



भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद Indian Institute of Information Technology, Allahabad

An Institute of National Importance by Act of Parliament
Deoghat, Jhalwa, Allahabad-211015 (U.P.) INDIA

Ph.: 0532-2922025, 2922067, Fax : 0532-2430006, Web : www.iiita.ac.in, E-mail : contact@iiita.ac.in

Ref. No. : IIIT-A/ENQ/FIP/279/53 / 2018

Date : 23rd April, 2018

RFP FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF SECURITY EQUIPMENT (CCTV SURVEILLANCE SYSTEM)

1. Bids in sealed cover are invited for supply of items listed in part II of this RFP. Please super scribe the above mentioned Title and date of opening of the Bids on the sealed cover to avoid the Bid being declared invalid. **Vendors are desired to quote Technical Bid and financial bid separately in sealed envelope.**
2. The address and contact numbers for sending Bids or seeking clarifications regarding this QUOTATION are given below:-
 - (a) Bids/queries to be addressed to:
**Faculty In Charge Purchase
Indian Institute of Information Technology,
Deoghat Jhalwa, Allahabad-211015.
0532-2922051, 2061
Email-info.purchase@iiita.ac.in**
 - (b) Postal Address for sending the Bids:
**Faculty In Charge Purchase
Indian Institute of Information Technology,
Deoghat Jhalwa, Allahabad-211015.
0532-2922051, 2061
Email-info.purchase@iiita.ac.in**
 - (c) Name/ designation of the contact personnel: **Faculty In Charge Purchase**
 - (d) Telephone numbers of the contact personnel: 0532-2922051, 2061
 - (e) E-mail ids of contact personnel: info.purchase@iiita.ac.in

1. Last date of submission of bids will be at **16.05.2018 upto 12:00 noon**. Quotations Received after 12:00 noon will not be accepted.
2. Date of opening of the technical bids will be at **16.05.2018 at 4:00 PM**. 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.

REQUEST FOR PROPOSAL

Invitation of Bid for Supply, Installation, Testing & Commissioning of Security Equipment (CCTV Surveillance System)

1. Bids in sealed cover are invited for supply of systems listed in part II of this RFP. Please super scribe the above mentioned Title, RFP number and date of opening of the Bids on the sealed cover to avoid the Bid being declared invalid.
2. The address and contact number for sending Bids or seeking clarifications regarding This RFP are given below –

- (a) Bids/queries to be addressed to:
Faculty In Charge Purchase
Indian Institute of Information Technology,
Deoghat Jhalwa, Allahabad-211015.
0532-2922051, 2061
Email-info.purchase@iiita.ac.in
- (b) Postal Address for sending the Bids:
Faculty In Charge Purchase
Indian Institute of Information Technology,
Deoghat Jhalwa, Allahabad-211015.
0532-2922051, 2061
Email-info.purchase@iiita.ac.in
- (c) Name/ designation of the contact personnel: **Faculty In Charge Purchase**
- (d) Telephone numbers of the contact personnel: 0532-2922051, 2061
- (e) E-mail ids of contact personnel: info.purchase@iiita.ac.in
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 items/services required, such as the Schedule of requirements (SOR), Delivery Period, Mode of Delivery and Consignee Details.
- (c) Part III – Contains Standard Conditions of RFP, which will form part of Contract.
- (d) Part IV – Contains Special Conditions applicable to this RFP and which will also form part of the contract.
- (e) Part V – Contains Evaluation Criteria and format for price Bids.
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.

Part I – General information

1. **Last date and time for depositing the Bids: 16.05.2018 upto 12:00 noon.** The sealed bid should be deposited/reached 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 Placed at the office of the Faculty In Charges Purchase, IIIT-Allahabad or sent by registered/ordinary/courier/speed 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. **Time and date for opening of Technical Bids: 16.05.2018 at 4:00 PM**
 (If due to any exigency, the due date opening of the Bids is declared a closed holiday, the Bids will be opened on the next working day at same time or on any other day/time, as Intimated by the Buyer).
4. **Place of opening of Bids:** At the office of Faculty In Charges Purchase, Admin extension building-II, IIIT-Allahabad. The Bidders may depute their representatives, duly authorized in writing, to attend the Opening of Bids on the due date and time. This event will not be postponed due to non- Presence of your representative.
5. **Forwarding of Bids:** Bids should be forwarded by Bidders under their original memo/ Letter pad inter alia furnishing details like GSTIN number, bank address with EFT Account If applicable, etc and complete postal & e-mail address of their office. A copy of RFP should Also be forwarded along with did as acknowledgement having stamped & signed on each Page.

- 6. Clarification regarding content of the RFP:** A prospective bidder who requires Clarification regarding the contents of the bidder documents shall notify to the Buyer in writing about the clarifications sought not later than 14 (fourteen) days prior to the date of opening of the bids. Copies of the query and clarification by the purchaser will be sent to all prospective bidders who have received the bidding documents.
- 7. Modification and withdrawal co Bids:** A bidder may modify or withdraw his bid after Submission provided that the written notice of modification or withdrawal is received by the buyer prior the deadline prescribed for submission of bids. A withdrawal notice May be sent by fax bur it should be followed by a signed confirmation copy to be sent by Post and such signed confirmation should reach the purchaser not letter than the deadline for submission of bids. No bid shall be modified after deadline for submission of bid No Bid may be withdrawal in the interval between the deadline for submission of bids and expiration of the period of bid validity specified. Withdrawal of a bid during his period will Result in Bidder's forfeiture of bid security.
- 8. 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.
- 9. 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.
- 10. Validity of Bids:** The Bids should remain valid till **120 Days** from the last date of submission of the Bids.
- 11. Earnest Money Deposit:-** Bidders are required to submit Earnest Money Deposit (EMD) for amount of **Rs 56,000/-** along with their bids. The EMD may be submitted in the form on 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. EMD is to remain valid for a period of forty-five days beyond the final bid validity period. EMD of the unsuccessful bidder should be retuned on 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. EMD is not required to be submitted by those Bidders who are registered for the name item/range of product/goods with the Central\purchase Organization (ed DGS & D), Nation Small industries Corporation (NSC) or any Department of MoD 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.

Part II – Essential Details of Items/Services required

1. **Schedule of Requirements** - Supply, Installation, Testing & Commissioning of Security Equipment (CCTV Surveillance System) as per following details: -

SI NO	Description of items	Qty	UoM	Unit Price	Total Price
1.	IP Bullet Camera	80	Nos		
2.	IP Speed Dome Camera	15	Nos		
3.	NVR 16 Channel Network Video Recorder	03	Nos		
4.	NVR 8 Channel Network Video Recorder	05	Nos		
5.	NVR 4 Channel Network Video Recorder	05	Nos		
6.	Network PTZ Key board controller for Speed Doom Camera	02	Nos		
7.	8 Port PoE Switch	07	Nos		
8.	16 Port PoE Switch	03	Nos		
9.	4 Port PoE Switch	10	Nos		
10.	Surveillance Hard Disk 6TB (for storage of Recording)	26	Nos		
11.	4u Rack	15	Nos		
12.	2u Rack	15	Nos		

13.	Supply unit for PTZ cameras	15	Nos		
14.	CAT-6 CABLE (IN METRE) with conduit PBC complete with proper connections with 03 Core Power Cable	5500	Mtrs		
15.	22" LED MONITOR AS REQUIRED	13	Nos		
16.	Cable connector Rj45 complete with proper connections	160	Nos		
17.	Multi socket power plug socket 5 amp points	50	Nos		
18.	UPS 1 KVA online	13	Nos		
19.	Installation & Commissioning Charge	01	Job		

2. Technical details:

- (a) Technical details along with technical specification and specifications/drawings as Applicable: As per **Appendix 'A'**
- (b) Requirement of training/on job training: **YES**
- (c) Requirement of installation/commissioning: **YES**. To be done by supplier's Engineering's.
- (d) Requirement of technical documentation: **YES**
- (e) Nature of assistance on completion of warranty: **YES**
- (f) Requirement of pre-site/equipment inspection: **YES**
- (g) Earliest acceptance year of manufacture: Current manufacture year with Documentary proof.

Additional Technical requirements-

- (i) The camera network will be a separate network with the provisioning multiple NVRs.
 - (ii) Recorded video can be made available on any computer/central unit on demand.
 - (iii) Since, it will be a distributed setup; therefore there will not be any load on the existing network. The data transfer through the existing network will take place whenever the situation arises, as per the need and demand.
 - (iv) Provisioning of one month backup will be made through all the NVRs with the use of 6 TB hard drives at each location point.
 - (v) The entire campus has clustered into 13 NVR points, for a distributed setup.
3. **Delivery Period** - Delivery period for installation of the CCTV System would be 90 days from the effective date of contract (Receiving Date at the Contractor's end). 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.
4. **Consignee detail – Store Section, IIIT-Allahabad, 0532-2922143.**

Part III – Standard Conditions of RFP

The Bidder is required to give confirmation of their acceptance 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. **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 contract.

2. Arbitration: All disputes or differences arising out of or in connection with the contract Shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the contract or relating to the construction or performance, which cannot be settled amicably, may be resolved through arbitration by or any officer appointing by him.....

3. Agents/Agency Commission: In Seller confirms and declares to the Buyer that the Seller is the original manufacturer of the stores/provided 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 Seller; 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 Seller agrees that if it is established at any time to the satisfaction of the Buyer that the present declaration is in any way incorrect or If at alter stage it is discovered by the Buyer that the Seller has engaged any such individual/firm, and paid or intended to pay any among, gift, reward, fees, commission or consideration to such person, party, firm or institution, whether before or after the signing of this Contract, the seller will be liable to refund that amount to the Buyer. The Seller will also be debarred from entering into any supply contract with the Government of India for a minimum period of five years. The Buyer will also have a right to consider cancellation of the contract either wholly or in part, without any entitlement or compensation to the Seller who shall in such an event is liable to refund all payments made by the Buyer in terms of the contract along with interest at the rate of 2% per annum above LIBOR rate. The Buyer will also have the right to recover any such amount from any contracts concluded earlier with the Government of India.

4. Access to Books of Accounts: In case it is found to the satisfaction of the Buyer that the Seller 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 Seller, on specific request of the Buyer, shall provide necessary information/inspection of the relevant financial documents/information.

5. Non-disclosure of Contract documents: Expect 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.

6. 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 agree, 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.

7. Termination of Contract: The Buyer shall have the right to terminate ~~this Contract in part or in full~~ in any of the following cases:-

- (a) The delivery of the material is delayed for causes not attributable to Force Majeure for More than 01 week after the scheduled date of delivery.
- (b) The Seller is declared bankrupt or becomes insolvent.
- (c) The delivery of material Is delayed due to causes of Force Majeure by more than 03 Months provided Force Majeure clause is included in Contract.
- (d) The Buyer has noticed that the Seller 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 Tribunal.

8. 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, address to the last known address of the party whom it is sent.

9. Transfer and Sub-letting: The Seller has no right to give, bargain, sell, assign or sublet 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.

10. Patents and other Industrial Property Rights: The prices stated in the present Contract shall be deemed to include amounts payable for the use of patents, copyrights, registered charges, trademarks and payments for any other industrial property rights. The Seller shall indemnify the Buyer 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 paragraph, whether such claims arise in respect of manufacture or use. The Seller 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.

11. 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.

12. Taxes and Duties: The Bidders should be registered with GST and all taxation will be done as per GST norms, as prescribed time to time.

Part IV- Special Condition of RFP

The Bidder is required to give confirmation of their acceptance of special conditions of all the RFP motioned 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. Tolerance clause- To take of any change in the requirement during the period starting from issue of RFP till placement of the contract, Buyer reserves the right to 25% plus/minus increase or decrease the quantity of the required goods/services up to that limit without any change in the terms & conditions and prices quoted by the Seller. While awarding the contract, the quantity ordered has been increased or decreased by the Buyer within this tolerance limit.

2. Payment terms for Indigenous Sellers- It will be mandatory for the Bidders to indicate their Bank accounts numbers and other relevant e-payments details so that payments could be made through ECS/EFT mechanism instead of payment through cheques, wherever feasible. A copy of the model mandate from 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). The payment will be made as per following terms, on production of the requisite documents:

(a) 100% payment after successful delivery, installation and commissioning of the CCTV System.

3. Advance Payments: No advance payment(s) will be made.

4. Paying Authority:

The payment of bills will be made on submission of the following documents by the Seller to the Paying Authority along with the GST compliant Tax Invoice:

- (i) Ink-signed copy of commercial Tax Invoice.
- (ii) Copy of Supply Order/Contract with P.O. number and date
- (iii) Guarantee/Warranty certificate.
- (iv) 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).
- (v) Any other document/certificate that may be provided for in the supply order.
- (vi) User Acceptance.

5. Fall clause- The following fall clause will form part of the contract placed on successful Bidder –

(a) The price charged for the stores supplied under the contract by the Seller shall in no Event exceeds the lowest prices at which the Seller sells the stores or offer to sell stores of identical description to any person /Organization including the purchaser or any department of the Central government or any Department state government or an statutory retaking 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 Seller reduces the sale price, sells or offer to Sell such stores to any person/organization including the Buyer or any Dept, 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) Sale of goods original equipment at price lower than the prices charged for normal replacement.
- (ii) Sale of goods of lower price on or after the 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 Seller 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 order placed during 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-.....”.

6. Risk & Expense clause-

(a) Should the stores or any installment thereof not be delivered within the or times Specified in the contract documents, or if defective delivery is made in respect of the stores or any installment thereof, the Buyer shall after granting the Seller 45 days to cure the breach, be at liberty, without prejudice to the right

to recover liquidated damages as a remedy for breach of contract, to declare the contract as cancelled either wholly or to the extent of such default.

(b) Should the stores or any installment thereof not perform in accordance with the Specifications /parameters provided by the SELLER during the check proof tests to be done In the BUYER's country, the BUYER shall be at liberty, without prejudice to any other remedies for breach of contract, to cancel the contract wholly or to the extent of such default.

(c) In case of a material breach that was not remedied within 45 days, the BUYER shall, having given the right of first refusal to the SELLER is at liberty to purchase, manufacture, or procure from any other source as he thinks fit, other stores of the same or similar description to make good:-

(i) Such default.

(ii) In the event of the contract being wholly determined the balance of the stores remaining to be delivered there under.

7. Force Majeure clause

(a) Neither party shall bear responsibility for the complete or partial on performance of any of its obligations (except of 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 result from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well 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 from the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 03 days from the moment of their beginning.

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

8. Specification: The Seller 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 Buyer Services as per modifications/requirements recommended after the Maintenance Evaluation Trials. All technical literature and drawings shall be amended as the modification by the Seller before supply to the Buyer. The Seller, in consultation with the Buyer, may carry out technical upgradation/alterations in the design, drawing 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, drawing repair and maintenance techniques alongwith necessary tools as a result of upgradation/alterations will be provided to the Buyer free of cost within 30 days of affecting such upgradation/alterations.

9. OEM Certificate: In case the Bidder is not the OEM, the agreement certificate with the OEM for sourcing the spares shall be mandatory. However, where OEMs do not exists, minor aggregates and spares can be sourced from authorized vendor subject to quality certification

10. Export License: The Bidder are to confirm that they have requisite export license from their Government and Authorization from the manufacturing plant, in case they are not the OEM, to export the military/non-military goods to India.

11. Earliest Acceptable Year of Manufacture. The items manufactured during the current year or a year later than issue of SO will only be accepted. A certificate of year of manufacture/batch/life is to be provided along with the bills.

12. Transportation: The following Transportation clause will form part of the contract placed on successful Bidder – The items will be provided by the Seller at his expense to the Buyer.

13. Quality: The Seller confirms that the stores to be supplied under this Contract shall be new i.e. not manufactured before 2017. The item should be of the latest manufacture, conforming to the current production standard and having 100% defined life at the time of delivery.

14. Inspection Authority: The Firm's own Quality Assurance Certificate of quality and standard as per desired specification will be produced and submitted to the user.

15. Joint Receipt Inspection. The following Joint Receipt Inspection clause will form part of the contract placed on successful Bidder-

(a) The parties agree that the Joint Receipt Inspection (JRI) of delivered goods shall be conducted on arrival at user site. JRI will consist of

(i) Quantitative checking to verify that the quantities of the delivered goods correspond to the quantities defined in this contract and the invoices.

(ii) Complete functional checking of the stores/equipment as per specifications in the contract and as per procedures and tested laid down by Buyer but functional checking of spares shall not be done.

(b) JRI will be carried out by the Buyer's representative(s). The Buyer will invite the Seller With a prior notice of minimum of fifteen (15) days to attend the JRI for the delivered goods. The bio-data of the Seller representative will need to be communicated fifteen (15) days prior to the dispatch of the goods to the Buyer for obtaining necessary security clearance in accordance with the rules applicable from time to time.

(c) Upon completion of each JRI, proceedings and acceptance certificate will be signed by both the parties. In case of deficiencies in quantity and quality or defects, detail of these shall be recorded in the JRI Proceeding, Acceptance Certificate shall not be issued and claims, acceptance Certificate shall be issued by Buyer's representative after all claims raised during JRI are settled.

16. Franking Clause

(a) **In the case of Acceptance of Goods** "the fact that the goods have been inspected after delivery period and passed by the Inspecting Officer will not have the effect of keeping the contract alive. The goods are being passed without prejudice to the rights of the Buyer under the terms and conditions of the contract".

(b) **In the case of Rejection of Goods** "the fact that the goods have been inspected after the delivery period and rejected by the Inspecting Officer will not bind the Buyer in any manner. The goods are being rejected without prejudice to the rights of the Buyer under the terms and conditions of the contract".

17. Claims: The following Claims clause will form part of the contract placed on successful bidder-

(a) The claims may be presented either: (a) on quantity of the stores, where the quantity does not correspond to the quantity shown in the packing List/Insufficiency in packing, or (b) on quantity of the stores, where quality does not correspond to the quality mentioned in the contract.

(b) The quality claims for deficiency of quantity shall be presented within 45 days of Completion of JRI and acceptance of goods. The quantity claim shall be submitted to the seller as per Form DPM-22 (Available in MoD website and can be given on request).

(c) The quality claims for defects or deficiencies in quality noticed during JRI shall be presented within 45 days of completion of JRI and acceptance of goods. Quality claims shall be presented for defects or deficiencies in quality noticed during warranty period earliest but not later than 45 days after expiry of the guarantee period. The quality claims shall be submitted to Seller as per Form DPM-23 (Available in MoD website and can be given on request).

(d) The description and Quantity of the stores are to be furnished to the Seller along with concrete reason for making the claims. Copies of all the justifying documents shall be enclosed to the presented claim. The Seller will settle the claims within 45 days from the date of the receipt of the claim at the Seller's office, subject to acceptance of the claim by the Seller. In case no response is received during this period the claim will be deemed to have been accepted.

(e) The Seller shall collect the defective or rejected goods from the location nominated by the Buyer and deliver the repaired or replaced goods at the same location under the seller's arrangement.

(f) Claims may also be settled by reduction of cost of goods under claim for bond submitted by the Seller or Payment of claim amount by Seller through demand draft drawn on an Indian Bank, in favor of Principal Controller/Controller of Defense Account concerned.

(g) The quality claims will be raised solely by the Buyer and without any Certification/ countersignature by the Seller's representative stationed in India.

18. 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) The Seller warrants for a period of 12 months 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) If within the period of warranty, the goods are reported by the Buyer to have failed to perform as per the specifications, the Seller shall either replace or rectify the same free of charge, within a maximum period of 21 days of notification of such defect received by the Seller, provided that the goods are used and maintained by the Buyer as per instructions contained in the Operating Manual. Warranty of the equipment would be extended by such duration of downtime. Record of the down time would be maintained by the user in the logbook. Spares required for warranty repairs shall be provided free of cost of the seller. The Seller also undertakes to diagnose, test, adjust, Calibrate and repair/replace the goods/equipment arising due to accidents by neglect or misuse by the operator or damage due to transportation of the goods during the warranty period, at the cost mutually agreed to between the Buyer and Seller.

(d) The Seller also warrants that necessary service and repair back up during the warranty period of the equipment shall be provided by the Seller and he will ensure that the downtime is within 10% of the warranty period, i.e., 5% per year.

(e) The Seller shall associate technical personal of the Maintenance agency and quality Assurance Agency of the Buyer during warranty repair and shall also provide the details of complete defects, reasons and remedial actions for defects.

(g) In case the complete delivery of Engineering Support Package is delayed beyond the period stipulated in this contract, the Seller undertakes that the warranty period for the goods/stores shall be extended to that extent.

(h) The Seller will guarantee the normal life of 10 years under the Indian tropical Condition as given below:

- | | | |
|--------------------------|-----|-------|
| (i) Minimum temperature | --- | -10 C |
| (ii) Maximum temperature | --- | +50 C |
| (iii) Average Humidity | --- | 80 % |



19. Product Support: The following Product Support clause will form part of the contract placed on successful Bidder –

(a) The seller agrees to provide Product Support for spares and accessories for a period of **Five years** after expiry of **one year** of warranty period after acceptance of equipment.

(b) In the event of any obsolescence during the above mentioned period of product support in respect of any component or sub-system, mutual consultation between the seller and Buyer will be undertaken to arrive at an acceptable solution including additional cost, if any

(c) Any improvement/modification/ up gradation being undertaken by the seller or their sub supplier/equipment being purchased under the contract will be communicated by seller to the buyer and, if required by the buyer, these will be carried out by the seller at Buyer's cost.

(d) Maximum turnaround time for equipment /system would be 21 days however, spares should be maintained in a serviceable condition to avoid complete breakdown of the equipment/system.

(e) Technical documentation all necessary changes in the documentation (technical and operator manual) for changes carried out on Hardware and software of the equipment will be provided.

(f) The buyer reserves its right to terminate the maintenance contract at any time without assigning any reason after giving a notice of 02 month. 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 it as per the contract terms

20. Annual Maintenance Contract (AMC) Clause: The following AMC clause will from part of the contract placed on successful Bidder:

(a) The seller would provide comprehensive AMC (with spares) for a period of five year post warranty subject of renewal annually. The seller will be intimated separately with regard to acceptance of AMC, subject to annual approval by the CFA. The AMC services should cover the repair, periodical replacement of consumables, if any of all the equipment and system and systems purchased under the present contract the AMC is comprehensive and there will be no equipment/product/service which is not covered under the purview of the AMC It is reiterated than no expenditure whatsoever will be borne by the user on expenditure Incurred for repair/replacement of any equipment /system. However if anything, which is not covered under the purview of the AMC should be separately listed by the seller in the technical Bid. The AMC services would be provided in two distinct ways.

(i) **Preventive Maintenance Service:** The seller will provide minimum of four Preventive Maintenance service visits, once in each quarter, in one year at the onsite location to carry out functional checkups and minor adjustments/tuning as maybe 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 inclusive of all spares.

(b) **Response time:** The response time of the seller should not exceed 02 working days from the time the breakdown intimation is given to the seller. The seller of his authorized representative is to diagnose and complete the rectification/repair or replacement within a maximum of 05 days (including holidays) from the date of intimation.

(c) Effort should be made to maintain 100% serviceability per year. Under any circumstance, Serviceability should not go below 95% per year. If the equipment becomes unserviceable and does perform as per specifications due to poor workmanship or any other reasons not attributable to the user, the same is to be taken care of on top most priority to attain maximum Service ability. The total maximum downtime should not exceed 15 days per year. Also, un-serviceability should not exceed 05 days (including holidays) at any one time. Required spares to attain this serviceability may be stores at regional centre 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.

(d) Maximum repair turnaround time for equipment/system would be **05 days**. However, the spares should be maintained in a serviceable condition to avoid complete breakdown of the Equipment/system.

(e) 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.

(f) During the AMC period, the Seller shall carry out all necessary servicing/repairs to the equipment/system under AMC at the current location of the equipment/system. Prior permission of the Buyer would be required in case certain components/sub systems are to be sifted 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. Hard disc of computer will not be permitted to be taken out of campus. In case of in-service ability of same, the same is to be replaced by the seller and the unserviceable one will not be allowed to be taken by seller.

(g) The Buyer reserves its right to terminate the maintenance contract at any time without assigning any reason after giving a notice of one month. 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.

(h) **Technical Literature:** The details of technical literature to be supplied with the system should be listed as per the suggested format. This should be provided with both Technical and Commercial Proposals. The cost column may be left blank in the Technical Proposal. Operation and Maintenance manual, spare parts catalogue, trouble shooting guide, etc. should form part of the literature at no extra cost.

21. The Seller will be required to give an undertaking in form of affidavit duly signed by the Director of the Company that the items supplied will meet all the technical specifications, Format of Affidavit will be provided with supply order to successful bidder.

22. Local service centers should be there.

23. Whole setup of same brand will be preferable.

Part V- Evaluation Criteria & Price Bid issues

1. **Evaluation Criteria-** The board 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 commercially.

(b) In respect of two-bid system, the technical bids forwarded by the bidders will be evaluated by the buyer 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 Bids will be decided upon the lowest price quoted by the particular Bidder as per the Price format given at Para 2 below. The consideration of taxes and duties in evaluation process will be as follows:

In case where only Indian Bidders are competing, L-1 bidder will be determined by excluding GST of final product, as quoted by bidders.

(d) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected. If there is a discrepancy between words and figures, the amount in words will prevail for calculation of price.

(e) The Lowest Acceptable Bid will be considered further for placement of supply Order after complete clarification and price negotiations as decided by the Buyer. The Buyer will have the right to award contracts to different Bidders for being lowest in particular items.

The Buyer 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.

(f) Any other criteria as applicable to suit a particular case.

2. **Price Bid Format (to be used for L-1 determination):** The Price Bid Format in general is given below and Bidders are required to fill this up correctly with full details, as required under **Part-II of RFP** (the format indicated below is only as an illustration. This format should be filled up with items/requirements as mentioned in **Part-II of RFP on the letter head of the firm**)

(a) **Basic price of item(s)** (without tax):-

SI No	Description of items	Unit price	Qty	Total
1				
2				
3				
4				
Total price of item(s)				

- (b) Accessories
- (c) Installation/Commissioning
- (d) Training
- (e) Technical literature
- (f) Tools
- (g) Comprehensive AMC Charges for four years
- (h) Any other Requirement



Note: Determination of L-1 will be done based on total of basic prices (excluding GST) of all items/requirements as mentioned above.

3. **Additional information in price Bid on taxes and Duties (not in scope of L-1 determination):**

(a) Is GST extra?

(b) If yes, then mention the following {Separate working sheet on calculation of GST (Item wise) may be attached along with Commercial Bid}:-

- (i) Total value on which GST is livable:
- (ii) Rate of GST:
- (iii) Total value of GST livable:

(c) Any other Taxes/Duties:

Note. Commercial bid to be submitted only on letter head only as per RFP issued by this office/as downloaded from central Public Procurement Portal(CPPP). Vendors to submit their Technical and Commercial bids as per tender document including its appendices and annexure in a separate envelopes clearly endorsing on the top of the envelopes as “Technical Bid “and Commercial Bid”

Yours Sincerely,

A handwritten signature in black ink, consisting of a stylized, cursive script that is difficult to decipher. It appears to be a personal or official signature.

(Refer Part-II, Para 2(a) of RFP)
TECHNICAL SPECIFICATIONS: SECURITY RELATED EQUIPMENT
(CCTV SURVEILLANCE SYSTEM)

Details of Security Equipment: Schedule of requirement with specification as indicated below:

(1) IP BULLET CAMERA		
S.NO	Camera Characteristics	Minimum Specifications
1	RESOLUTION	2 MEGA PIXELS
2	Type	2 MP Network Camera
3	Image Sensor	1/2.7" 2Megapixel progressive scan CMOS
4	Effective Pixels	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) /CIF(352×288/352×240)
5	Minimum Illumination	0.1Lux/F2.1(Color), 0Lux/F2.1(IR on)
6	Video Compression	H.264/ H.264H/ H.264B/ MJPEG
7	IR Range	IR Range of 30 Mtr. or more
8	Ethernet	RJ45 10/100 Mbps ethernet interface
9	Power Supply	12VDC ± 10%, PoE (802.3af) or better
10	Ingress protection	IP67
(2) IP SPEEDDOME CAMERA		
S.No	Camera Characteristics	Minimum Specifications
1	RESOLUTION	2 MEGA PIXELS
2	Image Sensor	1/2.8" CMOS
3	Effective Pixels	1944(H) x 1092(V), 2Megapixels
4	S/N Ratio	More than 50dB
5	Minimum Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4
6	Focal Length	4.7mm ~ 94.0mm
7	White Balance	Auto, ATW, Indoor, Outdoor, Manual
8	Focus Control	Auto / Manual
9	Angle of View	H: 54.1° ~ 3.2°
10	Electronic Shutter	1/1 ~ 1/30,000s
11	AGC Control	Auto / Manual
12	Back Light Compensation	BLC / HLC / DWDR
13	Optical Zoom	20x or more
14	Digital Zoom	16x or more
15	Pan Travel	0° ~ 360° endless, Pan Speed: 0.1° ~ 160°/sec
16	Tilt Travel	~ 90°, auto flip 180°, Tilt Speed: 0.1° ~ 200°/sec
17	Presets	300
18	Preset Speed	Pan: 400° /s; Tilt: 300° /s
19	Power up Action	Auto restore to previous PTZ and lens status after power failure
20	Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period

21	Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time
22	Day/Night: IR Cut Filter	Auto(ICR) / Color / B/W
23	Video Compression	H.264H/H.264B/H.264/ MJPEG
24	Video Streaming	Main Stream: 1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps), Sub Stream 1: D1/CIF(1 ~ 25/30fps), Sub Stream 2: 720P/ D1/ CIF (1 ~ 25/30fps)
25	Audio Comprerssion	G.711a / G.711u(32kbps)/ PCM(128kbps)
26	Audio Streaming	1/1 channel In/Out
27	IVS	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection
28	Protocols	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x, ONVIF PSIA CGI
29	Alarm	2/1 channel In/Out
30	Smart Phone	iPhone, iPad, Android, Windows Phone
31	Operating Temperature	-40°C ~ 60°C / Less than 90% RH
32	Weatherproof Standard	IP66
33	Power Source	AC 24V/3A
34	Power Consumption	10.5W, 26W (IR on, Heater on)
35	Memory	Micro SD, Max 128GB
36	Optical Zoom	20x

(3) 16 CHANNEL NVR

S.No	Camera Characteristics	Minimum Specifications
1	NVR	16 channel NVR for support of IP Cameras
2	Incoming Bandwidth	160 Mbps or More
3	Hard disk	Support 1 SATA HDDs up to 4TB, 2 USB2.0
4	SATA Interface	Min. 2 nos. and Min. 4 TB capacity for each disk
5	I/O Interface	Min. 2 nos. of USB 2.0 or better, 1 x HDMI, 1 x VGA port functionality
6	Network Interface	Min. 1 x Ethernet RJ-45 Ethernet ports
7	Network Protocol	IPV4 and IPv6, TCP/IP, DHCP, Search IP, PPOE
8	Functions	Manager HD, error of record, search of events
9	Power Supply	(100 to 240)±10 VAC with 60±5 Hz
10	Recording Rate	16-ch @ 1080p or better

(4) 8 CHANNEL NVR

S.No	Camera Characteristics	Minimum Specifications
1	NVR	8 channel NVR for support of IP Cameras
2	Hard disk	Support 1 SATA HDDs up to 4TB, 2 USB2.0
3	SATA Interface	Min. 2 nos. and Min. 4 TB capacity for each disk
4	I/O Interface	min. 2 nos. of USB 2.0 or better, 1 x HDMI, 1 x VGA port functionality
5	Network Interface	Min. 1 x Ethernet RJ-45 Ethernet ports
6	User Interface	HTTP web browser - Internet Explorer 8 and later/client application program
7	Recording type	Continuous record, record by schedule, manual record, event trigger record, digital input trigger record, Playback
8	Encoding/ Decoding	Live view(min. 4 at a time), record, playback, and search for every transaction

9	Remote Display	NVR should be capable of taking IP video inputs and simultaneous live streaming outputs over LAN, HDMI & VGA.
10	Incoming Bandwidth	160 Mbps or More
(5) 4 CHANNEL NVR		
S.No	Camera Characteristics	Minimum Specifications
1	NVR	4 channel NVR for support of IP Cameras
2	Incoming Bandwidth	80 Mbps or More
3	Hard disk	Support 1 SATA HDDs up to 4TB, 2 USB2.0
4	SATA Interface	Min. 2 nos. and Min. 4 TB capacity for each disk
5	I/O Interface	Min. 1 nos. of USB 2.0 or better, 1 x HDMI, 1 x VGA port functionality
6	Network Interface	1 RJ-45 port (10/100Mbps)
7	Network Protocol	HTTP, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS, IP Search, ONVIF Version 2.4
8	Functions	Manager HD, error of record, search of events
9	Power Supply	DC12V/2A
10	Recording Rate	4ch@1080P Real-time Live-view & Playback
(6) Network PTZ Key board controller for Speed Doom Camera: Reliable, branded and reputed product to be provided		
(7) 8 Port Fast Ethernet POE switch		
		8 Port Fast Ethernet POE switch
		8 Port Fast Ethernet POE switch with 2 GE Ports
		Major ports 2 x Gigabit uplink Ethernet ports, which design is convenient to connect external network system, 8 x 10/100Mbps downlink PoE Ethernet ports, each of them supports MDI/MDIX
		One Key CCTV Mode: Support VLAN and restrain network storm; 1~8 downlink ports can only communicate with uplink ports
		further transmission distance up to 250m in CCTV mode with the transmission speed rate 10Mbps
		Transmission Distance: In Default mode, the distance of Ethernet port is 100m; In CCTV mode, the distance of downlink 1~8 ports up to 250m
		Standard Accord with IEEE802.3 , IEEE802.3u , IEEE802.3af , IEEE802.3at standard , PoE meets End-Span
(8) 16 Port Fast Ethernet POE switch		
		16 Ports PoE Switch
		16 Ports PoE Switch
		Provide 16x 100Mbps downlink PoE Ethernet ports, 2x gigabit uplink Ethernet ports and 1x gigabit Fiber port
		Downlink Ethernet ports support PoE Plus , each port supports max. 30W output
		Support power consumption indication(LED indicates power output status)
		Accord with IEEE802.3 , IEEE802.3u , IEEE802.3ab , IEEE802.3 af/at standard
		4K MAC address, 2. 75Mb cache
(9) 4 Port Fast Ethernet POE switch		
		4 Ports PoE Switch

		4×10/100Base-TX Ethernet ports (PoE ports) and 1×10/100Base-TX up-link port
		Support IEEE802.3af/at standards, Max. 30W output of single port
		1~4 downlink ports can only communicate with uplink ports, extend transmission distance up to 250m(10Mbps)
		6KV surge protection, 8KV ESD immunity and anti-interference
		Easy and safe installation: wall-mounting, desktop, Kensington security slot, Plug-and-play.
(10) Surveillance HDD 6 TB for storage: Reliable, branded and reputed product to be provided		
(11) 4U RACK: Reliable, branded and reputed product to be provided		
(12) 2U RACK: Reliable, branded and reputed product to be provided		
(13) Supply unit for PTZ Camera: Reliable, branded and reputed product to be provided		
(14) CAT-6 CABLE (IN METRE) with conduit PBC complete with proper connections with 03 Core Power Cable (Reliable, branded and reputed product to be provided)		
(15) 22" LED MONITOR: Reliable, branded and reputed product to be provided		
(16) RJ-45 CONNECTOR: Reliable, branded and reputed product to be provided		
(17) Multi socket power plug socket 5 amp points: Reliable, branded and reputed product to be provided		
(18) UPS 1 KVA online: Reliable, branded and reputed product to be provided with 30min to 60 mins backup		
(19) Installation & Commissioning Charge if any		

