

Tele Fax: 0181-2630776-
Army No : _____

REGD BY POST/BY HAND
Army Public School
MH Road
Jalandhar Cantt
Pin code – 144005

Case No : 101/Inv/CCTV/APS

2024

**INVITATION OF BIDS FOR “INSTALLATION OF CCTV CAMERAS
AT ARMY PUBLIC SCHOOL JALANDHAR CANTT**

Tender Enquiry (TE) No: 101/Inv/APS/CCTV/01/2023-24 dated 09 Feb 2024.

1. The sealed Bids under **Open Tender Enquiry (TWO BID System)** are invited by the Principal Army Public School Jalandhar Cantt for and on behalf of the Senior Patron of Army Public School, Jalandhar for supply of items listed in Part II of this RFP. The tender reference number is **101/Inv/APS/CCTV/01/2023-24** and can be viewed at www.apsjalandhar.com.

2. The address and contact numbers for sending physical documents or seeking clarifications regarding this RFP are given below:-

- (a) **Bids/queries to be addressed to:-** Principal Army Public School
MH Road, Jalandhar Cantt
- (b) **Postal address for sending the bids:-** Principal Army Public School
MH Road, Jalandhar Cantt
(Punjab)
PINCode-144005
- (c) **Telephone numbers of the contact personnel:-** 0181-2630776
- (d) **Details of Contact Officer for Tender Queries:-**
Project Officer
Army Public School, Jalandhar Cantt
Tele No: 0181-2630776
E-Mail ID- apsjalandharcantt@gmail.com
- (e) **Details of Contact Officer for Technical Queries:-**
Project Officer
Army Public School, Jalandhar Cantt
Tele No: 0181-2630776
E-Mail ID- apsjalandharcantt@gmail.com

3. **This RFP is divided into four 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 items/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 with the successful Bidder.

(d) Part IV – Contains Special Conditions applicable to this RFP and which will also form part of the contract with the successful Bidder.

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

()
Lt Col/Maj
Presiding Officer, Purchase Committee
For APS Jalandhar Cantt

PART I – GENERAL INFORMATION

1. **Manner of Depositing the Bids.** The bids will be submitted in the following manner:-

(a) **Physical bid** The original (of the following documents) shall be submitted physically in the sealed tender box prior to bid submission end date, in an sealed envelope duly marked with Tender ID along with a covering letter under company letter head.

- (i) EMD instruments as per Para 13 Part-I of RFP.
- (ii) DD for Tender fee. The crossed demand draft/IPO of **Rs 500/- (Rupees five hundred only)** should be in favour of **Public Fund Army Public School, Jalandhar Cantt** payable at Jalandhar Cantt. DD should be valid for minimum of 3 months.
- (iii) Technical documents as mentioned at Para 1 (b) below will also be submitted physically.

(b) **Technical Bid (Cover-I).** Cover-I will contain the **Technical Bids** consisting of following:-

- (i) Certificate (To be submitted with Technical Bid)- **Appendix A**
- (ii) Performance Bank guarantee. - **Appendix B**
- (iii) EMD Bank Guarantee format. - **Appendix C**
- (iv) Registration certificate of the firm.
- (v) Dealer ship certificate.
- (vi) ISO compliance of OEM and the Bidding Firm.
- (vii) Certificate of firm's registration for GST.
- (viii) PAN No (Enclosed copy of PAN card duly stamped).
- (ix) Vendor to quote only one make / model for each item.
- (x) Acceptance of Terms & Conditions of tender attached - **Appendix D.**
- (xi) Technical Specification compliance chart attached - **Appendix E.**
- (xii) Additional Charges/discounts - **Appendix F.**
- (xiii) Commercial Bid Format - **Appendix G.**

(c) **Commercial Bid (Cover-II).** Commercial bid packet will be submitted as Cover II and will consist of following:-

- (i) Commercial bid in the form of “**BOQ**” (Bill of Quantities).
- (ii) Scanned copy of “Additional Charges/Discounts” containing details of items with **financial implications** on the bid. The format of the same is att as (**Appendix ‘F’**).

2. **Time and date for Opening of Bids.** **19 February 2024 at 1100 Hrs.**(If due to any exigency, the due date for opening of the Bids is declared a closed holiday, the Bids will be opened on the next working day at the same time or on any other day/time, as intimated by the Buyer).

3. **Location of Tender Box.** The tender Box will be kept in the Visitor’s Room of **Army Public School, MH Road Jalandhar Cantt.** Following guidelines may be followed while submitting the documents.

- (a) The physical receipt of specified documents at para 1 (a) shall be mandatory prior to bid opening.
- (b) The non-receipt of the physical document shall render non-acceptance of the tech bid.
- (c) Only those document specified in the tender document and are found in the tender box will be opened.
- (d) Bids dropped in the wrong Tender Box will be rendered invalid.
- (e) No post-bid clarification on the initiative of the bidder will be entertained.

4. **Opening of the Bids.** The physical verification of tender document will be done at **Army Public School, MH Road Jalandhar Cantonment.** The bidders may depute their representatives, duly authorized in writing to attend the opening on the due date and time.

5. **Opening of Two Bid System.**

(a) The Technical Bids shall be opened as per critical date sheet mentioned in this tender document. The evaluation of technical Bid will be carried out off-line and the results of the evaluation will be uploaded on the Army Public School’s website(<https://www.apsjalandhar.com>). Decision of School Mmanagement/ Purchase Committee BOO for opening of Bids shall be final and bounding in this regard.

(b) The Commercial Bids of only those Bidders whose technical bids meet all the stipulated (Technical) requirements shall be opened. The date of opening will be intimated to the Bidders through **Army Public School’s website** (<https://www.apsjalandhar.com>).

6. **Forwarding of Bids.**

(a) The documents specified in Para 1 (b) to be deposited physically also and will be dropped in the sealed tender box. The physical receipt of these documents is mandatory. **The technical bids shall not be accepted if these documents are not received prior to bid opening.**

(b) The **TECHNICAL** bid will be submitted offline as mentioned in Para 6 (a) above.

(c) The **COMMERCIAL** bid will be submitted physically in school's Tender Box placed at Visitors room Army Public School Jalandhar Cantt

(d) **The TECHNICAL BID and the COMMERCIAL BID should be submitted by the bidder duly signed by the legal owner of the firm or the person auth by him to do so.** The Commercial Bid Format is as given **at Appendix 'H'**. Bidders are required to fill this up correctly with full details.

7. **Clarification regarding Contents of the RFP.** A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify to the Buyer in writing about the clarifications sought not later than **05 (five)** days prior to the date of opening of the Bids. Copies of the query and clarification by the purchaser will be uploaded as corrigendum for all prospective bidders who have received the bidding documents.

8. **Modification and Withdrawal of Bids.**

(a) No bid shall be modified after the deadline for submission of bids.

(b) No bid may be withdrawn in the interval between the deadline for submission of bids and expiry of the period of the specified bid validity. Withdrawal of a bid during this period will result in forfeiture of Bidders/ EMD.

9. **Clarification Regarding Contents of the Bids.** During evaluation and comparison of bids, the Buyer 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 prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.

10. **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.

11. **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.

12. **Validity of Bids.** The Bids should remain valid for a period of **90 days** from the last date of submission of the Bids.

13. **Earnest Money Deposit.** Bidders are required to submit Earnest Money Deposit (EMD) for amount of **Rs 10,000/-(Rupees Ten thousand only)** along with their bids. The EMD may be submitted in the form of an Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the public sector banks or a private sector bank. **EMD is to remain valid for a period of 60 days beyond the final bid validity periods.** 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, after the receipt of Performance Security from them as called for in the contract. **EMD is not required to be submitted by those Bidders who are registered for the same item range of products/goods or services with the Central Purchase Organization, National Small Industries Corporation (NSIC) or MoD itself.** 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. **EMD to be issued in favour of Principal Army Public School, Jalandhar Cantt payable at Jalandhar Cantt.**

Note:-Bidders who are registered with the Central Purchase Organization, National Small Industries Corporation (NSIC) or MoD itself are requested to fwd **Proof of Registration** along with the Technical bid. Without this proof, the bid (without EMD) shall declared technically invalid.

PART II – ESSENTIAL DETAILS OF ITEMS/SERVICES REQUIRED

1. **Schedule of Requirements.** List of items / services required are as follows:-

S. No	Nomenclature of items	A/U	Qty	Remarks
(a)	IP 2MP Dome Camera (Built in Microphone) Color/Hybrid	Nos	45	
(b)	IP 2MP Bullet Camera (Built in Microphone) Color/Hybrid	Nos	55	
(c)	NVR 4K 32 Channel with 2-Sata (15 x Digital Zoom)	Nos	4	
(d)	4 TB Hard drive surveillance grade purple	Nos	4	
(e)	8 PORT Gigabyte POE switch	Nos	17	
(f)	24 Port gigabyte Ethernet switch	Nos	1	
(g)	8 Port Gigabyte Ethernet switch	Nos	3	
(h)	Weather proof enclosure box with water logging rubber (5*5)	Nos	100	
(j)	Cat 6 Cable drum 305 Mtr	Nos	27	
(k)	4U Rack loaded	Nos	17	
(l)	CCTV Pole : 15 Ft	Nos	1	
(m)	Installation with pipe fitting (layout of Cat 6, RJ 45 Pipe, Bend, Junction T, Sheedal Camera, Numbering chart (Frull) All other required accessories as per satisfaction of Project Engineer)	Nos	100	

2. **Scope of Work.** Installation of CCTV cameras network alongwith supply of items at Army public School Jalandhar Cantt.

3. **Technical Details.**

- (a) **Specifications/drawings, as applicable.** Yes. As per **Appendix 'E'**
- (b) **Technical details with technical parameters.** Technical Specification of above mentioned items are enclosed as **appendix 'E'** to this RFP.
- (c) **Requirement of training/on-job training.** NA
- (d) **Requirement of installation/commissioning.** Installation of all equipment and accessories at locations as specified by Principal, Army Public School, Jalandhar Cantt to the vendor will be completed within **45 Days from the date of signing of Contract agreement.**
- (e) **Requirement of Factory Acceptance Trials (FAT), Harbor Acceptance Trails (HAT) and Sea Acceptance Trials (SAT).** NA

(f) **Requirement of Technical documentation.** Technical literature and Manuals of all the equipments being procured is required to be provided by the vendor.

(g) **Nature of assistance required after completion of warranty.** Not required.

(h) **Requirement of pre-site/equipment inspection.**

(i) Since the layout of the installation site cannot form part of the RFP due to security reasons, it is **Mandatory** for the bidder to carry out pre inspection of the site before submission of bids, in order to carry out correct assessment of the items required for supply and installation to avoid any conflict.

(ii) 100% stores will be subject to physical inspection by a Board of Offrs detailed by the purchaser to ascertain that they conform to the samples/specifications as laid down in the Contract. Authorized Representative of the firms will be present during inspection. In case the stores are not found to be conforming to the laid down samples/specifications, the authorized representative of the firm will be intimated by the checking Board of officers *in situ*. The defective stores will be removed and replaced by the stores of the correct specifications by the supplier at his own expense within a period of **07 days** of inspection. In case of any dispute, decision of the purchaser will be final and binding.

4. **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 in the following format along with Technical Bid:-

TEC FORMAT

S. NO	Specification of Item Offered	Compliance to RFP Specification Whether Yes/No	In case of non compliance, Deviation from RFP to be specified in unambiguous terms

Note: TEC Format to form a part of the tender documents to provide for transparent technical evaluation.

5. **Delivery Period.**

(a) Delivery of stores within **30 days** of signing of the contract agreement.

(b) Installation, Commissioning, and Acceptance Testing within **45 days** from the date of signing of contract.

(c) 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.

6. **INCOTERMS for Delivery and Transportation.**

(a) The vendor shall be responsible for the safe delivery of the stores at the consignee's end and transit damage if any shall be promptly attended by him.

(b) Free delivery at consignee's place.

7. **Consignee details.**

The Principal
Army Public School
MH Road, Jalandhar Cantonment (Punjab)
PIN-144005

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. Seller in the Contract) as selected by the Buyer. 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. **Non-Disclosure of Contract Documents.** Except with the written consent of the Buyer/ Seller, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party. The vendor will certify that all military information and data available to him as a part of the project will remain the exclusive property of **Principal, Army Public School Jalandhar Cantonment** and will not be disclosed to any person not authorized by **Army Public School Jalandhar Cantonment**. Failure to comply with this clause will make the vendor liable to action as per law.

3. **Liquidated Damages.** In the event of the Seller's 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 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 project. Thereafter the BUYER will have the right to terminate the Contract in case of such delay beyond ten weeks, and the buyer would have the option to buy the hardware and software from the market at the bidder's risk and cost. The mode and method of such risk purchase would be at the total discretion of the **Principal, Army Public School Jalandhar Cantonment**.

4. **Goods and Services Tax (GST).**

(a) **General.**

(i) Bidders must indicate separately the GST or any other Tax likely to be paid in connection with delivery of completed goods specified in RFP. In absence of this, the total cost quoted by them in their commercial bids will be taken into account in the ranking of bids.

(ii) If a Bidder is exempted from payment of GST or any other Tax upto any value of supplies from them, he should clearly state that no such GST or any other Tax will be charged by them up to the limit of exemption which they may have. If any concession is available in regard to rate/quantum of GST or any other Tax, it should be brought out clearly. In such cases, relevant certificate will be issued by the buyer later to enable the seller to obtain exemptions from taxation authorities.

(iii) Any changes in GST or any other Tax levied by Central/ State/ Local government on final product upward as a result of any statutory variation taking place within contract period shall be allowed reimbursement by the buyer to the extent of actual quantum of such GST or any other Tax paid by the seller. Similarly, in case of reduction of such GST or any other Tax shall be reimbursed to the buyer by the seller. All such adjustments shall include all reliefs,

exemptions, rebates, concession etc, if any, obtained by the seller. Section 64-A of sales of goods Act will be relevant in this situation.

(iv) GST or any other Tax levied by Central/ State/ Local governments on final product will be paid by the buyer on actual, based on relevant documentary evidence. GST or any other Tax on input items will not be paid by the buyer and they may not be indicated separately in the bids. Bidders are required to include the same in the pricing of their product.

(b) If it is desired by the Bidder to ask for GST or any other Tax 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 or any other tax and no liability of any tax will be developed upon the Buyer.

(c) On the Bids quoting GST or any other Tax extra, the rate and the nature of GST or any other Tax applicable at the time of supply should be shown separately. GST or any other Tax will be paid to the Seller 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 or any other Tax and the same is payable as per the terms of the contract.

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. Seller in the Contract) as selected by the Buyer. Failure to do so may result in rejection of Bid submitted by the Bidder.

1. **Performance Guarantee.** The bidder will be required to furnish a Performance Guarantee by way of Bank Guarantee through a public sector bank or a private sector bank authorized to conduct government business (ICICI Bank Ltd., axis Bank Ltd or HDFC Bank Ltd.) for a sum equal to three **(3%)** of the contract value within **30 days** of receipt of the confirmed order. Performance bank Guarantee should be valid up to **60 days** beyond the date of warranty.

(a) The Performance Bank Guarantee (PBG) must be valid for the entire period of contract plus **two months** and will be retained for the duration of warranty period.

(b) The PBG will be returned to the supplier on successful completion of all the obligations under the contract.

(c) In case the execution of the contract is delayed beyond the contracted period and the purchaser, with or without Liquidated Damages (LD), grants extension to delivery period the supplied must get the Bank Guarantee (BG) revalidated if not valid already.

(d) In the event of breach or of default in all or any of the condition set for forth this contract the purchaser may take and forfeit to itself any part thereof or the who amount of indemnity in respect of loss or damages or inconvenience caused be reason of breach or default.

(e) Action set for in Para above shall not in any way affect limit or extinguish an remedy or relief to which the purchaser may at any time be lawfully entitled against the supplier and the above actions shall not be deemed to relieve the supplier from any suit proceedings or prosecution to which he may be liable under any law for time being in force in respect of anything done or omitted by him at any time

2. **Payment Terms.** It will be mandatory for the Bidders to indicate their bank account numbers and other relevant payment details so that payments could be made through ECS/EFT mechanism instead of payment through cheques, wherever feasible. Payment will be made after the proper installation/Inspection by the board of officers.

3 **Schedule of Payments.** :- The schedule of payments will be as under :-

(a) 30% of payment after completion of 40% of work.

(b) 30% of payment after completion of 80% of work.

(c) 40% of payment after completion of 100% of work with recommendation of the bd.

4. **Paying Authority.** Army Public School Jalandhar Cantonment PIN-144005 through ECS (Electronic Clearing Service). The payment of bills will be made on submission of the following documents by the Seller to the Paying Authority along with the bill:

- (a) Ink-signed copy of Commercial invoice / Seller's bill.
- (b) Guarantee/ Warranty certificate.
- (c) Details for electronic payment via 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).
- (d) Any other document/ certificate that may be provided for in the Supply Order/ Contract.
- (e) **e-way bill** for the items supplied to Army Public School, Jalandhar Cantt.

5. **Warranty.** The following Warranty 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) Seller will provide free on site comprehensive warranty for all the hardware/ components/Accessories/cables and connectors etc for a period of **36 months Comprehensive warranty on Camera Products (Camera, NVRs, Switches, Hard Disk) and 1 Year warranty on other goods & Installation (Cable, Pole etc) from the date of ATP on completion of project**, after the date of acceptance of stores by Joint Receipt Inspection or date of installation and commissioning, whichever is later, that the goods/stores (hardware/Software) supplied under the contract and each component used in the manufacture thereof shall be provided free from all types of defects/failures.
- (c) During the warranty period all warranty benefits recd by the vendor from the OEM, for any hardware and Software pertaining to third parties will be passed on in to the buyer.

6. **The Purchasing/Accepting Officer.** The Senior Patron of Army Public School, Jalandhar Cantonment is the purchaser. The purchaser has the sole discretion to accept or reject any tender without assigning any reason.

7. Once the supply order has been placed, it will be the vendor's responsibility to complete the project in all respects.

"Certified that all terms and conditions as laid in the tender enquiry and anywhere else in the tender are accepted by the company".

8. Please ensure that this is your best and final offer.

Appendix 'A'

(Refer RFP para 1(b) (i) of Part I)

CERTIFICATE
(TO BE SUBMITTED WITH TECHNICAL BID)

1. We have gone through the complete tender document and there is no ambiguity in our mind. We have signed on all pages of the tender document and the same is enclosed with our technical bid. Our representative has visited the site and the proposed complete system layout diagram and bill of material for installation is attached with the technical bid.
2. Photocopies of the following documents are enclosed and originals will be produced during Technical Evaluation Committee (TEC), if called for:-
 - (a) OEM/Dealership Cert from OEM for hardware and commercial software.
 - (b) GST Registration Cert.
 - (c) PAN of the firm.
 - (d) ISO Certificate.
3. The certificate will be provided for each OEM separately.
4. The complete hardware and software will be subjected to an acceptance testing procedure to test individual components and also its composite working. The details of the procedure will be worked out jointly between the vendor and the purchaser/user before the finalisation of the contract. The specifications of the equipment will be in conformity with the details provided by the user and as per the given specifications. The user will issue acceptance certificate on successful completion of acceptance testing and the stipulated training. The date of issuing the acceptance certificate would be deemed to be the date on which the warranty will commence.
5. We shall provide onsite comprehensive warranty of **Three years** from the date of satisfactory completion of the acceptance tests.
6. We confirm that we will abide by the delivery schedule as laid out in the Tender Enquiry.
7. The vendor will deposit a performance bank guarantee equal to three percent (3%) of the total project cost will be furnished within 15 days of signing of contract agreement. A banker's cheque equal to **Performance Bank Guarantee (PBG) amount** without date will be attached alongwith PBG.

Company Seal

(Authorized Signatory of Company)

Date:

Appendix 'B'

(Refer RFP para 1 (b) (ii) of Part I)

PERFORMANCE BANK GUARANTEE FORMAT

From:
 Bank _____
 To,
 Army Public School
 Jalandhar Cantt

Dear Sir,

Whereas you have entered into a contract No, _____ dated _____ (hereinafter referred to as the said Contract) with M/s _____ hereinafter referred to as the "seller" for supply of goods as per Part-II of the said contract to the said seller and whereas the seller and whereas the seller has undertaken to produce a bank guarantee for three (3%) of total Contract value amounting to _____ to secure its obligations to the President of India. We the _____ bank here by expressly, irrevocably and unreservedly undertake and guarantee as principal obligors on behalf of the seller that, in the event that the President of India declares to us that the goods have not been supplied according the Contractual obligations under the aforementioned contract, we will pay you, on demand and without demur, al and any sum up to a maximum of _____ Rupees _____ only your written demand shall be conclusive evidence to us that such repayment t is due under the terms of the said contract. We undertake to effect payment upon receipt of such written demand.

2. We shall not be discharged or released from this undertaking and guarantee by any arrangements, variations made between you and the seller, indulgence to the seller by you, or by any alteration in the obligations of the seller or by any forbearance whether as to payment, time performance or otherwise.

3. In no case shall the amount of this guarantee be increased.

4. This guarantee shall remain valid for **60 days beyond the date of warranty** or until all the store, spares and documentation have been supplied according to the contractual obligations under the said contract.

5. Unless a demand or claim under the guarantee is made on us in writing or on before the aforesaid expiry date as provided in the above referred contract or unless the guarantee is extended by us, all your rights under this guarantee shall be forfeited and we shall be discharged from the liabilities hereunder.

6. This guarantee shall be a continuing guarantee and shall not be discharged by _____ and change in the constitution of the Bank or in the constitution of M/s _____

(Signature of the authorized officer of the bank)
 Name and designation of the officer
 Seal, name & address of the Bank and address of the Branch.

Appendix 'C'

(Refer RFP para 1 (b) (iii) of Part I)

EMD BANK GUARANTEE FORMAT

Whereas _____(hereinafter called the "Bidder") has submitted their offer dated _____for the supply of _____(hereinafter called the "Bid") against the Buyer's request for proposal No- _____ Know all men by these presents that WE _____of _____having our registered office at _____ are bound unto _____(hereinafter called the "Buyer") in the sum of _____for which payment will and truly of be made to the said Buyer, the Bank binds itself, its successors and assigns by these presents.

Sealed with the common seal of the said Bank this _____day of _____2024_____the conditions of obligations are_____

(1) If the Bidder withdraws or amends, impairs or derogates from the Bid in any respect within the period of validity of this tender.

(2) If the Bidder having been notified of the acceptance of his tender by the Buyer during the period of its validity

(a) If the Bidder fails to furnish the Performance Security for the due performance of the contract.

(b) Fails or refuses to accept/execute the contract.

WE undertake to pay the Buyer up to the above amount upon receipt of its first written demand, without the Buyer having to substantiate its demand, provided that in its demand the Buyer will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force upto and including 12 Months after the period of tender validity and any demand in respect thereof should reach the bank not later than the above date.

(Signature of the authorized officer of the bank)

Name and designation of the officer

Seal, name & address of the Bank and address of the Branch.

Appendix 'D'
(Ref para 1 (b) (x) of part I of RFP)

ACCEPTANCE OF LETTER TENDER TERMS & CONDITIONS

(To be given on Company Letter Head)

Date:

To,

SUBJECT: ACCEPTANCE OF TERMS & CONDITIONS OF TENDER

Tender Reference No: _____

Name of Tender/Work:-

Dear Sir,

1. I/We have downloaded / obtained the tender document (s) for the above mentioned 'Tender / Work' from the web site (s) namely: _____ as per your advertisement, given in the above mentioned website(s).

2. I/We hereby certify that I / we have recd entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc.), which from part of the contract agreement and I/we shall abide hereby the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department / organizations too have also been taken into consideration, while submitting this acceptance letter.

4. I/We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totally / entirely.

5. The documents and enclosures as submitted in physical form as mentioned in para 7 of part I of RFP is the true copy of the documents uploaded on the Central Public Procurement Portal (<https://eprocure.gov.in/eprocure/app>).

6. In case any provisions of this tender are found violated, you department / organization shall be at liberty to reject this tender/bid including the forfeiture of the full said Earnest Money Deposit absolutely and we shall not have any claim/right against deptt in satisfaction of this condition.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Appendix 'E'

(Refer to para 1 (b) (xi) of RFP Part I)

**TECHNICAL BID FORPURCHASE OF INSTALLATION OF CCTV CAMERAS
AT ARMY PUBLIC SCHOOL JALANDHAR CANTT**

Principal
Army Public School
Jalandhar

Dear Sir,

1. Ref your letter No _____ dated _____.
2. We hereby submit our technical bid in response to your above quoted letter.

S. No	Specification of Item Offered		Compliance to RFP Specification Whether Yes/No	In case of non compliance, Deviation from RFP to be specified in unambiguous terms
1.	<u>IP 2MP DOME Camera</u>			
	(a)	Camera Image Sensor - 1/2.9" Progressive Scan CMOS Max. Resolution - 1920 × 1080 Shutter Time - 1/3 s to 1/100,000 s Min. Illumination - Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Day & Night - IR cut filter Angle Adjustment - Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°		
	(b)	Lens Lens Type - Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV - 2.8 mm, horizontal FOV 103°, vertical FOV 56°, diagonal FOV 121° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 99° Lens Mount - M12 Iris Type - Fixed Aperture – F16		
	(c)	DORI 2.8 mm, D: 45 m, O: 18 m, R: 9 m, l: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, l: 5 m		

(d)	Illuminator	Supplement Light Type - IR, White Light		
		Supplement Light Range - IR: up to 30 m		
		White Light: up to 20 m		
		Smart Supplement Light - Yes		
		IR Wavelength - 850 nm		
(e)	Video	Main Stream - 50 Hz: 25 fps (1920 × 1080, 1280 × 720)		
		60 Hz: 30 fps (1920 × 1080, 1280 × 720)		
		Sub-Stream - 50 Hz: 25 fps (640 × 480, 640 × 360)		
		60 Hz: 30 fps (640 × 480, 640 × 360)		
		Video Compression - Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG		
		Video Bit Rate - 32 Kbps to 8 Mbps		
		H.264 Type - Baseline Profile, Main Profile, High Profile		
		H.265 Type - Main Profile		
		Bit Rate Control - CBR, VBR		
		Region of Interest (ROI) - 1 fixed region for main stream		
(f)	Audio	Audio Type - Mono sound		
		Environment Noise Filtering - Yes		
		Audio Sampling Rate - 8 kHz/16 kHz		
		Audio Compression - G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC		
		Audio Bit Rate - 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)		
(g)	Network	Security - Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE		

		and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)		
		Simultaneous Live View - Up to 6 channels		
		API - Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)), ISAPI, SDK		
		Protocols - TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP		
		User/Host - Up to 32 users 3 user levels: administrator, operator, and user		
		Web Browser - Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+		
(h)	Image	Wide Dynamic Range (WDR) - Digital WDR		
		SNR - ≥ 52 dB		
		Day/Night Switch - Day, Night, Auto, Schedule		
		Image Settings -Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser		
		Privacy Mask - 4 programmable polygon privacy masks		
(j)	Interface	Ethernet Interface - 1 RJ45 10 M/100 M self-adaptive Ethernet port		
		On-Board Storage - Built-in memory card slot, support microSD/ microSDHC/ microSDXC		

		card, up to 256GB		
		Built-in Microphone - Yes		
(k)	Event	Basic Event - Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception		
		Linkage - Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture		
(l)	General	Power -12 VDC \pm 25%, 0.4 A, max. 5 W, \varnothing 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max: 6.5 W		
		Startup and Operating Conditions : -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
		General Function - Heartbeat, anti-banding, mirror, password protection, password reset via email		
2.	IP 2MP FIXED BULLET Camera			
(a)	Camera	Image Sensor - 1/2.9" Progressive Scan CMOS		
		Max. Resolution - 1920 x 1080		
		Shutter Time - 1/3 s to 1/100,000 s		
		Min. Illumination - Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR		
		Day & Night - IR cut filter		
		Angle Adjustment - Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°		
(b)	Lens	Lens Type - Fixed focal lens, 2.8 and 4 mm optional		
		Focal Length & FOV - 2.8 mm, horizontal FOV 103°, vertical FOV 56°, diagonal FOV 121° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 99°		

		Lens Mount - M12		
		Iris Type - Fixed		
		Aperture – F16		
(c)	DORI	2.8 mm, D: 45 m, O: 18 m, R: 9 m, l: 4 m		
		4 mm, D: 56 m, O: 22 m, R: 11 m, l: 5 m		
(d)	Illuminator	Supplement Light Type - IR, White Light		
		Supplement Light Range - IR: up to 30 m		
		White Light: up to 20 m		
		Smart Supplement Light - Yes		
		IR Wavelength - 850 nm		
(e)	Video	Main Stream - 50 Hz: 25 fps (1920 × 1080, 1280 × 720)		
		60 Hz: 30 fps (1920 × 1080, 1280 × 720)		
		Sub-Stream - 50 Hz: 25 fps (640 × 480, 640 × 360)		
		60 Hz: 30 fps (640 × 480, 640 × 360)		
		Video Compression - Main stream: H.265+/H.265/H.264+/H.264,		
		Sub-stream: H.265/H.264/MJPEG		
		Video Bit Rate - 32 Kbps to 8 Mbps		
		H.264 Type - Baseline Profile, Main Profile, High Profile		
		H.265 Type - Main Profile		
		Bit Rate Control - CBR, VBR		
	Region of Interest (ROI) - 1 fixed region for main stream			
(f)	Network	Security - Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)		
		Simultaneous Live View - Up to 6 channels		
		API - Open Network Video Interface (Profile S, Profile T, Profile G (only -F model		

		supports)), ISAPI, SDK		
		Protocols - TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP		
		User/Host - Up to 32 users 3 user levels: administrator, operator, and user		
		Web Browser - Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+		
(g)	Image	Wide Dynamic Range (WDR) - Digital WDR		
		SNR - ≥ 52 dB		
		Day/Night Switch - Day, Night, Auto, Schedule		
		Image Settings -Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser		
		Privacy Mask - 4 programmable polygon privacy masks		
(h)	Interface	Ethernet Interface - 1 RJ45 10 M/100 M self-adaptive Ethernet port		
		On-Board Storage - Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256GB		
		Built-in Microphone - Yes		
(j)	Event	Basic Event - Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception		
		Linkage - Upload to FTP/memory card (-F), send email, notify		

		surveillance center, trigger recording (-F), trigger capture		
(k)	General	Power -12 VDC \pm 25%, 0.4 A, max. 5 W, \varnothing 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max: 6.5 W		
		Startup and Operating Conditions : -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
		General Function - Heartbeat, anti-banding, mirror, password protection, password reset via email		
3.	<u>NVR 4K 32 CH</u>			
(a)	Intelligent Analytics	AI by Device- Facial recognition, perimeter protection, motion detection 2.0		
		AI by Camera - Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection 2.0, VCA		
(b)	Facial Recognition	Facial Detection and Analytics- Face picture comparison, human face capture, face picture search		
		Face Picture Library - Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture \leq 4 MB, total capacity \leq 1 GB)		
		Facial Detection and Analytics Performance - 1-ch, 8 MP		

		Face Picture Comparison - 4-ch face picture comparison alarm		
(c)	Motion Detection 2.0	By Device - All channels, up to 4 MP (when enhanced SVC mode is enabled, up to 8 MP)		
		By Camera - All channels		
(d)	Perimeter Protection	By Device - Up to 2-ch 4 MP (HD network camera, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm		
		By Camera - All channels		
(e)	Video and Audio	IP Video Input - 32-ch		
		Incoming Bandwidth - 256 Mbps		
		Outgoing Bandwidth - 160 Mbps		
		HDMI Output - 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
		VGA Output - 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
		Audio Output - 1-ch, RCA (Linear, 1 KΩ)		
		Two-Way Audio - 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)		
(f)	Decoding	Decoding Format - H.265/H.265+/H.264+/H.264		

		Recording Resolution - 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
		Synchronous playback - 16-ch		
		Decoding Capability - AI on: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps) AI off: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p (30 fps)		
		Stream Type - Video, Video & Audio		
		Audio Compression - G.711ulaw/G.711alaw/G.722/G.726/AAC		
(g)	Network	Remote Connection - 128		
		API - ONVIF (profile S/G); SDK; ISAPI		
		Compatible Browser - IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version		
		Network Protocol - TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS		
		Network Interface - 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces		
(g)	Auxiliary Interface	SATA - 4 SATA interfaces		
		Capacity - Up to 10 TB capacity for each HDD		
		Serial Interface - 2 RS-485 (half-duplex), 1 RS-232		
		Alarm In/Out - 16/4 (16/9 is		

		optional)		
		USB Interface - Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0		
(h)	General	Power Supply - 100 to 240 VAC, 50 to 60Hz		
		Consumption - ≤ 20 W (without HDD)		
		Working Temperature - -10 °C to 55 °C (14 °F to 131 °F)		
4	<u>4 TB Hard drive surveillance grade purple</u>			
(a)	Capacity	4TB		
(b)	Form Factor	3.5-Inch		
(c)	Connector	SATA		
(d)	Compatibility	Up to 64 HD cameras		
		Up to 16 drive bays		
		All Frame firmware technology		
(e)	Transfer Rate	up to 175MB/s		
(f)	Disk Speed (RPM)	5400 RPM		
(g)	Recording Technology	CMR		
(h)	Cache Size	64MB		
(j)	Operating Temperature	0°C to 65°C		
(k)	Non-Operating Temperature	-40°C to 70°C		
5.	<u>24 Port gigabyte Ethernet switch</u>			
(a)	Network	Port number - 24		
		Port type - 10/100/1000 Mbps RJ45 ports		
		Standard - IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab		

		Forwarding mode - Store and forward		
		Switching capacity - 48 Gbps		
		Packet forwarding rate - 14.880 Mpps		
(b)	General	Shell - ABS		
		Operating temperature - 0°C~40°C		
		Storage temperature - -40°C~70°C		
		Power Supply - 9 V DC, 0.6 A		
6.	<u>8 Port Gigabit Ethernet switch</u>			
(a)	Network	Port number - 8		
		Port type - 10/100/1000 Mbps RJ45 ports		
		Standard - IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab		
		Forwarding mode - Store and forward		
		Switching capacity - 16 Gbps		
		Packet forwarding rate - 11.904 Mpps		
(b)	General	Shell - ABS		
		Operating temperature - 0°C~40°C		
		Storage temperature - -40°C~70°C		
		Power Supply - 9 V DC, 0.6 A		
7.	<u>8-Port Gigabit Unmanaged PoE Switch</u>			
(a)	Network Parameters	Ports - 8 x Gigabit PoE ports, 1 x Gigabit RJ45 port, 1 x Gigabit SFP fiber optical port		
		Port type - RJ45 port, full duplex, MDI/MDI-X adaptive		
		Standard - IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z		

	Forwarding Mode - Store-and-forward switching		
	MAC address table - 4 K		
	Switching capacity - 20 Gbps		
	Packet forwarding rate - 14.88 Mpps		
	Internal cache - 1.5 Mbits		

(b)	PoE power supply	PoE standard - IEEE 802.3af, IEEE 802.3at		
		PoE power pin - Ethernet cable 1/2/3/6 should provide power supply.		
		Max. port power - 30 W		
		PoE power budget - 58 W		
		Max. power consumption - 65 W		
(c)	General	Shell - Metal material, no fan equipped.		
		Operating temperature - 10 °C to 55 °C (14 °F to 131 °F)		
		Storage temperature - -40 °C to 85 °C (-40 °F to 185 °F)		
		Power supply - 48 VDC, 1.35 A		
		Power consumption in idle – 7W		
8.	<u>Weather proof enclosure box with water logging rubber (5*5)</u>			
(a)	IP 65			
(b)	Made in India			
(c)	Premium grade ABS			
(d)	5 kg weight load bearing			
9.	<u>UTP Cat 6 cable</u>			
(a)	For Data Centre Applications			
(b)	High bandwidth upto 600 MHz			
(c)	4 Pair 23 AWG			
(d)	Available in LSZH jacket			
(e)	High speed transmission of Voice, Video and Data on LAN			
(f)	Complies to ANSI/TIA-568-C.2			

10.	4U Network Enclosure Rack loaded		
(a)	Construction : Welded Frame		
(b)	Front Door : Front Glass Door with Lock		
(c)	Mount Size : 4U x 500 W x 400 D Basic		
(d)	Frame : Steel		
(e)	Color : Grey		
(f)	Static Load : 20 Kgs		
(g)	Rails : 2 pairs of 19 inch Mounting Rails		
11.	CCTV Pole : 15 Ft, Galvanized, With Accessory to fit Min 03 Cameras.		

Notes:-

1. Comments must be offered on each QR mentioned above. No QR should be left blank.
2. The above points are not exhaustive. This project includes “**Installation of CCTV Cameras network alongwith supply of items at Army Public School Jalandhar Cantt**” and the integration of the complete system. Any item of work/equipment not specifically mentioned, but considered essential for completion of the work in all respect shall be deemed to be included in the scope of the work of the successful vendor.
3. Technical literature must be included to support the technical compliance.
4. The terms and conditions as mentioned in tender enquiry letter referred to above have been carefully read by me/us and are accepted by the company and we will abide by them.
5. All certificates be duly stamped, sealed and signed, name and designation of signatories to be mentioned.

Place :

Company Seal

Date:

(Authorised Signatory of Company)

Appendix 'F'

(Ref para 1 (b) (xii) & Para 1(c) (ii) Part I of RFP)

ADDITIONAL CHARGES/DISCOUNTS

It is hereby certified that no Additional Charges Levied or Any Discounts Offered from the prices quoted in the enclosed BOQ, which will have financial implication on the bid value quoted by me.

The following additional Charged Levied/Discounts Offered over and above the prices quoted in the BOQ which will have financial implication on the bid value quoted by me.

- (i)
- (ii)
- (iii)

Date :

Signed by
Official stamp

Notes :-

1. **Please strike out whichever is not applicable.**
2. **The certificate will be signed by the owner of the firm or any person auth to do so on behalf of the owner.**

Appendix 'G'

(Ref para 1 (b) (xiii) & 6 (c) of Part I of RFP)

INSTRUCTIONS TO THE BIDDERS

Bidders to submit the bids physically in the sealed tender box prior to bid submission end date. The tender box will be kept in the Visitor's Room of Army Public School, MH Road, Jalandhar Cantt.

**COMMERCIAL BID FOR "INSTALLATION OF CCTV CAMERAS AT ARMY
PUBLIC SCHOOL JALANDHAR CANTT"**

S No	Description of Items	A/U	Qty	Unit Cost	Total Cost
(a)	IP 2MP Dome Camera (Built in Microphone) Color/Hybrid	Nos	45		
(b)	IP 2MP Bullet Camera (Built in Microphone) Color/Hybrid	Nos	55		
(c)	NVR 4K 32 Channel with 2-Sata (15 x Digital Zoom)	Nos	4		
(d)	4 TB Hard drive surveillance grade purple	Nos	4		
(e)	8 PORT Gigabyte POE switch	Nos	17		
(f)	24 Port gigabyte Ethernet switch	Nos	1		
(g)	8 Port Gigabyte Ethernet switch	Nos	3		
(h)	Weather proof enclosure box with water logging rubber (5*5)	Nos	100		
(j)	Cat 6 Cable drum 305 Mtr	Nos	27		
(k)	4U Rack loaded	Nos	17		
(l)	CCTV Pole : 15 Ft	Nos	1		
(m)	Installation with pipe fitting (layout of Cat 6, RJ 45 Pipe, Bend, Junction T, Sheedal Camera, Numbering chart (Frull) All other required accessories as per satisfaction of Project Engineer)	Nos	100		
(n)	36 months or more Comprehensive warranty on Camera Products (Camera, NVRs, Switches, Hard Disk)				
(n)	1 Year or more warranty on other goods & Installation (Cable, Pole etc)				
(o)		Basic Cost of Project			
(p)		GST			
(q)		Total Cost Of Project			

Place :

Company Seal

Date:

(Authorised Signatory of Company)