

Notice Inviting Quotation

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI-110016

Dated:02/01/2018

Open Tender Notice No. –IITD/ADAC(SP-1446)/2018

Indian Institute of Technology Delhi is in the process of purchasing following item(s) as per details as given as under.

Details of the item	SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF CCTV SYSTEMS IN LECTURE HALL COMPLEX AT IIT DELHI
Earnest Money Deposit to be submitted	Rs. 1,02,834/-
Warranty	3 Years
Performance security	5% of the tender value
Completion time	60 days

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/epublish/app>. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website <http://eprocure.gov.in/epublish/app>. The portal enrolment is free of cost. This is an online tender process where bidders need to submit physical bids at office of the indenter (Ref. Para 7 of Schedule, Next page).

Bidder can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type 'IIT'. Thereafter, Click on "GO" button to view all IIT Delhi tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <http://eprocure.gov.in/epublish/app> as per the schedule given in the next page.

SCHEDULE

1.	EMD Amount	Rs. 1,02,834/- (Rupees One lakh, Two Thousand Eight Hundred Thirty Four only) [For EMD] (To be paid through RTGS/NEFT. IIT Delhi Bank details are as under: Name of the Bank A/C : IITD Revenue Account SBI A/C No. : 10773572622 Name of the Bank : State Bank of India, IIT Delhi, HauzKhas, New Delhi-110016 IFSC Code : SBIN0001077 MICR Code : 110002156 Swift No. : SBININBB547 (This is mandatory that UTR Number is provided in the online quotation/bid. (Kindly refer to the UTR Column of the Declaration Sheet at Annexure-II)
2.	Issue of Tender Document	02/01/2018 (17:00 Hrs)
3.	Last date for receipt of queries	23/01/2018 (15:00 Hrs)
4.	Date of pre bid meeting	N.A
5.	Last Date and Time for receipts of Bids	23/01/2018 (15:00 Hrs)
6.	Opening of Technical Bid	24/01/2018 (15:00 Hrs)
7.	Place of Bid Submission & Opening of Bids	Office of Dean Academics Indian Institute of Technology, Hauz Khas, New Delhi - 110016
8.	Address of Communication	Office of the Dean Academics Indian Institute of Technology, Hauz Khas, New Delhi - 110016
9.	Contact Phone Numbers	(+91)-11- 26591326, 26597199
10.	Fax Number	(+91)-11- 26582037
11.	E-mail Address	prakash@physics.iitd.ac.in, rafatjamal@admin.iitd.ac.in

*Tender document can also be downloaded (from 02/01/2018 to 23/01/2018) from IIT Delhi Website (www.iitd.ac.in/tenders/eprocure.gov.in).

**OFFICE OF THE DEAN ACADEMICS
Indian Institute of Technology
HauzKhas, New Delhi-110 016**

NOTICE INVITING TENDERS

Dated: **02/01/2018**

Subject : SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF CCTV SYSTEMS IN LECTURE HALL COMPLEX AT IIT DELHI

Invitation for Tender Offers

Indian Institute of Technology Delhi invites onlineBids (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for **SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF CCTV SYSTEMS IN LECTURE HALL COMPLEX AT IIT DELHI** with (03 years) on site comprehensive warranty from the date of the Completion of the work in all respect and seven years comprehensive Annual Maintenance Contract as per terms & conditions specified in the tender document, which is available on CPP Portal <http://eprocure.gov.in/epublish/app> .

Technical Bid

A complete set of tender documents* may be Download by prospective bidder free of cost from the website<http://eprocure.gov.in/epublish/app>. Bidder has to make payment of requisite fees (i.e. Tender fees (if any) and EMD) online through RTGS/NEFT only.

Terms & Conditions Details

Sl.No.	Specification
1.	Due date: The tender has to be submitted on-line before the due date. The offers received after the due date and time will not be considered.
2.	Preparation of Bids: The offer/bid should be submitted in two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid.
3.	EMD: The Bidders should submit an EMD amount through RTGS/NEFT. The Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted. The EMD will be refunded without any interest to the unsuccessful bidders after the award of contract. Refer to Schedule (at page 1 of this document) for its actual place of submission.
4.	Refund of EMD: The EMD will be returned to unsuccessful Bidder only after the Tenders are finalized. In case of successful Bidder , it will be retained till the successful and complete installation of the equipment.
5.	Opening of the tender: The online bid will be opened by a committee duly constituted for this purpose. Online bids (complete in all respect) received along with UTR info of EMD fund transfer (if any) will be opened as mentioned at “Annexure: Schedule” in presence of bidders representative if available. Only one representative will be allowed to participate in the tender opening. Bid received without EMD will be rejected straight way. The technical bid will be opened online first and it will be examined by a technical committee (as per specification and requirement). The financial offer/bid will be opened only for the offer/bid which technically meets all requirements as per the specification, and will be opened subsequently for further evaluation. The bidders if interested may participate on the tender opening Date and Time. The bidder should produce authorization letter from their company to participate in the tender opening.
6.	Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers without assigning any reason.
7.	Pre-qualification criteria: (i) Bidders should be the manufacturer / authorized dealer. Letter of Authorization from original equipment manufacturer (OEM) on the same and specific to the tender should be enclosed. (ii) An undertaking from the OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well. (Ref. Annexure-III) (iii) OEM should be Nationally/Internationally reputed Company. (iv) Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid. (v) In the tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. (vi) If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
8.	Performance Security: The Bidder shall require to submit the performance security in the form of irrevocable bank guarantee issued by any Indian Nationalized Bank for an amount which is stated at page #1 of the tender document within 21 days from the date of receipt of the purchase order/LC and should be kept valid for a period of 60 days beyond the date of completion of warranty period.
9.	Force Majeure: The Bidder shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

	<ul style="list-style-type: none"> ● For purposes of this Clause, "Force Majeure" means an event beyond the control of the Bidder and not involving the Bidder's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the IITD either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. ● If a Force Majeure situation arises, the Bidder shall promptly notify the IITD in writing of such conditions and the cause thereof. Unless otherwise directed by the IITD in writing, the Bidder shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
10.	Risk Purchase Clause: In event of failure of supply of the item/equipment within the stipulated delivery schedule, the IITD has all the right to purchase the item/equipment from the other source on the total risk of the Bidder under risk purchase clause.
11.	Packing Instructions: Each package will be marked on three sides with proper paint/indelible ink, the following: <ul style="list-style-type: none"> i. Item Nomenclature ii. Order/Contract No. iii. Country of Origin of Goods iv. Bidder's Name and Address v. Consignee details vi. Packing list reference number
12.	Delivery and Documents: Delivery of the goods should be made within a maximum of 12 to 16 weeks from the date of the opening of LC. Within 24 hours of shipment, the supplier shall notify the purchaser and the insurance company by cable/telex/fax/e mail the full details of the shipment including contract number, railway receipt number/ AAP etc. and date, description of goods, quantity, name of the consignee, invoice etc. The supplier shall mail the following documents to the purchaser with a copy to the insurance company: <ol style="list-style-type: none"> 1. 4 Copies of the Supplier invoice showing contract number, goods' description, quantity 2. unit price, total amount; 3. Insurance Certificate if applicable; 4. Manufacturer's/Supplier's warranty certificate; 5. Inspection Certificate issued by the nominated inspection agency, if any 6. Supplier's factory inspection report; and 7. Certificate of Origin (if possible by the beneficiary); 8. Two copies of the packing list identifying the contents of each package. 9. The above documents should be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.
13.	Delayed delivery: If the delivery is not made within the due date for any reason, the Committee will have the right to impose penalty 1% per week and the maximum deduction is 10% of the contract value / price.
14.	Prices: The price should be quoted in net per unit (after breakup) and must include all packing and delivery charges. The offer/bid should be exclusive of taxes and duties, which will be paid by the IITD as applicable. However the percentage of taxes & duties shall be clearly indicated. The price should be quoted without custom duty and excise duty, since IIT Delhi is exempted from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. In case of imports, the price should be quoted on FOB Basis only. Under special

	<p>circumstances (eg. perishable chemicals), when the item is imported on CIF/CIP, please indicate CIF/CIP charges separately upto IIT Delhi indicating the mode of shipment. IIT Delhi will make necessary arrangements for the clearance of imported goods at the Airport/Seaport. Hence the price should not include the above charges.</p>
15.	<p>Progress of Supply: Wherever applicable, Bidder shall regularly intimate progress of supply, in writing, to the IITD as under:</p> <ol style="list-style-type: none"> 1. Quantity offered for inspection and date; 2. Quantity accepted/rejected by inspecting agency and date; 3. Quantity dispatched/delivered to consignees and date; 4. Quantity where incidental services have been satisfactorily completed with date; 5. Quantity where rectification/repair/replacement effected/completed on receipt of any communication from consignee/IITD with date; 6. Date of completion of entire Contract including incidental services, if any; and 7. Date of receipt of entire payments under the Contract (In case of stage-wise inspection, details required may also be specified).
16.	<p>Inspection and Tests: Inspection and tests prior to shipment of Goods and at final acceptance are as follows:</p> <ul style="list-style-type: none"> • After the goods are manufactured and assembled, inspection and testing of the goods shall be carried out at the Bidder's plant by the Bidder, prior to shipment to check whether the goods are in conformity with the technical specifications attached to the purchase order. Manufacturer's test certificate with data sheet shall be issued to this effect and submitted along with the delivery documents. The IITD shall be present at the Bidder's premises during such inspection and testing if need is felt. The location where the inspection is required to be conducted should be clearly indicated. The Bidder shall inform the IITD about the site preparation, if any, needed for installation of the goods at the purchaser's site at the time of submission of order acceptance. • The acceptance test will be conducted by the Purchaser, their consultant or other such person nominated by the IITD at its option after the equipment is installed at purchaser's site in the presence of Bidder's representatives. The acceptance will involve trouble free operation and ascertaining conformity with the ordered specifications and quality. There shall not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part of the equipment is expected to occur. The Bidder shall maintain necessary log in respect of the result of the test to establish to the entire satisfaction of the Purchaser, the successful completion of the test specified. • In the event of the ordered item failing to pass the acceptance test, a period not exceeding one weeks will be given to rectify the defects and clear the acceptance test, failing which the IITD reserve the right to get the equipment replaced by the Bidder at no extra cost to the Purchaser. • Successful conduct and conclusion of the acceptance test for the installed goods and equipment shall also be the responsibility and at the cost of the Bidder.
17.	<p>Resolution of Disputes: The dispute resolution mechanism to be applied pursuant shall be as follows:</p> <ul style="list-style-type: none"> • In case of Dispute or difference arising between the IITD and a domestic Bidder relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director, Indian Institute of Technology (IIT) Delhi and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order. • In the case of a dispute between the IITD and a Foreign Bidder, the dispute shall be settled by

	<p>arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the Bidder then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.</p> <ul style="list-style-type: none"> • The venue of the arbitration shall be the place from where the order is issued.
18.	Applicable Law: The place of jurisdiction would be New Delhi (Delhi) INDIA.
19.	<p>Right to Use Defective Goods</p> <p>If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the IITD shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.</p>
20.	<p>Bidder Integrity</p> <p>The Bidder is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state of the art methods and economic principles and exercising all means available to achieve the performance specified in the contract.</p>
21.	<p>Training</p> <p>The Bidder is required to provide training to the designated Purchaser's technical and end user personnel to enable them to effectively operate the total equipment.</p>
22.	<p>Installation & Demonstration</p> <p>The Bidder is required to do the installation and demonstration of the equipment within One month of the arrival of materials at the IITD site of installation, otherwise the penalty clause will be the same as per the supply of materials.</p> <p>In case of any miss happening/damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the Bidder has to replace it with new equipment/supplies immediately at his own risk. Bidder will settle his claim with the insurance company as per his convenience. IITD will not be liable to any type of losses in any form.</p>
23.	<p>Insurance: For delivery of goods at the purchaser's premises, the insurance shall be obtained by the Bidder in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance shall be valid for a period of not less than 3 months after installation and commissioning. In case of orders placed on FOB/FCA basis, the IITD shall arrange Insurance. If orders placed on CIF/CIP basis, the insurance should be up to IIT Delhi.</p>
24.	<p>Incidental services: The incidental services also include:</p> <ul style="list-style-type: none"> • Furnishing of 01 set of detailed operations & maintenance manual. • Arranging the shifting/moving of the item to their location of final installation within IITD premises at the cost of Bidder through their Indian representatives.
25.	<p>Warranty & AMC:</p> <p>Warrantee:</p> <p>(i) Warranty period shall be (as stated at page #1 of this tender) from date of installation of Goods at the IITD site of installation. The Bidder shall, in addition, comply with the performance and/or consumption guarantees specified under the contract. If for reasons attributable to the Bidder, these guarantees are not attained in whole or in part, the Bidder shall at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests. The warranty should be comprehensive on site.</p> <p>(ii) The IITD shall promptly notify the Bidder in writing of any claims arising under this warranty.</p>

Upon receipt of such notice, the Bidder shall immediately within 02 days arrange to repair or replace the defective goods or parts thereof free of cost at the ultimate destination. The Bidder shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the IITD for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 02 days. If the Bidder having been notified fails to remedy the defects within 02 days, the IITD may proceed to take such remedial action as may be necessary, at the Bidder's risk and expenses and without prejudice to any other rights, which the IITD may have against the Bidder under the contract.

- (iii) The warranty period should be clearly mentioned. The comprehensive warranty will commence from the date of the satisfactory installation/commissioning of the equipment against the defect of any manufacturing, workmanship and poor quality of the components.
- (iv) After the warranty period is over, Annual Maintenance Contract (AMC)/Comprehensive Maintenance Contract (CMC) up to next seven years shall be started. **The AMC/CMC charges quoted in BOQ will not be included in computing the total cost of the equipment. However, the L-1 criteria will be decided on the basis of total cost quoted in the BOQ including AMC charges.**

Annual Maintenance Contract (AMC):

(i) The Bidder shall enter into an Annual Maintenance Contract (AMC) for the comprehensive maintenance of the CCTV Cameras and other equipment as per scope of this tender, after expiry of three year on site warranty. The comprehensive maintenance shall be drawn for a period of 07 (Seven) years from the date of expiry of the warranty. (ii) The cost of comprehensive AMC shall be inclusive of the cost of repair/ replacement of all the items of hardware & software, UPS etc. supplied under the main contract/tender of the CCTV Cameras.

(iii) The payment in respect of AMC shall be made in quarterly installments after rendering of service/ maintenance as per scope of the contract.

(iv) In the event of failure to provide satisfactory maintenance support, the IITD shall be at liberty to forfeit a minimum 3 months payment from AMC charges. The decision of the IITD in this regard shall be final & binding on the Bidder.

if the dissatisfaction in maintenance support continues beyond two consecutive quarters, the IITD shall proceed against the Bidder for forfeiture of the security deposit and be at liberty to appoint another agency for Annual Maintenance Contract.

(V) The Bidder shall provide complete technical support on (24x7) basis throughout the year for the CCTV Cameras and other equipments on call basis by sending highly skilled technical persons, to look after the overall maintenance related to software and hardware.

(VI) Annual Maintenance Contract for operation of CCTV Cameras will be effective for 10 years including 03 year warrantee period. The Bidder shall offer the following services on call basis to the Institute.

	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Descriptions</th> <th>Maintenance Time Schedule</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Maintenance of LAN wiring from switch to cameras</td> <td>8 hours- all days</td> </tr> <tr> <td>2.</td> <td>Replacement of faulty Cameras, Switches, Monitor, CPU, UPS etc.</td> <td>24x7 - all days</td> </tr> </tbody> </table>	Sr. No.	Descriptions	Maintenance Time Schedule	1	Maintenance of LAN wiring from switch to cameras	8 hours- all days	2.	Replacement of faulty Cameras, Switches, Monitor, CPU, UPS etc.	24x7 - all days
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1	Maintenance of LAN wiring from switch to cameras	8 hours- all days								
2.	Replacement of faulty Cameras, Switches, Monitor, CPU, UPS etc.	24x7 - all days								
26.	<p>Governing Language The contract shall be written in English language. English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.</p>									
27.	<p>Applicable Law The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction.</p>									
28.	<p>Notices</p> <ul style="list-style-type: none"> Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX or e mail and confirmed in writing to the other party's address. A notice shall be effective when delivered or on the notice's effective date, whichever is later. 									
29.	<p>Taxes Bidders shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser. However, GST in respect of the transaction between the IITD and the Bidder shall be payable extra, if so stipulated in the order.</p>									
30.	<p>Duties IIT Delhi is exempted from paying custom duty under notification No.51/96 (partially or full) and necessary "Custom Duty Exemption Certificate" can be issued after providing following information and Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute, no certificate will be issued to third party: a) Shipping details i.e. Master Airway Bill No. and House Airway No. (if exists) b) Forwarder details i.e. Name, Contact No., etc.</p> <p>IIT Delhi is exempted from paying Excise Duty and necessary Excise Duty Exemption Certificate will be provided for which following information are required. b) Quotation with details of Basic Price, Rate, Tax & Amount on which ED is applicable c) Supply Order Copy d) Performa-Invoice Copy.</p>									
31.	<p>Payment:</p> <ol style="list-style-type: none"> For Indigenous supplies, 100% payment shall be made by the IITD against delivery, inspection, successful installation, commissioning and acceptance of the equipment at IITD in good condition and to the entire satisfaction of the IITD and on production of unconditional performance bank guarantee as specified in Clause 8 of tender terms and conditions. For imported items Payment will be made through irrevocable Letter of Credit (LC). Letter of Credit (LC) will be established in favour of foreign Bidder after the submission of performance security. The letter of credit (LC) will be established on the exchange rates as applicable on the date of establishment. For Imports, LC will be opened for 100% FOB/CIF value. 80% of the LC amount shall be released on presentation of complete and clear shipping documents and 20% of the LC amount shall be released after the installation and demonstration 									

	<p>of the equipment at the INST site of installation in faultless working condition for period of 60 days from the date of the satisfactory installation and subject to the production of unconditional performance bank guarantee as specified in Clause 8 of tender terms and conditions.</p> <p>iii. Indian Agency commission (IAC), if any shall be paid after satisfactory installation & commissioning of the goods at the destination at the exchange rate prevailing on the date of negotiation of LC documents, subject to DGS&D registration for restricted items.</p> <p>iv. All the bank charges within India will be borne by the Institute and outside India will be borne by the Bidder.</p>
32.	User list: Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided. (Ref. Annexure-IV)
33.	<p>Manuals and Drawings</p> <p>(i) Before the goods and equipment are taken over by the Purchaser, the Bidder shall supply operation and maintenance manuals. These shall be in such details as will enable the IITD to operate, maintain, adjust and repair all parts of the works as stated in the specifications.</p> <p>(ii) The Manuals shall be in the ruling language (English) in such form and numbers as stated in the contract.</p> <p>(iii) Unless and otherwise agreed, the goods equipment shall not be considered to be completed for the purposes of taking over until such manuals and drawing have been supplied to the Purchaser.</p>
36.	Application Specialist: The Bidder should mention in the Techno-Commercial bid the availability and names of Application Specialist and Service Engineers in the nearest regional office. (Ref. to Annexure-III)
37.	<p>Site Preparation: The Bidder shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The Bidder must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter.</p> <p>The Bidder shall visit the Institute and see the site where the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.</p>
38.	<p>Spare Parts</p> <p>The Bidder may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Bidder:</p> <p>ii. Such spare parts as the IITD may elect to purchase from the Bidder, providing that this election shall not relieve the Bidder of any warranty obligations under the Contract; and</p> <p>iii. In the event of termination of production of the spare parts:</p> <p>iv. Advance notification to the IITD of the pending termination, in sufficient time to permit the IITD to procure needed requirements; and</p> <p>v. Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.</p> <p>Bidder shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplied as promptly as possible but in any case within six months of placement of order.</p>
39.	Defective Equipment: If any of the equipment supplied by the Bidder is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Bidder with 18% interest if such payments for

	such equipment have already been made. All damaged or unapproved goods shall be returned at Bidders cost and risk and the incidental expenses incurred thereon shall be recovered from the Bidder. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of Bidder including all other charges. In case Bidder fails to replace above item as per above terms & conditions, IIT Delhi may consider "Banning" the Bidder.
40.	<p>Termination for Default</p> <p>The IITD may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Bidder, terminate the Contract in whole or part:</p> <ol style="list-style-type: none"> i. If the Bidder fails to deliver any or all of the Goods within the period(s) specified in the order, or within any extension thereof granted by the Purchaser; or ii If the Bidder fails to perform any other obligation(s) under the Contract. iii If the Bidder, in the judgment of the IITD has engaged in corrupt or fraudulent practices in competing for or in executing the Contract. <ul style="list-style-type: none"> ● For the purpose of this Clause: <ol style="list-style-type: none"> i. “Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. ii. “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;” ● In the event the IITD terminates the Contract in whole or in part, the IITD may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Bidder shall be liable to the IITD for any excess costs for such similar Goods or Services. However, the Bidder shall continue the performance of the Contract to the extent not terminated.
41.	Downtime: During the warranty period not more than 5% downtime will be permissible. For every day exceeding permissible downtime, penalty of 1/365 of the 5% FOB value will be imposed. Downtime will be counted from the date and time of the filing of complaint with in the business hours.
43.	Training of Personnel: The Bidder shall be required to undertake to provide the technical training to the personnel involved in the use of the equipment at the Institute premises, immediately after completing the installation of the equipment for a minimum period of one week at the Bidder’s cost.
44.	Disputes and Jurisdiction: Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within New Delhi.
45.	Compliance certificate: This certificate must be provided indicating conformity to the technical specifications. (Annexure-I)
46.	“In case of CIF/CIP shipments, kindly provide the shipment information atleast 2 days in advance before landing the shipment alongwith the documents i.e. invoice, packing list, forwarder Name, address, contact No. in India to save demurrage charges (imposed by Indian Customs) . Otherwise these charges will be recovered from the Bidder/Indian Agent.”

COMPLIANCE SHEET

TECHNICAL SPECIFICATION

Qualification Criteria for CCTV Camera, NVR etc.

Duly filled in and got signed

Product Line Description	2MP IP IR Dome Camera	Compliance (Only Yes or No)
2MP IP IR Dome Camera		
IMAGE SENSOR	1/3" 2 megapixel progressive scan CMOS	
EFFECTIVE PIXELS	1920 (H) × 1080 (V)	
ELECTRONIC SHUTTER SPEED	Auto/Manual, 1–1/100000 s	
MIN. ILLUMINATION	0.1 lux, F2.1 (Colour); 0 lux (IR LEDs on)	
IR DISTANCE	Up to 30 m	
DAY/NIGHT	Auto (ICR)/Colour/BW	
BACKLIGHT COMPENSATION	Back Light Compensation/DWDR & Highlight Compensation	
AUTO WHITE BALANCE	Required	
AUTOGAIN CONTROL	Required	
NOISE REDUCTION	3D	
PRIVACY MASKING	Up to 4 areas	
FOCAL LENGTH	2.8 mm	
MAX. APERTURE	F2.1	
FOCUS CONTROL	Fixed focus	
HORIZONTAL ANGLE OF VIEW	Minimum 92°	
LENS TYPE	Fixed	
COMPRESSION	H.264 (Main/High/Baseline Profile) /MJPEG	
RESOLUTION	1080p (1920×1080), 720p (1280×720), D1 (704×576/704×480), CIF (352×288/352×240)	
FRAME RATE	1080p (1–25/30 fps),	

	D1, CIF (1–25/30 fps)	
COMPRESSION	H.264: 4–8192 kbps	
CORRIDOR MODE	Required	
ETHERNET	RJ-45 (10/100Base-T)	
PROTOCOL	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, 802.1X.	
COMPATIBILITY	ONVIF Profile S	
MAX. USER ACCESS	20 users	
POWER SUPPLY	PoE (802.3af), 12 V DC	
POWER CONSUMPTION	4.7 W max. (with IR LEDs on)	
WORKING ENVIRONMENT	–30°C to 60°C; 10% to 100%, RH condensing	
INGRESS PROTECTION	IP66	
VANDAL RESISTANCE	IK10	
Certification Required	CE, FCC, UL	
Approved Makes	Axis, Honeywell & Pelco	
Product Line Description	2MP IP Fixed Type Box/ Bullet Camera with IR Illuminator	Compliance (Only Yes or No)
2MP IP Fixed Type Box/ Bullet Camera with IR Illuminator		
PoE	Required	
Audio	1 in/1out	
12VDC / 24VAC	Required	
Housing	Internal or External	
Ingress Protection rating	IP 66	
Vandal Proof Rating	IK10	
IR Illuminator	Internal or External	
IR Range	30m	
Imaging Device	1/3" 2Megapixel progressive scan CMOS	
Imager Type	CMOS	
Imager Readout	Progressive scan	
Maximum Resolution	2MP – 1920 x 1080	
ONVIF	Profile S	
Minimum Illumination (May vary depending on the lens)	Color: 0.045Lux @f/2.1 B/W : 0Lux(IR on)	

Day/Night Method	Mechanical ICR (ON / OFF / AUTO selectable)	
Signal-to-Noise Ratio	50 db minimum	
Auto Iris Lens Type	DC IRIS	
Electronic Shutter Range	Auto/Manual, 1/3(4)~1/10000s	
Auto White Balance	Required	
DWDR	Required	
Back light compensation	BLC / HLC (selectable)	
Wide Dynamic Range	DWDR	
Digital Noise Reduction	3D Dig Noise Reduction (ON / OFF selectable)/2D	
Analytics	Motion Detection/Scene change (covering, defocusing)/Face detect	
Privacy Zone	4 configurable windows	
Motion Detection	Off/ On / By Schedule	
Character Overlay	Required	
Image Settings	Compression,3D digital noise reduction (ON/OFF) color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, backlight compensation	
Network	RJ-45 (10/100Base-T)	
Power Input	PoE, 12VDC	
Power Consumption	Max 9W (with IR on, motorized lens working)	
Local Storage	Micro SDHC Max 128GB	
IR Illuminator	Self Adaptive or Smart IR 30m	
Lens	2.8mm - 12mm motorized lens	
Focus	Auto Focus	
Video Encoding	H.264 and MJPEG bit rate control (CBR and VBR)	
Video Streams	Triple streams	
Frame Rate	25fps @ 2 MP	
	1080P(1920x1080)	
	1.3M(1280x 960)	
	720P(1280x 720)	
	D1(704x 576/704x 480)	
	CIF(352x 288/352x 240)	
Supported Protocols	TCP/IP, UDP, ICMP, IPv4, IPv6, QoS, HTTP, HTTPS, SMTP, FTP, RTSP, UPnP, DNS, NTP, RTP	
Unicast	20users	
Operating Temperature	-10 to 60 degree	
Multicast	Unlimited users H.264	

Operating Humidity	Upto 90% Non-condensing	
Certification Required	CE, FCC, UL	
Approved Makes	Axis, Honeywell & Pelco	
Product Line Description	Standalone Network Video Recorder	Compliance (Only Yes or No)
Standalone Network Video Recorder		
Make	Bidder to specify	
Model	Bidder to specify	
Type	Rack-mountable, Dedicated Network Video Recorder with suitable hardware to connect up to 64 channel IP cameras. Offered storage is not an externally attached device to NVR, the total recording storage requirement shall be met through internally installed HDD itself. The bidder to submit the storage analysis for required no of cameras for a period of 30 days @25fps on minimum 1080P resolution.	
StorageCapacity	Each NVR storage unit should be provided with Internal storage supports 8 HDDs expandable up to 64 TB (8 TB each)	
Audio Input/Output	1 Channel Input/1 Channel Output	
Two-Way Communication	Supported	
Interface	2 HDMI(1 HDMI up to 3840 * 2160: 1 VGA	
Programmable Video Output	2 nd HDMI Output	
OperatingSystem	Linux or Embedded or Microsoft	
Network Throughput	Input 320 Mbps: Output 320 Mbps	
Record Bit Rate	320 Mbps	
Bit Rate	16 kbps – 20 mbps per channel	
Video Compression	H.265, H.264, MJPEG/MPEG4	
Recording Support	The offered NVR must be able to support simultaneous recording of 64 IP cameras at 1080p resolution at 25/30 fps	
No. of playback streams	Bidder to specify	
RecordingResolution	12 MP (4000 × 3000); 8 MP (3840 × 2160); 6 MP (3072 ×2048); 5 MP (2560 × 1920); 4MP (2560 × 1440); 3 MP (2048× 1520); 1080p (1920 × 1080); 720p (1280 × 720); D1 (704 ×576 / 704 × 480); CIF (352 × 288/ 352 × 240)	
Network Protocol Support	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,	

	DDNS, FTP, Alarm Server, IP Search, P2P.	
Accessories	Under bidder's scope: All required cables, connectors & interfaces, mounting arrangement, software's etc. for successful installation, commissioning of NVR.	
Documentation	Installation guide, Operation & Maintenance Manuals, Installation CD/DVD for licensed software	
Input Voltage	100~240 V AC, 50/60 Hz.	
Compatibility	The supplied NVR must be compatible in all respects to the cameras being supplied at the locations	
Power Consumption	Bidder to specify	
Operating temperature	-10°C ~ 55°C or better	
Operating Humidity	10% to 90% RH, non-condensing	
Product Safety	To comply with CE, FCC, Type Test, CCC; UL	
Details required with offer	Bidder to submit the details of complete offered solution (Item make, model/part code, block diagram etc.) as stated above along with the offer	
Certification Required	UL, EN, FCC	
Approved Makes	Axis, Honeywell, Pelco	
8 Port Switch with 2 Fiber Port		Compliance (Only Yes or No)
Switch shall have minimum 8 nos. 10/100/1000 Base-T ports with PoE+ capability and minimum 60W of PoE Power and additional 2 nos. Combo uplink ports loaded with 2 nos. of SMF modules.		
Shall have minimum 20 Gbps of switching fabric and 14.88Mpps of forwarding rate.		
Should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.3x, 802.1p, 802.1Q, 802.3, 802.3u, 802.3ab, 802.3z, 802.3az, 802.3af, 802.3at.		
Switch should support port security, DHCP snooping, Dynamic ARP inspection, IP Source guard, BPDU Guard, spanning tree root guard and IPv6 First Hop Security.		
IPv6 QoS, IPv6 ACL, Multicast Listener Discovery (MLD v1/2) snooping, IPv6 applications and IPv6 First Hop Security.		
Switch should be IPv6 Certified/IPv6 logo ready.		
Approved Makes: CISCO		

24 Port Switch with 2 Fiber Port	Compliance (Only Yes or No)
Switch shall have minimum 24 nos. 10/100/1000 Base-T ports with PoE+ capability and minimum 180W of PoE Power and additional 2 nos. Combo uplink ports loaded 2 nos. with SMF modules.	
Shall have minimum 56Gbps of switching fabric and 41Mpps of forwarding rate.	
Should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.3x, 802.1p, 802.1Q, 802.3, 802.3u, 802.3ab, 802.3z, 802.3az, 802.3af, 802.3at.	
Switch should support port security, DHCP snooping, Dynamic ARP inspection, IP Source guard, BPDU Guard, spanning tree root guard and IPv6 First Hop Security.	
Ipv6 QoS, Ipv6 ACL, Multicast Listener Discovery (MLD v1/2) snooping, Ipv6 applications and Ipv6 First Hop Security.	
Switch should be Ipv6 Certified/Ipv6 logo ready.	
Approved Makes: CISCO	
Supplying, Installation, Testing & Commissioning of 43” LED TV with 1920x1080 full HD resolution and as per specifications attached suitable for mounting on wall including connection etc. Approved Makes: Samsung, LG & Panasonic.	

Bidder needs to submit the case specific MAF on the OEM Letter Head for Camera, NVR & Switch and no MAF will be entertained from the authorized distributor of the OEM, otherwise bids will be rejected. NVR & Cameras should be from the same make only.

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

Annexure - II

Technical Bid commercialQualification Criteria for CCTV Camera, NVR etc.

S.No	Basic Requirement	Specific Requirement	Documents Required
1.	Legal Entity	The bidder should be a company registered under Indian Companies Act, 1956 or a partnership firm registered under Indian Partnership Act, 1932.	Copy of certificates of Incorporation/ Registration
2.	Financial: Turnover	Average Annual Turnover of the bidder during the last three financial years, i.e., 2014-2015, 2015-2016 and 2016-2017 (as per the last published audited balance sheets), should be at least 100% of the estimated value of the project. The bidder should have not incurred loss in any of the last 3 financial years	CA Certificate with CA's Registration Number / Seal
3.	Financial: Reference Projects	The bidder must have completed similar video Surveillance works during the period between 01.01.2013 to 31.12.2017 of minimum value of not less than 80% of estimated contract value against one single order or two orders of similar works each costing not less than 60% of estimated contract value or three orders of similar works each costing not less than 40% of estimated contract value.	PO Copy and Completion Certificate
4.	Technical Capability	The bidder must have successfully completed at least one video surveillance project having minimum 150 cameras in any one project in Govt. Buildings/ Metro/ Airport/ IT Infra/City Surveillance in India during last 5 financial years. The bidder should be in the business of supply, installation, testing, commissioning & maintenance of CCTV systems for at least last 7 years.	PO Copy and Completion Certificate from the Client.
5.	Tax registration and clearance	The lead bidder should have a registered number of GST PAN number	Copies of relevant certificates of registration GST and PAN number.
6.	ISO Certifications	The bidder must possess at the time of bidding, a valid ISO9001 or higher.	Copy of a valid certificate
7.	OEM for NVR and Cameras	The bidder should propose NVR and cameras from the same OEM.	Self - Declaration

8.	Service Setup	The bidder must have local office or service setup in within 40 KMs of the Project location to Meet the SLA's.	Copy of relevant proof
9.	Mandatory Undertaking	<p>Bidder should:-</p> <p>a) Not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of the foregoing reasons;</p> <p>b) not have, and their directors and officers not have been convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications to enter into a procurement contract within a period of three years preceding the commencement of the procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;</p> <p>c) not have a conflict of interest in the procurement in question as specified in the bidding document.</p> <p>d) comply with the code of integrity as specified in the bidding document.</p>	Self - Declaration
10	CCTV Cameras	<p>1.1 All CCTV cameras, Recording hardware & Software, CCTV Analytic Solution and command and control application proposed in the RFP/ NIT should be from the same OEM to ensure seamless integration and single point of contact and ownership with CCTV OEM</p> <p>1.2 All CCTV cameras offered in the project should be UL & CE and FCC certified.</p> <p>1.3 ALL the CCTV cameras should be ONVIF PROFILE S & G complaint to maintain the open/ heterogeneous environment.</p>	<p>Self - Declaration</p> <p>Copy of a valid certificate</p>
11.	OEM for CCTV	<p>1.1 OEM for CCTV shall have authorized CCTV service/ repair facility in nearest metropolitan city of New Delhi or National Capital Region.</p> <p>1.2 OEM for CCTV equipment should have its own registered company in India for more than 10 years</p>	Copy of a valid certificate
	Offered	1.1 Offered CCTV solution should be	

	CCTV	seamlessly integrated with existing Access Control, Fire System and Intrusion Alarm System/other building security subsystems.	
	Others	<p>1.1 Successful Technical bids shall mean the bidder declared technically successful strictly based on the layout, design parameters, OEM technical requirements, terms & conditions and specification given in the tender document.</p> <p>1.2 All the bidders to confirm that they will have to conduct a proof of concept (POC) for all IP cameras along with DVR/ NVR/NMS/VMS respectively along with software and other accessories</p> <p>1.3 All the GradeNetwork Switch from CISCO only, As the CISCO only approved brand in IIT Delhi.</p>	<p>Certification from OEM for all items other than (Camera/VMS/NVR Switches) be attached.</p>

**Organization Letter Head
DECLARATION SHEET**

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.

The prices quoted in the financial bids are subsidized due to academic discount given to IIT Delhi.

We, further specifically certify that our organization has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	NAME & ADDRESS OF THE Vendor/ Manufacturer / Agent
1 Phone	
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 GST Number	
7 PAN Number	
(In case of on-line payment of Tender Fees) 8UTR No. (For Tender Fee)	
(In case of on-line payment of EMD) 9 UTR No. (For EMD)	

(Signature of the Bidder)

Name:

Seal of the Company

On line Bid Submission:

The Online bids (complete in all respect) must be sealed into **two** Envelops as explained below:-

Envelope – 1 (Following documents to be provided as single PDF file)			
Sl. No.	Documents	Content	File Types
1.	Technical Bid	Compliance Sheet as per Annexure - I	.PDF
2.		Compliance Sheet as per Annexure - II	.PDF
3.		Organization Declaration Sheet as per Annexure - III	.PDF
4.		List of organizations/ clients where the same products have been supplied (in last five years) along with their contact number(s). (Annexure-IV)	.PDF
5.		Technical supporting documents in support of all claims made at Annexure- I & II (Annexure- V)	.PDF
Envelope – 2			
Sl. No.	TYPES	Content	
1.	Financial Bid	Price bid should be submitted in BOQ format.	.EXCEL

