



AIR FORCE BAL BHARATI SCHOOL

LODI ROAD, NEW DELHI – 110003 | Ph.: 011-43564950
E-mail: afbbschool@gmail.com | Website: airforcebalbharatischool.in
CBSE Affiliation No.: 2730006 | DOE ID: 1924138

RE-TENDER NOTICE

SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL WITH BUYBACK OF EXISTING SMART CLASS HARDWARE

AT

ALL THREE DELHI BASED AIR FORCE SCHOOLS

Date of issue of Tender Form	:	22 May 2024
Last date for submission of tender	:	06 June 2024 (Till 1300hrs)
Tender opening Date/Time	:	07 June 2024 (1130hrs)
Tender cost	:	Rs. 1000/- (Cash/Online)

Signature and seal of tenderer

RE-TENDER NOTICE AND SCHEDULE OF EVENTS

1. Refer our Tender Notice dated 10 Apr 2024 in connection with **Supply & Installation for Interactive Flat Panel with buyback of existing Smart Class Hardware for all 03 Delhi based AF Schools.**

2. Due to typographical error in the Evaluation Criteria & Price Bid Issues at Part V, para 1 (c) (iv) of RFP, wherein last three financial years are mentioned erroneously as **1019-20, 2020-21 & 2021-22** in place of **2020-21, 2021-22 and 2022-23**, sealed bids are again invited under two bid systems (Technical Bid and Financial Bid) from reputed and experienced firms/contractors/agency possessing valid licenses and are in the business of the said work.

Name of the Work	Supply & Installation for Interactive Flat Panel at three Delhi based Air Force Schools
Tender Submission Cost (Non-refundable)	Rs. 1,000/- (Cash/Online)
EMD amount to be deposited	Rs. 50,000/- (Rupees Fifty Thousand Only)
Completion Period	45 days
Downloading of Tender Document from school's website	22 May 2024 onwards
Pre Bid Meeting	24 May 2024 at 1000hrs
Last date for submission of Tender Form	06 Jun 2024 at 1300hrs
Postal Address for correspondence/sending bids	Air Force Bal Bharati School, Lodi Road, New Delhi – 110003
Opening of Tender	Part-A Technical Bid: Fresh Technical bids shall be opened on 07 Jun 2024 at 1130hrs in the presence of bidders/their authorized representatives.
	PART-B Financial Bid: Date of Financial Bid will be intimated after evaluation and acceptance of the technical bids.
Contact person (for any clarifications)	Principal, AFBBS Tel No: 011- 43565950, 43597238 (0900hrs to 1400hrs)

3. Bidders who have already submitted Bids may not re-submit the Bids if their bids are in order.

4. CMC, AF Schools may issue addendum(s)/corrigendum(s) to the tender documents through the school's website. Such addendum(s)/corrigendum(s) (if any) shall also be submitted, duly stamped and signed, along with the submission of the Tenders.

Signature and seal of tenderer

REQUEST FOR PROPOSAL
CHAIRMAN MANAGEMENT COMMITTEE, AIR FORCE SCHOOLS,
SUBROTO PARK, NEW DELHI
INVITATION OF BIDS FOR (A) FOR SUPPLY AND INSTALLATION OF
INTERACTIVE FLAT PANEL FOR SMART CLASS
AT THREE DELHI BASED AF SCHOOLS
(B) QUOTATION FOR BUY BACK OF EXISTING SMART CLASS
HARDWARE AT DELHI BASED AIR FORCE SCHOOLS
{(A) AIR FORCE BAL BHARATI SCHOOL (AFBBS), LODHI ROAD
(B) THE AIR FORCE SCHOOL (TAFS), SUBROTO PARK
(C) AIR FORCE GOLDEN JUBILEE INSTITUTE (AFGJI), SUBROTO PARK,
NEW DELHI}.

REQUEST FOR PROPOSAL (RFP) NO. 02/2024-2025 DATED 22 MAY 2024

1. Chairman Management Committee (CMC), AF Schools invites sealed tenders from reputed vendors in Two (2)- Bid format (Technical bid and Financial Bid). The bidders interested in carrying out the said works are required to submit completed tender documents (Technical bid and Financial Bid) in sealed envelope super-scribing the name of the work as stated above (along with the name & address of the tenderer) which should be submitted or dropped in the tender box at office of **Air Force Bal Bharati School, Lodi Road, New Delhi- 110003**.
2. A Bid shall be opened in the presence of tenderers or their authorized representatives intending to attend the opening. Any tender received later than the time and date of submission of tenders shall be rejected and returned to the tenderer unopened.
3. This RFP is divided into five Parts as follows: -
 - (a) **Part I**. Contains General Information and Instructions for the Bidders about the RFP such as the time, place of submission and opening of tenders, Validity period of tenders, etc.
 - (b) **Part II**. Contains essential details of the scope of the works/ services required, such as the Schedule of Requirements (SOR), Technical Specifications, Delivery Period, Mode of Delivery and Consignee details.
 - (c) **Part III**. Contains Standard Conditions of RFP, which will form part of the Contract/Supply Order with the successful Bidder.
 - (d) **Part IV**. Contains Special Conditions applicable to this RFP and which will also form part of the contract/Supply order with the successful Bidder.
 - (e) **Part V**. Contains Evaluation Criteria and Format for Price Bids.
4. This RFP is being issued with no financial commitment and the CMC, AF Schools reserves the right to change or vary any part thereof at any stage. CMC, AF Schools also reserves the right to withdraw the RFP, should it become necessary at any stage.
5. You are requested to indicate your acceptance of the offer based on the terms and conditions as given out in the succeeding paragraphs and information contained in Appendices A, B, C, D, E to this RFP which are as follows: -

Signature and seal of tenderer

- (a) Terms and conditions for
(i) BIDS FOR SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL FOR SMART CLASS at three Delhi based AF Schools.
(ii) BIDS FOR BUY BACK OF EXISTING SMART CLASS HARDWARE at three Delhi based AF Schools is placed at Appendix 'A'.
- (b) Technical Bid Proforma for
(i) QUOTATION FOR SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL FOR SMART CLASS at three Delhi based AF Schools.
(ii) QUOTATION FOR BUY BACK OF EXISTING SMART CLASS HARDWARE at three Delhi based AF Schools is placed at Appendix 'B'.
- (c) Financial Bid Proforma for
(i) SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL FOR SMART CLASS at three Delhi based AF Schools.
(ii) BUY BACK OF EXISTING SMART CLASS HARDWARE at three Delhi based AF Schools is placed at Appendix 'C'.
- (d) Certificate for acceptance of tender / undertaking of contract is as annexed at **Appendix 'D'**.
- (e) Declaration for Bid Security/ Earnest Money Deposit is annexed at **Appendix- 'E'**

6. The bidders are required to check and complete the following details in the table at the time of submission of their bids: -

Sl. No.	Details	Yes / No
(a)	Have you read and understood all the clauses mentioned in Part I to Part V of RFP?	
(b)	Have you filled the bids in clear terms?	
(c)	Is there any deviation from the terms and conditions of RFP?	
(d)	If (c) is yes, have you listed out the deviation?	
(e)	Have you submitted bids on time?	
(f)	Have you attached a blank cancelled cheque?	
(g)	Have you signed and stamped on each page of RFP for authentication and signing also indicates agreement with all Terms and conditions of RFP?	
(h)	Have you attached EMD?	

7. This RFP is being issued with no financial commitment and the School reserves the right to change or vary any part thereof at any stage. School also reserves the right to withdraw the RFP, should it become necessary at any stage.

Principal
 Air Force Bal Bharati School
 New Delhi - 110003

Signature and seal of tenderer

PART I**GENERAL INFORMATION**

1. **Last date and time for depositing the Bids – 06 June 24 till 1300 hrs.** The sealed Bids should be deposited by the due date and time. The responsibility to ensure this lies with the Bidder.
2. **Manner of depositing the Bids.** Sealed Bids should be either dropped in the Tender Box marked as
 - (a) **BID FOR SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL FOR SMART CLASS.**
 - (b) **“BID FOR BUY BACK OF EXISTING SMART CLASS HARDWARE at three Delhi based AF Schools”** or sent by registered post at the address given above so as to reach by the due date and time. Late tenders will not be considered. No responsibility will be taken for postal delay or non-delivery/non-receipt of Bid documents. **Bids sent by FAX or e-mail will not be considered.**
3. **Location of the Tender Box.** The tender box will be located at Air Force Bal Bharati School, Main Guard Room. Only those Bids that are found in the tender box will be opened. Bids dropped in the wrong Tender Box will be rendered invalid.
4. **Place of opening of the Bids.** The bids will be opened in the office of the Principal, Air Force Bal Bharati School, Lodi Road, New Delhi. The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time. Rates and important Financial/Technical clauses quoted by all Bidders will be read out in the presence of the representatives of all the Bidders. The opening of bidding/tender form will not be postponed due to non-presence of your representative.
5. **Two-Bid system.** The Technical Bids would be opened on the time and date mentioned above. Date of opening of the Financial Bids will be intimated after acceptance of the Technical bids. Technical Bids of only those firms will be opened whose Technical Bids are found compliant / suitable after technical evaluation is done by the School.
6. **Forwarding of Bids.** Bids should be forwarded by Bidders under their original memo/letter pad furnishing details like GST number, Bank address with NEFT/ RTGS Account, if applicable, etc. and complete postal & e-mail address of their office. They should also submit price bid Proforma as per the RFP, duly completed along with their bids. Both bids should be forwarded in a single envelope containing separate envelope for Technical, Financial and EMD.
7. **Clarification regarding contents of the Bids.** During evaluation and comparison of bids, the school may, at its discretion, ask the bidder for clarification of his bid. The request for clarification will be given in writing and no change in price or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.

Signature and seal of tenderer

8. **Rejection of Bids.** Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD. Conditional tenders will be rejected.

9. **Unwillingness to quote.** Bidders unwilling to quote should ensure that intimation to this effect reaches before the due date and time of opening of the Bid, failing which the defaulting Bidder may be delisted for the given range of items as mentioned in this RFP.

10. **Validity of Bids.** The Bids should remain valid until 90 days from the last date of submission of the Bids. No revision of Commercial Bid would normally be permitted after opening of the Technical Bid.

11. **Instructions to Bidders for filling up the Bids / Quotations.** The bidders shall be at liberty to visit, survey and study the scope of work / site and assess / understand the quantum of work before placing his bid for the contract. The bidders are advised to follow the following points so as to ensure non-rejection of Bids due to errors generally committed while filling the Technical and commercial Bids: -

(a) Bidders are to submit Financial Bid, Technical Bid and EMD in separate sealed envelopes, duly superscripted, wherein they should also super scribe the respective firm's name. All these three envelopes should be sealed in a single large envelope duly super scribed with the RFP Title, RFP No. and date of opening of bids and the name of firm. **In case Technical Bid and Financial Bid are placed together in single envelope, the bid shall be liable for rejection.**

(b) All the clauses/columns of Technical Bid and Financial Bid are to be filled and the RFP should be submitted duly sealed and signed on all pages. The Bidders are to authenticate each page of the RFP with signature and seal of firm before submission.

(c) The Technical bids and Financial bids should not contain or indicate any conditional offer. Also, separate letters suggesting changes in rates quoted on the letterhead or the quotation form, whether upward or downward, will not be accepted after opening the quotations as per scheduled time and date and also may lead to rejection of quotation.

(d) Technical Bid Proforma as annexed at Appendix 'B' to this RFP is to be filled complete in all respects. The attested copies of required documents are to be mandatorily submitted along with the Technical Bid failing which the bid may be rejected.

(e) Financial Bid Proforma as annexed at Appendix 'C' and 'D' to this RFP is to be filled complete in all respects.

(f) No (R) No over writing is allowed in the rates quoted in Financial bids. However, if the rate is to be amended, the old rate is to be encircled and new rate quoted separately and duly authenticated by the bidder.

(g) In Financial Bids the rates are to be quoted in words as well as in figures. In case of any ambiguity/discrepancy, the rates quoted in words shall be considered as final.

Signature and seal of tenderer

(h) The Financial bid should mandatorily be signed by authorized person and duly stamped with Firm's rubber seal. Failure to comply with this provision shall result in rejection of the Financial bid.

(j) Model ECS Mandate Format (Form DPM-11) is to be filled for electronic payment.

(k) The supporting documentary proofs is to be submitted along with the bids in respect of past performance statements/ completion report/ annual turnover/ experience certificate etc. as required vide Para 2 of this RFP or any other details as required in this RFP.

12. **Earnest Money Deposit.** Bidders are required to submit Earnest Money Deposit (EMD) for amount of **Rs. 50,000/- in favour of "Air Force Bal Bharati School"** along with their bids. The EMD may be submitted in the form of an Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the public sector banks or a private sector bank authorized to conduct government business as per Form DPM-16 (Available in MoD website and can be provided on request). EMD is to remain valid for a period of 90 days. EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract. The Bid Security of the successful bidder would be returned, without any interest whatsoever only after the completion of the project. The EMD will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender.

13. The Lowest Acceptable Bid will be considered further for placement of contract / Supply Order after complete clarification and price negotiations as decided by the School. The School will have the right to award contracts to different Bidders for being lowest in particular items. The School also reserves the right to do Apportionment of Quantity, if it is convinced that Lowest Bidder is not in a position to supply full quantity in stipulated time.

PART II**ESSENTIAL DETAILS OF ITEMS/SERVICES REQUIRED****Technical Specification of Interactive Flat Panel (75 inches)****Schedule of Requirements (SOR) – Interactive Flat Panel Required – 195 Nos.**

QUOTATION FOR SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL (75 INCHES) FOR SMART CLASS		
(TECHNICAL PARAMETERS OF FLAT INTERACTIVE PANEL)		
Category	Spec Attribute	Specifications
Panel	Diagonal Size	75" Inch
	Type	IPS
	Aspect Ratio	16:9
	Backlight	LED
	Resolution	3840X2160
	Refresh Rate	60 Hz
	Brightness	450 nits or more
	Dynamic Contrast Ratio	15000:1
	Viewing Angle(V/H)	178 degree
	Buttons/Functions	Back Button; Source Button; Home Button; Volume Up Button; Volume Down Button; Power Button
	Colors	1.07B(10 bits)
	Life(MTBF)	≥120,000 hours
	Glass Material	AG(anti-glare) tempered glass
	Glass Thickness	4.0mm
	Glass Hardness	Min.Mohs 7
Bonding	Zero Gap	
Connection / Ports	Front(Min)	HDMI2.0 in*1
		USB TYPE-C*1
		Public USB-A 3.0*3
		Touch (type B)*1 (For HDMI)
	Rear(Min)	Touch USB-B 3.0*1
		RS232*1
		USB2.0*1
		Mic in(3.5mm)*1
		TF card*1
		USB *2
		HDMI In*2
		DP IN*1
		WiFi with Built -Antenna (2.4 GHz+5GHz),Hotspot & Bluetooth
		HDMI OUT*1
		SDIF OUT*1
RJ45*2		
Line out*1		
Android	Version	Android 12 or above
	CPU	Octa-Core
	RAM	8GB or more
	ROM	64GB or more

...Contd..

Signature and seal of tenderer

PART II**ESSENTIAL DETAILS OF ITEMS/SERVICES REQUIRED**
Technical Specification of Interactive Flat Panel (75 inches)

QUOTATION FOR SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL(75 INCHES) OF SMART CLASS (TECHNICAL PARAMETERS OF FLAT INTERACTIVE PANEL)		
Category	Spec Attribute	Specifications
Touch	Performance	Technology: Infrared; Minimum Touch Object:2mm; Touch Precision:2mm; Writing Precision: ±0.5mm; Resolution:32767*32767;
	Points	Total 20 touch points or more
	Tools	Fingers,pens,or other untransparent objects.
	Compatibility	Windows XP/7/8/10/11; Linux; Chrome OS; Mac OS; Android
	Features	Dual color writing, palm rejection
	Light LUX	10240.0 LUX
Speaker		20W*2+20W*1 Sub-Woofer
Built-in Camera & Mic	Camera	13 MegaPixels
	Microphone	8Array Mic. Voice Pickup Range- 8 m
Environmental Requirement		Operation temperature:0-40degree Celsius; Operation humidity:20%-80%RH
Installation		Standard: wall mount
Software Feature(should be of same OEM as of Display)		<p>White boarding Software; Welcome Interface; Split Screen; Frozen Screen Small Tool; Widgets (Camera, Calendar, Screenshot, Voting, Countdown, Stopwatch, , Quick Pass); Custom Toolbar; Drive (Google and OneDrive); Theme Selection, Screen Sharing</p> <p>Built-in DMS with OEM's own complete IP and Source code , Software must be developed in India subject to audit. Ability to manage & maintain all deployed IFPs, including the functionality of :-</p> <ol style="list-style-type: none"> 1. Turn on/off the panel, 2. Change input/volume, 3. Broadcast message to the panel, 4. Remote monitoring of the panel desktop. 5. Get Powerful Insights and Analytics

Signature and seal of tenderer

1. **Technical Details:**

- (a) Requirement of comprehensive warranty as per School directions.
- (b) Requirement of Technical documentation latest viz. ITR, ESIC, PF.
- (c) A total of 195 Class rooms equipped with Interactive Flat panel & Operating System of Smart Class with LAN in all three Delhi based Air Force Schools. The schools reserve the right to undertake work/purchase product in one lot or in split lot as per actual requirement.
- (d) The school also reserve the right to reduce number of items at any stage of contract/order
- (d) The period of contract/ warranty will be five years.
- (e) **Quality of Goods and Services.** The equipment/ product supplied/ replaced must be as per technical specifications given in Para 1 and of desired quality. Consistency in quality shall be maintained for the entire period. The contract included with relevant interface cables, setup software/ CDs and necessary standard accessories. The vendor shall be solely responsible for the quality of material replaced/ supplied.
- (f) The rate, duly approved by the competent authority, shall remain valid throughout the period of contract and no request to increase the rates during the period of contract, shall be entertained at any stage.
- (g) One resource coordinators should be allocated for each school i.e. AFBBS, TAFS & AFGJI to ensure smooth running of Interactive Panel & Operating System for Smart class. They should be capable of handling the hardware/ software queries in all respects for running of Interactive Flat panel of Smart Classes.
- (h) Comprehensive maintenance and replacement/ repair of all Hardware & Operating Systems for Interactive Flat panel and accessories shall be provided by the company under warranty/contract for five years.
- (j) Comprehensive warranty will be inclusive of labour, replacement of the parts taxes, duties, any freight and transport if any would be covered comprehensively by the company. Cost, if any for repair or replacement of the parts to bring the panel into the working condition will be borne by the company during the period of contract/warranty i.e. 05 (five) years.
- (k) School shall not be responsible for any financial loss or other damage or injury to any item or person deployed/supplied by the successful bidder in the course of their performing the duties at the school during the period of contract.
- (l) If any property of the School is damaged by the service provider during the warranty period, the service provider will be penalized for the damages..

- (m) The Service provider shall provide service from 8:00AM to 3:00 PM, Monday to Saturday, to keep the equipment in good working order. The repair works shall be carried out at the location of the equipment except in exceptional circumstances when the equipment or any component may be required to be taken out for repairs in workshop may be done with due permission of school authority and no extra cost shall be charged to the school authority.
- (n) The services provided would be Un-Interrupted and in case of the absence of the resource a stand by resource is to be provided to ensure smooth working.
- (p) Providing 4 days comprehensive hands on training to the teachers of the school to operate the interactive flat panel.
2. **Two-Bid System** - In respect of Two-bid system, Bidders are required to furnish clause by clause compliance of specifications bringing out clearly the deviations from specification, if any. The Bidders are advised to submit the compliance statement as per Appendix 'B', 'C' and 'D'.
3. **Delivery Period** – The delivery period for supply and installation would be 45 days from the on the effective date of issue of supply order. Please note that the supply order can be cancelled unilaterally by the school in case items are not received within the delivery period. Extension of the delivery period will be at the sole discretion of CMC, AF Schools, with the applicability of the LD clause.
4. **For Delivery and transportation** – N/A.
5. **Consignee Details** - CMC AF Schools, Subroto Park, New Delhi – 110010.
6. **Payment Term** - (i) Final cost of Product / Base of EMI should be net cost after deducting amount for buy back.
(ii) 2nd payment onwards would be made in the first week of the each quarter

PART III**STANDARD CONDITIONS OF RFP**

The Bidder is required to give confirmation of their acceptance of the Standard Conditions of the Request for Proposal mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Bidder in the Contract) as selected by CMC, AF Schools. Failure to do so may result in rejection of the Bid submitted by the Bidder.

1. **Law.** The Contract shall be considered and made in accordance with the laws of the Republic of India. The contract shall be governed by and interpreted in accordance with the laws of the Republic of India.
2. **Effective Date of the Contract.** The contract shall come into effect on the date of signatures of both the parties on the contract (Effective Date) and shall remain valid until the completion of the obligations of the parties under the contract. The deliveries and supplies and performance of the services shall commence from the effective date of the contract.
3. **Arbitration.**
 - (a) All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions.
 - (b) Any dispute, disagreement or question arising out of or relating to the Contract or relating to implementation/installation or performance, which cannot be settled amicably, may be resolved through arbitration.
 - (c) The arbitrator shall be nominated in writing by Chairman Management Committee, AF Schools.
 - (d) The sole arbitrator shall have its seat in Delhi.
 - (e) The parties shall continue to perform their respective obligations under this contract during the pendency of the arbitration proceedings except in so far as such obligations are the subject matter of this said arbitration proceedings.
4. **Penalty for use of Undue influence.** The Bidder undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the School or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of India for showing or forbearing to show favour or disfavor to any person in relation to the present Contract or any other Contract with the Government of India. Any breach of the aforesaid undertaking by the Bidder or any one employed by him or acting on his behalf (whether with or without the knowledge of the Bidder) or the commission of any offers by the Bidder or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle the School to cancel the contract and all or any other contracts with the Bidder and recover from the Bidder the amount of any loss arising

Signature and seal of tenderer

from such cancellation. A decision of the School or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Bidder. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Bidder towards any officer/employee of the School or to any other person in a position to influence any officer/employee of the School for showing any favour in relation to this or any other contract, shall render the Bidder to such liability/ penalty as the School may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the School.

5. **Agents / Agency Commission.** The Bidder confirms and declares to the School that the Bidder is the original manufacturer of the stores/provider of the services referred to in this Contract and has not engaged any individual or firm, whether Indian or foreign whatsoever, to intercede, facilitate or in any way to recommend to the Government of India or any of its functionaries, whether officially or unofficially, to the award of the contract to the Bidder; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The Bidder agrees that if it is established at any time to the satisfaction of the School that the present declaration is in any way incorrect or if at a later stage it is discovered by the School that the Bidder has engaged any such individual/firm, and paid or intended to pay any amount, gift, reward, fees, commission or consideration to such person, party, firm or institution, whether before or after the signing of this contract, the Bidder will be liable to refund that amount to the School. The Bidder will also be debarred from entering into any supply contract with the Government of India for a minimum period of five years. The School will also have a right to consider cancellation of the Contract either wholly or in part, without any entitlement or compensation to the Bidder who shall in such an event be liable to refund all payments made by the School in terms of the Contract along with interest at the rate of 2% per annum above Labour rate. The School will also have the right to recover any such amount from any contracts concluded earlier with the Government of India.

6. **Access to Books of Accounts.** In case it is found to the satisfaction of the School that the Bidder has engaged an Agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agents/Agency Commission and penalty for use of undue influence, the Bidder, on a specific request of the School, shall provide necessary information/ inspection of the relevant financial documents/information.

7. **Non-disclosure of Contract documents.** Except with the written consent of the School/ Bidder, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

8. **Liquidated Damages.** In the event of the Bidders failure to submit the Bonds, Guarantees and Documents, supply the stores/goods and conduct trials, installation of equipment, training, etc., as specified in this contract, the School may, at his discretion, withhold any payment until the completion of the contract. The School may also deduct from the Bidder 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.

9. **Termination of Contract.** The School shall have the right to terminate this Contract in part or in full in any of the following cases: -

- (a) The delivery of services is delayed for causes not attributable to Force Majeure for more than (7 days) after the scheduled date of delivery.
- (b) The Bidder is declared bankrupt or becomes insolvent.
- (c) The delivery services/ material are delayed due to causes of Force Majeure by more than (months) provided Force Majeure clause is included in contract.
- (d) The School has noticed that the Bidder has utilized the services of any Indian/ Foreign agent in getting this contract and paid any commission to such individual/company etc.
- (e) As per decision of the Arbitration appointed vide Para 3 (c) of Part III, above.

10. **Notices.** Any notice required or permitted by the contract shall be written in the English language and may be delivered personally or may be sent by FAX or registered pre-paid mail/ airmail, addressed to the last known address of the party to whom it is sent.

11. **Transfer and Sub-letting.** The Bidder has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

12. **Patents and other Industrial Property Rights.** The prices stated in the present Contract shall be deemed to include all amounts payable for the use of patents, copyrights, registered charges, trademarks and payments for any other industrial property rights. The bidder shall indemnify the school against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or use. The Bidder shall be responsible for the completion of the supplies including spares, tools, technical literature and training aggregates irrespective of the fact of infringement of the supplies, irrespective of the fact of infringement of any or all the rights mentioned above.

13. **Amendments.** No provision of present Contract shall be changed or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this Contract and signed on behalf of both the parties and which expressly states to amend the present Contract.

14. **Taxes and Duties.**

(a) **GST**

- (i) If it is desired by the Bidder to ask for GST as applicable is to be paid as extra, the same must be specifically stated. In the absence of any such stipulation in the bid, it will be presumed that the prices quoted by the Bidder are inclusive of GST and no liability of GST will be developed upon the School.

(ii) On the Bids quoting GST extra, the rate and the nature of GST applicable at the time of supply should be shown separately. GST as applicable will be paid to the Bidder at the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to GST and the same is payable as per the terms of the contract.

15. **Pre-Integrity Pact Clause.** N/A

16. **Penalty for lack of Service Support :** The bidder will provide continuous uninterrupted/ functional of interactive flat panel and updation of android version of software on regular basis. In case the interactive panel and their accessories do not function or remains non-functional for more than 24 hours and not rectified the penalty clause will be applicable. The penalty may be recovered from the amount payable to the vendor @Rs.500/- per day per unit by the school. The penalty will not be charged in case the infrastructure provided by the school is non-functional or down for the said period

17. **Buy back clause:** The Bidders have to ensure that uninstallation of existing smart class hardware and disposed-off under buy-back scheme only.

Part IV**SPECIAL CONDITIONS OF RFP**

The Bidder is required to give confirmation of their acceptance of Special Conditions of the RFP mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Bidder in the Contract) as selected by the School. Failure to do so may result in rejection of Bid submitted by the Bidder.

1. **Performance Guarantee.**

(a) **Indigenous cases.** The bidders will be required to furnish a Performance Guarantee for a sum equal to **3% of contract value of installment amount for one year** within 30 days of receipt of the confirmed order.

(b) **Option Clause.** The contract will have an Option Clause, wherein the school can exercise an option to procure an additional 100% of the original contracted quantity in accordance with the same terms & conditions of the present contract. This will be applicable within the currency of contract. The Bidder is to confirm the acceptance of the same for inclusion in the contract. It will be entirely the discretion of the School to exercise this option or not.

(c) **Repeat Order Clause.** The contract will have a Repeat Order Clause, wherein the School can order up to 100% quantity of the items under the present contract within six months from the date of supply/successful completion of this contract, the cost, terms & conditions remaining the same. The Bidder is to confirm acceptance of this clause. It will be entirely the discretion of the school to exercise this option or not.

(d) **Tolerance Clause** – N/A.

2. **Payment Terms for Indigenous Bidders.** It will be mandatory for the Bidders to indicate their bank account numbers and other relevant e- payment details so that payments could be made through ECS/ NEFT mechanism instead of payment through cheques, wherever feasible. A copy of the model mandate form prescribed by RBI to be submitted by Bidders for receiving payments through ECS is at Form DPM-11 (Available in MoD website and can be given on request).

3. **Payment terms for Foreign Bidders.** N/A

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

5. **Paying Authority.**

(a) Indigenous Bidders: (Name and address, contact details). The payment of bills will be made on submission of the following documents by the Bidder to the Paying Authority along with the bill: -

(i) Ink-signed copy of contingent bill / Bidder's bill.

(ii) Ink-signed copy of Commercial invoice / Bidder's bill.

(iii) Copy of Supply Order/Contract with U.O. number and date of IFA's concurrence, where required under delegation of powers.

Signature and seal of tenderer

- (iv) CRVs in duplicate.
- (v) Inspection note.
- (vi) Claim for statutory and other levies to be supported with requisite documents / proof of payment such as GST, proof of payment for EPF/ESIC contribution with nominal roll of beneficiaries, etc. as applicable.
- (vii) Guarantee / Warranty certificate.
- (viii) Performance Bank guarantee / Indemnity bond where applicable.
- (ix) 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).
- (x) Any other document / certificate that may be provided for in the Supply Order / Contract.
- (xi) User Acceptance.

(Note – From the above list, the documents that may be required depending upon the peculiarities of the procurement being undertaken, may be included in RFP)

(b) **Foreign Bidders** – N/A

6. **Fall clause** - The following Fall clause will form part of the contract placed on successful Bidder: -

(a) The price charged for the services supplied under the contract by the Bidder shall in no event exceed the lowest prices at which the Bidder sells the stores or offer to sell stores /services of identical description to any persons/Organization including the purchaser or any department of the Central government or any Department of state government or any statutory undertaking the central or state government as the case may be during the period till performance of all supply Orders placed during the currency of the rate contract is completed.

(b) If at any time, during the said period the Bidder reduces the sale price, sells or offer to sell such stores to any person/ organization including the School or any Deptt, of central Govt. or any Department of the State Government or any Statutory undertaking of the Central or state Government as the case may be at a price lower than the price chargeable under the contract, the shall forthwith notify such reduction or sale or offer of sale to the Director general of Supplies & Disposals and the price payable under the contract for the stores of such reduction of sale or offer of the sale shall stand correspondingly reduced. The above stipulation will, however, not apply to:-

- (i) Exports by the Bidder.
- (ii) Sale of goods as original equipment at price lower than lower than the prices charged for normal replacement.

Signature and seal of tenderer

(iii) Sale of goods such as drugs which have expiry dates.

(iv) Sale of goods at lower price on or after the date of completion of sale/placement of the order of goods by the authority concerned under the existing or previous Rate Contracts as also under any previous contracts entered into with the Central or State Govt. Depts. including their undertakings excluding joint sector companies and/or private parties and bodies.

(c) The Bidder shall furnish the following certificate to the Paying Authority along with each bill for payment for supplies made against the Rate contract – “We certify that there has been no reduction in sale price of the stores of description identical to the stores supplied to the Government under the contract herein and such stores have not been offered/sold by me/us to any person / organization including the purchaser or any department of Central Government or any Department of a state Government or any Statutory Undertaking of the Central or state Government as the case may be up to the date of bill/the date of completion of supplies against all supply orders placed during the currency of the Rate Contract at price lower than the price charged to the government under the contract except for quantity of stores categories under sub-clauses (a),(b) and (c) of sub-para (ii) above details of which are given below - ”.

7. **Exchange Rate Variation Clause.** N/A

8. **Risk & Expense clause.** N/A

9. **Force Majeure clause:** -

(a) Neither party shall bear responsibility for the complete or partial non-performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after the conclusion of the present contract.

(b) In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.

(c) The party for which it becomes impossible to meet obligations under this contract due to Force Majeure conditions, is to notify in written form the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from the moment of their beginning.

(d) Certificate of a Chamber of Commerce (Commerce and Industry) or other competent authority or organization of the respective country shall be a sufficient proof of commencement and cessation of the above circumstances.

(e) If the impossibility of complete or partial performance of an obligation lasts for more than 6 (six) months, either party here to reserves the right to terminate the contract totally or partially upon giving prior written notice of 30 (thirty) days to the other party of the intention to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods received.

Signature and seal of tenderer

10. **Specification.** The following Specification clause will form part of the contract placed on successful Bidder - The Bidder guarantees to meet the specifications as per Part-II of RFP and to incorporate the modifications to the existing design configuration to meet the specific requirement of the School Services as per modifications/requirements recommended after the Maintenance Evaluation Trials. All technical literature and drawings shall be amended as the modifications by the Bidder before supply to the School. The Bidder, in consultation with the School, may carry out technical upgradation/alterations in the design, drawings and specifications due to change in manufacturing procedures, indigenization or obsolescence. This will, however, not in any way, adversely affect the end specifications of the equipment. Changes in technical details, drawings repair and maintenance techniques along with necessary tools as a result of upgradation/alterations will be provided to the School free of cost within (07) days of affecting such upgradation/alterations.
11. **OEM Certificate.** In case the Bidder is not the OEM, the agreement certificate with the OEM or sourcing the spares shall be mandatory. However, where OEMs do not exist, minor aggregates and spares can be sourced from authorized vendors subject to quality certification.
12. **Quality.** The quality of the stores delivered according to the present contract shall correspond to the technical conditions and standards valid for the deliveries of the same stores for in Bidder's country or specifications enumerated as per the RFP and shall also include therein modification to the stores suggested by the School. Such modifications will be mutually agreed to. The Bidder 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 there to and spares of improved and modified equipment are backward integrated and interchangeable with same equipment supplied by the Bidder in the past if any. The Bidder shall supply an interchangeability certificate along with the changed part numbers wherein it should be mentioned that item would provide as much life as original item.
13. **Inspection Authority.** The mode of inspection will be by Computer Department Inspection of School/ Principal/ Joint Inspection/ self-certification.
14. **Warranty.** The following warranty will form part of the contract placed on successful Bidder: -
- (a) The Bidder warrants that the goods supplied under the contract conform to technical specifications prescribed and shall perform according to the said technical specifications.
 - (b) The Bidder warrants for a period of five years from the date of acceptance of stores by Joint Receipt Inspection 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.
 - (c) The Bidder also warrants that necessary service and replacement/repair back up during the warranty period of the equipment shall be provided by the bidder and he will ensure that the downtime is within the warranty period.

15. **Comprehensive Warranty Clause** – The following comprehensive warranty clause will form part of the contract placed on successful Bidder -

(a) The Seller would provide comprehensive warranty of Interactive flat panel and their accessories for a period of **05 years**. The warranty services should cover the replacement/repair and maintenance of all the equipment and systems purchased under the present Contract. The warranty/ maintenance services would be provided in two distinct ways:

(i) **Preventive Maintenance Service.** The Seller will provide a minimum of four Preventive Maintenance Service visits during a month to the operating base to carry out functional checkups and minor adjustments/ tuning as may be required.

(ii) **Breakdown maintenance Service.** In case of any breakdown of the equipment/ system, on receiving a call from the Buyer, the Seller is to provide maintenance service to make the equipment/system serviceable.

(iii) Response time: The response time of the Seller should not exceed 24 hours from the time the breakdown intimation is provided by the Buyer.

(iv) Serviceability of 100% per year is to be ensured. Also unavailability should not exceed 01 days at one time. Required spares to attain this serviceability may be stored at site by the Seller at his own cost. Total down time would be calculated at the end of the year. If downtime exceeds permitted downtime, LD would be applicable for the delayed period.

(v) Maximum repair turnaround time for equipment/system would be 02 days. However, the spares should be maintained in a serviceable condition to avoid complete breakdown of the equipment/system.

(vi) Technical Documentation: All necessary changes in the documentation (Technical and Operators manual) for changes carried out on hardware and software of the equipment will be provided.

(vii) During the warranty period, the Seller shall carry out all necessary servicing/repairs & replacement to the equipment/system under warranty at the current location of the equipment/system. Prior permission of the Buyer would be required in case components /sub systems are to be shifted out of location. On such occasions, before taking over the goods or components, the Seller will give suitable bank guarantee to the Buyer to cover the estimated current value of item being taken.

(viii) The Buyer reserves its right to terminate the warranty/maintenance contract at anytime without assigning any reason after giving a notice of 01 months. The Seller will not be entitled to claim any compensation against such termination. However, while terminating the contract, if any payment is due to the Seller for maintenance services already performed in terms of the contract, the same would be paid to it as per the contract terms.

16. **Price Variation (PV) Clause** – The PV clause will form part of the contract placed on successful Bidder (Note - DGS&D Manual provides Standardized Price Variation Clauses. Any of those clauses could be considered for inclusion).

Signature and seal of tenderer

PART V**EVALUATION CRITERIA & PRICE BID ISSUES**

1. **Evaluation Criteria** - The broad guidelines for evaluation of Bids will be as follows:
 - (a) Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the RFP, both technically and financially.
 - (b) In respect of Two-Bid system, the technical Bids forwarded by the Bidders will be evaluated by the School with reference to the technical characteristics of the equipment as mentioned in the RFP. The compliance of Technical Bids would be determined on the basis of the parameters specified in the RFP. The Price Bids of only those Bidders will be opened whose Technical Bids would clear the technical evaluation.
 - (c) The Lowest Bid will be decided upon the lowest price quoted by the particular Bidder less buy back price of existing smart class hardware quoted by the bidder as per the Price Format given at Para 2 below. The consideration of taxes and duties in evaluation process will be as follows:
 - (i) In cases where only indigenous Bidders are competing, all taxes and duties (including those for which exemption certificates are issued) quoted by the Bidders will be considered. The ultimate cost to the School would be the deciding factor for ranking of Bids.
 - (ii) Only Delhi based agencies are eligible. Bidder/ OEM must have a Functional Service Centre in the state of Delhi for comprehensive warranty.
 - (iii) Bidder/OEM must have been in a similar business of supplying and fixing to any government departments or schools for the last three years. Bidder/OEM should successfully supply, install commission, and maintain similar items/equipment in the last three years. (copy of work order to be attached).
 - (iv) Company/ Bidder should have average annual turnover of 50 Crore for the financial years (2020-21, 2021-22 & 2022-23). The same should be supported by the Balance sheet audited by CA.
 - (v) Bidder should be one company. No consortium is allowed to participate.
 - (vi) Declaration of Warranty Conformation and Technical Compliance on OEM
 - (vii) OEM should be registered in India with its own brand from last 10 years with continuous profit making since Incorporation.
2. The bidder must be registered in Delhi with the following satisfactory authorities' authorities and must also furnish attested copies of supporting documents: -
 - (a) Employees State Insurance corporation, Income Tax registration & GST registration.

Signature and seal of tenderer

(b) Any other registration / licenses which are mandatory for such agencies stipulated by concerned authorities from time to time.

(c) Copy of Company Incorporation/Registration Certificate of the firm shall be attached as proof.

3. **Price Bid Format**: The Price Bid Format is given at Appendix 'C and 'D' and Bidders are required to fill this up correctly with full details.

TERMS AND CONDITIONS

1. Read the tender documents carefully before filling.
2. Signature each page with seal.
3. The envelope which should contain the following items is termed as **PART 'A'**: -
 - (a) Technical Bid with all relevant signed documents as mentioned in Terms and Conditions.
 - (b) Earnest Money Deposit of Rs. 50,000/- (Refundable without interest)
 - (c) Sealed envelope with superscription.
 - (i) Part 'A' of envelop should contain only Technical Bid for **SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL FOR SMART CLASS**
4. **PART 'B'** of envelope should contain only Financial Bid. Sealed envelope with superscription "**FINANCIAL BID FOR**
 - (a) **SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL FOR SMART CLASS.**
 - (b) **BUY BACK OF EXISTING SMART CLASS HARDWARE at three Delhi based AF Schools"** **PART 'B'**. Financial Bid should mention only prices in the stipulated format without any condition. The prices shall be filled up both in figures and in words and the total amount shall be calculated and rounded off to the nearest rupee.No overwriting or use of correction fluid shall be accepted. Any corrections shall be legible and signed by the authorized signatory.
5. Put **PART 'A'** and **PART 'B'** in separate sealed covers and put both the sealed cover in one cover addressed to **Principal, AFBBS, Lodhi Road, New Delhi-110003** with superscription on the cover as "**BID FOR INTERACTIVE FLAT PANEL FOR SMART CLASS AT THREE DELHI BASED AF SCHOOLS"** and send to Air Force Bal Bharati School, Lodhi Road, New Delhi-110003" on or before 1300 hrs on **06 JUN 2024**.
6. Tender forms can be downloaded from the School's website www.airforcebalbharatischool.in Please keep visiting our website for any corrigendum/ amendments which will not be notified again in newspaper and submit the bid documents accordingly. Completed application should be submitted to the office of the Administrative Officer of AFBBS. AFBBS accepts no responsibility for any loss/ delay/ non-receipt of offers not submitted in person. Offers received late/ incomplete will be summarily rejected.
7. The technical bid will be opened on **07 JUN 2024 at 1130 hrs** in the presence of the representatives of the Tenderers, if present.

Signature and seal of tenderer

8. The financial bids of only those Tenderers whose Technical Bids are recommended by Tender Committee will be intimated after evaluation and acceptance of the technical bids.
9. During the opening of the two-bid Tender the name of Tenderers who have submitted their offers along with details of Earnest Money Declaration Form will only be read out and no other information/details whatsoever, will be shared at this stage.
10. The offer of the Tenderer shall be valid for 3 (Three) months from the last date of submission of Tender/revised offer (if any).
11. In deciding upon the selection of contractors for the work, great emphasis will be put on the ability and competence of contractors to provide high quality services according to the time schedule and in close co-ordination with other agencies.
12. The Tender should be complete in all respects and should be duly signed. Late and delayed tenders due to any reason including postal delays shall not be considered at all. Offers sent through fax/ e-mail will not be accepted.
13. Hypothetical/ Conditional, Incomplete bid will not be entertained & will be summarily rejected. Please note that the bidder must quote for all the categories mentioned in the tender.
14. CMC AF Schools reserves the right to modify the conditions of the tender, at any time, without assigning any reasons for the same.
15. If the last date of receiving/ opening of the Tenders coincides with a holiday, then the next working day shall be receiving/opening date.
16. All tenderers are requested to read the tender document carefully including its terms and conditions, procedures to fill/sign the tender form and tender assessment criteria.
17. CMC AF Schools reserves the right to accept/reject any Tender in part or full, without assigning any reason whatsoever.

TECHNICAL BID PROFORMA

1. Name of the Firm :
2. Address :
3. Contact No. :
4. QRs (Supporting documents to be Annexed Mandatorily): -

(a)	Attested copy of Registration Certificate under ESI Act.	Yes/No
(b)	Attested copy of Registration Certificate under EPF Act.	Attached / Not Attached
(c)	Attested copy of GST certificate	Attached / Not Attached
(d)	PAN Card /GIR No. (The evidence for filing of IT return along with income and expenditure account and balance sheet for last three assessment years to be enclosed).	
(e)	Copy of registration certificate of the firm (proprietorship / Partnership / Society / co-operative society / MoA / limited liability partnership company incorporated under companies Act	Attached / Not Attached
(f)	Bank solvency certificate issued not earlier than 30 Nov 23 inter-alia stating that the account of firm is not under attachment by any court of Govt. Agency.	Attached / Not Attached
(g)	Details of EMD as required.	
(i)	Amount Rs.	
(ii)	DD No. and date	
(iii)	Valid upto	
(h)	E-mail Id Address	

5. COMPANY DETAILS

- (a) Company Name
- (b) Postal Address
- (c) Telephone No & E mail
- (d) Date of Incorporation
- (e) Type of Incorporation
- (f) Certification
- (g) GST No.
- (h) PAN No.
- (j) Was the Company Black Listed?

Note: - 4% (or as applicable from time to time) deduction of ESIC contribution will be on Labour Charges levied on payment to the vendors who are non-complaint with ESIC.

Signature and seal of tenderer

6. Details of Major Contracts with Central Government/State Government/PSUs/Reputed Firms during the last three years in the following format: -

S. No.	Details of Clients, along with address, telephone No & Fax No	Amount of Contract	Duration of Contract		Type of Project work accomplished
			From	To	
(a)					
(b)					
(c)					
(d)					
(e)					

Additional information, if any _____

DECLARATION

I hereby certify that the information furnished above is true and correct to the best of my / our knowledge. I understand that in case any deviation is found in the above statement at any stage, I/We will be blacklisted and will not have any dealing with the Department in future.

(Signature of Authorized Signatory with Date)

Signature and seal of tenderer

FINANCIAL BID PROFORMA - QUOTATION FOR SUPPLY & INSTALLATION OF INTERACTIVE FLAT PANEL FOR SMART CLASS at three Delhi based Air Force Schools {(A) Air Force Bal Bharati School(AFBBS), Lodhi Road (B) The Air Force School(TAFS), Subroto Park (C) Air Force Golden Jubilee Institute(AFGJI), Subroto Park, New Delhi}.

Interactive Flat Panel Required – 195 Nos.

QUOTATION FOR SUPPLY AND INSTALLATION OF INTERACTIVE FLAT PANEL(75 INCHES) OF SMART CLASS (TECHNICAL PARAMETERS OF FLAT INTERACTIVE PANEL)				
Category	Spec Attribute	Specifications	Unit Cost – 60 EMI	Taxes
Panel	Diagonal Size	75" Inch		
	Type	IPS		
	Aspect Ratio	16:9		
	Backlight	LED		
	Resolution	3840X2160		
	Refresh Rate	60 Hz		
	Brightness	450 nits or more		
	Dynamic Contrast Ratio	15,000:1		
	Viewing Angle(V/H)	178 degree		
	Buttons /Functions	Back Button; Source Button Home Button; Volume Up Button Volume Down Button; Power Button		
	Colors	1.07B(10 bits)		
	Life(MTBF)	≥120,000 hours		
	Glass Material	AG(anti-glare) tempered glass		
	Glass Tickness	4 mm		
	Glass Hardness	Min.Mohs 7		
Bonding	Zero Gap			
Connection / Ports	Front(Min)	HDMI2.0 in*1		
		USB TYPE-C*1		
		Public USB-A 3.0*3		
		Touch (type B)*1 (For HDMI)		
	Rear(Min)	Touch USB-B 3.0*1		
		RS232*1		
		USB2.0*1		
		Mic in(3.5mm)*1		
		TF card*1		
		USB *2		
		HDMI In*2		
		DP IN*1		
		WiFi with Built-Antenna (2.4 GHz +5GHz),Hotspot & Bluetooth		
		HDMI OUT*1		
		SDIF OUT*1		
		RJ45*2		
		Line out*1		

Signature and seal of tenderer

Category	Spec Attribute	Specifications		
Android	Version	Android 12 or above		
	CPU	Octa-Core		
	RAM	8GB or more		
	ROM	64GB or more		
Touch	Performance	Technology: Infrared; Minimum Touch Object:2mm; Touch Precision:2mm; Writing Precision: ±0.5mm; Resolution:32767*32767;		
	Points	Total 20 touch points or more		
	Tools	Fingers,pens,or other untransparent objects.		
	Compatibility	Windows XP/7/8/10/11; Linux; Chrome OS; Mac OS; Android		
	Features	Dual color writing, palm rejection		
	Light LUX	10240.0 LUX		
Speaker		20W*2+20W*1 Sub-Woofer		
Built-in Camera & Mic	Camera	13 MegaPixels		
	Microphone	8 Array Mic. Voice Pickup Range- 8 m		
Environmental Requirement		Operation temperature:0-40degree Celsius; Operation humidity:20%-80%RH		
Installation		Standard: wall mount		
Software Feature(should be of same OEM as of Display)		White boarding Software; Welcome Interface; Split Screen; Frozen Screen Small Tool; Widgets (Camera, Calendar, Screenshot, Voting, Countdown, Stopwatch,,Quick Pass) ; Custom Toolbar; Drive (Google and OneDrive); Theme Selection ,Screen Sharing Built in DMS with OEM's own complete IP and Source code, Software must be developed in India subject to audit. Ability to manage & maintain all deployed IFPs, including the functionality of: 1. Turn on/off the panel, 2. Change input/volume, 3. Broadcast message to the panel, 4. Remote monitoring of the panel desktop. 5. Get Powerful Insights and Analytics		
Provision of Resource Co-ordinator		One Resource Co-ordinator at each school (i.e. AFBBS,TAFS & AFGJI) for day to day operation of Interactive Flat Panel of Smart Class		
Date: Place:			Signature of Tenderer Name Seal	

Signature and seal of tenderer

FINANCIAL BID PROFORMA FOR BUY BACK OF EXISTING SMART CLASS HARDWARE at three Delhi based Air Force Schools {(A) Air Force Bal Bharati School(AFBBS), Lodhi Road (B) The Air Force School(TAFS), Subroto Park (C) Air Force Golden Jubilee Institute(AFGJI), SubrotoPark, New Delhi}.

BUY BACK OF EXISTING R SMARTCLASS HARDWARE AND ITS PERIPHERALS				
SL. NO.	Name of item	Technical	Qty	Unit Price of Buy back
1.	Smart Board	Model SB 480, Smart Tech board with white writing board-4'x4' with smooth non reflective surface in a combined Frame	195	
2.	PC Cabinet	Wall Mounted PC cabinet consisting – Intel Core i3 Processor, DOS/ LINUX, DDR3 RAM 2 GB, HDD 500 GB, Central Controller Unit with Single On/Off switch for controlling CPU etc. Concealed wiring, Document Camera/Visualizer. Built in microphone for voice recording, Adequate number of port for USB/VGA/Audio/LAN etc. Entire cabinet with lockable housing facility and separate keys for each cabinet, writing stylus Laser pointer.	195	
3.	Server	Servers of Intel R Xeon R E3-1200 v2 product family for Senior & Primary Wing of the school, (RAM Min 8GB, HDD Min 1 TB).	06	
4.	Projector	Short throw projector XGA with minimum 3000 lumens projector , with appropriate cover and hanging equipment.	195	
5.	Speakers	Integrated inbuilt speakers of good quality sufficient for a big class room.	195	
6.	UPS	1 KVA with cabinet for each PC and Server, UPS should be of Luminous or equivalent brand.	195	

Date:
Place:

Signature of Tenderer
Name
Seal

Signature and seal of tenderer

CERTIFICATE FOR ACCEPTANCE OF TENDER / UNDERTAKING

1. I/we the undersigned certify that I have gone through the terms and conditions mentioned in the bidding document and undertake to comply with them.
2. The rates quoted by me/us and binding upon me/us for the entire period of contract and it is certified that the rates quoted are the lowest as quoted in any other institution in India.
3. I/we give the rights to the competent authority of CMC AF Schools, to forfeit the Earnest Money/Security Money deposited by me/us in case of breach of conditions of contract.
4. I hereby undertake to provide the Replacement/Repair and Comprehensive Warranty as per the directions given in the tender document/contract agreement.

Signature of authorized person

Date:
Place:
(Office Seal of the bidder)

Designation

Signature and seal of tenderer

DECLARATION

1. I, _____ Son/Daughter of Shri _____ Proprietor / Partner Director / Authorized Signatory of _____ is / am competent to sign this declaration and execute this tender document.
2. I have carefully read and understood all the terms and conditions of the tender and hereby convey my acceptance of the same.
3. The information / documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I / we, am / are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

Signature of Authorized Person

Date:

Full Name:

Place:

Company's Seal:

N.B.: The above declaration, duly signed and sealed by the authorized signatory of the company, should be enclosed with Technical Bid.