to back arrangement /exercising of support pack options exist with the OEM for entire duration of warranty, shall be provided on placement of supply order. Failure to provide sufficient proof for the arrangements shall either result in non-processing of payments due to the vendor or cancellation of supply order.

18. Condition During Warranty. The system should fulfill the following conditions during the warranty :-

(a) Any failure in the system or a sub system thereof should be rectify within a maximum period of 48 hours of lodging a complaint.

(b) If the system is down beyond 48 hours certain amount per day per system will be charged or recovered out of balance payment held with the School towards warranty/AMC/FSMA. In case of any system/subsystem being down for more than seven working days, user has the option to get it repaired from any suitable agency at the risk and cost of seller, which will be deducted from the balance payment held with the School due to the seller.

(c) Any system failing at subsystem level, three times within a period of three months or displaying chronic faulty behavior or manufacturing defects or quality control problems will be totally replaced by the seller at his risk and cost within 30 days of being intimated.

(d) Delivery and Implementation Schedule. Delivery time (2 weeks) and installation time (1 week) .

19. All packing cases, containers, packing and other similar materials shall be supplied free of cost by the vendor and shall not be returned unless otherwise specially agreed upon.

PO *[Signature]*

20. **System Maintenance**. In order to ensure functionally during the lifetime the vendor would provide the following :-

- (a) Warranty for all items for at least one year and 3 years for Computers from date of acceptance.
- (b) During the period of warranty the vendor will ensure that all the Computers and peripherals continue to perform in exactly the same manner as at the time of acceptance.
- (c) The vendor will continue to provide spares on payment and maintenance support during the complete lifetime the equipment.

21. **Acceptance Testing**. Delivery of all equipment will be at Army Public School, New Cantt, Allahabad. The vendor and the user will work out the details of the procedure jointly. The specifications of the items should be in conformity with the details provided by the vendors and as per the given specifications. The equipment for acceptance testing would be provided by the Vendor at his own cost. The user would issue an acceptance certificate on successful completion of acceptance testing. The warranty would commence on the date of completion of the acceptance of the equipment by a Board of Officer conducting the Acceptance testing.

22. **Payment Term**. One Time after checked by a Board for specification and smooth functioning of equipment through checks.

23. **Final Price**. The total price of the project that is finally accepted as per your Tender / Quotation will be inclusive of all taxes, packing forwarding, installation, freight etc.

24. **Liquidated Damaged (LD)**. If the vendor fails to complete in full, all deliveries of items, or fails to complete the implementation within the stipulated period, in accordance with the supply order the vendor shall pay to the customer liquidated damages, at the rate of one percent (1%) of the total value of the supply order, for each complete week or part thereof, of delay, up to a maximum of ten percent (10%) of the value of supply order. Thereafter the customer would have the option to buy the items from the market at the vendors risk and cost. The mode and method of such risk purchase would be as prescribed by Govt of India.

PO *[Handwritten Signature]*



25. **Method of Payment of LD.** The amount charged as LD shall be deducted by the customer from the amount due for payment to the vendor. If the amount such LD exceeds the payments due to the vendor, the vendor shall within 30 (thirty) days make payment to the customer in FULL & FINAL settlement of claims less the value of the bank guarantee if encashed, where applicable.

26. **Terms of Payment.** The terms of the payment are as given below :-

- (a) Payment would be made after installation and checking by a Board of officers.
- (b) However 10% of the total cost may be retained by the school as security deposit / bank guarantee which will be refunded without interest after expiry of contract period (three years).

27. **Warranty.** Vendors will provide minimum **one year free onsite comprehensive warranty** commencing from the date of acceptance and a guarantee to provide replacements on payment for a minimum period of 03(three) years after expiry of warranty period. During warranty, the vendor will repair/replace without any cost any part/component which becomes defective except items of a consumable nature. After the expiry of the warranty period, the vendor shall be contractually bound to enter into annual maintenance contract at the discretion of the user for the period as desired by the user.

28. **Conditions during Warranty and AMC.** The vendor would fulfill the following conditions during the warranty :-

(c) Any failure in the items supplied should be replaced/repared within a maximum period of 72 hours of lodging a complaint. (Telephone Number for lodging complaints/Customer Care).


(d) If any item is non functional beyond 72 hours, penalty at the rate of Rs. 500/- (Rupees five hundred only) per day per item will be charged or recovered out of the balance payment. In case of any system/sub system being down for more than seven working days, user has the option to get it repaired from outside at the risk and cost of vendor, which will be deducted from the balance payment.

29. **Legal Terms.** In case of any dispute between buyer and seller, decision of Chairman, APS, New Cantt, Allahabad will be final and binding to both parties. The matter will not be referred to any court of law.

30. **Legal Address of Buyer.**

Principal  
Army Public School, New Cantt, Allahabad-211001  
Email: [armyschoolalld@gmail.com](mailto:armyschoolalld@gmail.com), Tele : 0532-2420772

Signature of Contractor

  
(Sooraj S Kumar)  
Major  
Presiding Officer