

Notice Inviting Quotation (E-Procurement mode)

INDIAN INSTITUTE OF TECHNOLOGY DELHI

HAUZ KHAS, NEW DELHI-110016

Dated: 11/01/2016

Open Tender Notice No.IITD/JLIB(SP-340)/2016

[(Old Tender Reference No. IITD/JLIB(SP-313)/2015) & (NIC ID- 2015_IIT_60152_1)]

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 AND COMMISSIONING OF CCTV SYSTEM AT CENTRAL LIBRARY INDIAN INSTITUTE OF TECHNOLOGY (IIT) DELHI, HAUZ KHAS, NEW DELHI
Earnest Money Deposit to be submitted	Rs. 25,000/-
Warranty	3 Years

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app> Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website <http://eprocure.gov.in/eprocure/app> . The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.

Tenderers 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/eprocure/app> as per the schedule given in the next page.

No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the E-procurement portal).

Instructions for Online Bid Submission:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

<http://eprocure.gov.in/eprocure/app>

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link “Click here to Enroll”. Enrolment on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their userID / password and the password of the DSC / eToken.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of

each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “on-line” to pay the tender fee / EMD as applicable and enter details of the instrument. Whenever, EMD / Tender fees is sought, bidders need to pay the tender fee and EMD separately on-line through RTGS (Refer to Schedule, Page No.2).
- 4) A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

OR

In some cases Financial Bids can be submitted in PDF format as well (in lieu of BOQ).

- 5) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

General Instructions to the Bidders

- 1) The tenders will be received online through portal <http://eprocure.gov.in/eprocure/app> . In the Technical Bids, the bidders are required to upload all the documents in .pdf format.
- 2) Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://eprocure.gov.in/eprocure/app> . Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://eprocure.gov.in/eprocure/app> under the link “Information about DSC”.
- 3) Tenderer are advised to follow the instructions provided in the ‘Instructions to the Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

**Central Library
Indian Institute of Technology
HauzKhas, New Delhi-110 016**

NOTICE INVITING QUOTATIONS

Dated: 11/01/2016

Subject : SUPPLY, INSTALLATION AND COMMISSIONING OF CCTV SYSTEM AT CENTRAL LIBRARY, INDIAN INSTITUTE OF TECHNOLOGY (IIT) DELHI, HAUZ KHAS, NEW DELHI

Invitation for Tender Offers

The Indian Institute of Technology Delhi (IITD) is an autonomous government institution under Ministry of HRD, Government of India, located at Hauz Khas, New Delhi – 110016. The Central Library of IITD is spread over three floors comprising book shelves, reading and other areas. Indian Institute of Technology Delhi invites online bids on Turn-key basis/Single price for whole project in two bids format (Technical bid and Financial bid) from eligible and experienced Original Equipment Manufacturer (OEM) or OEM Authorized Dealer for “SUPPLY, INSTALLATION AND COMMISSIONING OF CCTV SYSTEM AT CENTRAL LIBRARY INDIAN INSTITUTE OF TECHNOLOGY (IIT) DELHI, HAUZ KHAS, NEW DELHI” with three years on site comprehensive warranty from the date of commissioning of project as per terms & conditions specified in the tender document, which is available on CPP Portal <http://eprocure.gov.in/eprocure/app>. The approximate 50 CCTV bullet/dome 3 Mega Pixel IP cameras are required to be installed along with Network Video Recorder (NVR), network switches, LED Professional Display Units and other accessories. Number of items may be increased or decreased depending upon availability of budget.

TECHNICAL SPECIFICATION:

Technical Specifications of 3 MP IP Dome/Bullet Camera

S.No.	Parameters	Specifications
1.	Image Sensor	The camera should be equipped with a minimum of 1/3” 3 Megapixel Progressive Scan CMOS Image Sensor technology.
2.	Min. Illumination	Color 0.01Lux/F2.0 , 0Lux/F2.0(IR on)
3.	Shutter Speed	1/3s to 1/100,000s
4.	Day & Night	IR cut filter with auto switch
5.	Digital Noise Reduction	3D DNR
6.	Wide Dynamic Range	WDR
7.	Video Compression	H.264 / MJPEG H.264
8.	Dual Stream	Support
9.	Frame Rate	The camera should capture images at an appropriate frame rate so as to give a swift video output even in case of fast moving objects.
10.	BLC	Support
11.	Image Setting	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
12.	Smart Video Analysis	Intrusion Detection, Motion detection, Tampering alarm, Network disconnect, IP address conflict and others

13.	Storage exception Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDN, RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,I Pv6,Bonjour
14.	Protocol	ONVIF ver 2.2 or higher
15.	Communication Interface	1 RJ45 10M/100M Ethernet port
16.	IR Range	upto 30 meters or above (In Dome Camera) upto 40 Meters or Above(In Bullet Camera)
17.	Ingress Protection	IP66 or higher
18.	Operating Conditions	-30 °C ~ 60 °C (-22°F ~ 140 °F) humidity 95% or less (non-condensing)
19.	Certification	UL/EN/IS/IEC, FCC, CE, RoHS

Technical Specifications of 32 Channel Network Video Recorder

SNo	Description	Technical parameters
1.	Main Processor	Intel Processors
2.	Operating System	Embedded LINUX
3.	IP Camera Input	32 channel
4.	Two-way Talk	1 channel Input, 1 channel Output, RCA
5.	Display Interface	1HDMI, 1 VGA
6.	Display Resolution	2560×1920, 2048×1536, 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768
7.	Total Bandwidth	Max 200Mbps incoming Bandwidth
8.	Display Split	1/4/8/9/16
9.	OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
10.	Recording Compression	H.264/MJPEG
11.	User Interface	GUI
12.	Motion Detection	MD Zones: 396(22×18)
13.	Event Trigger	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer
14.	Video Loss	Supports
15.	Camera Blank	Supports
16.	Alarm In/ out	It should have 16 Ch In and 4 Ch Out
17.	Smart Phone	It should support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC
18.	Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
19.	Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network
20.	Hard Disk	4 SATA ports, up to 16TB, Raid (Redundancy),
21.	CD/DVD-RW	Should support
22.	External HDD	1 eSATA up to 8TB
23.	Network Ethernet	2 RJ-45 ports (10/100/1000Mbps)
24.	Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search

25.	Expanding Storage	Support iSCSI to expand storage space
26.	Additional Interfaces	RS232: 1 port, For PC & Keyboard communication RS485 : 1 port, For PTZ control
27.	Power Supply	AC110V~240V, 50~60Hz
28.	Working Environment	-10°C~+55°C / 10%~90%RH
29.	Open Protocol	ONVIF ver 2.2 or higher
30.	Certifications	UL/EN/IS/IEC, FCC, CE, RoHS

S.No.	List of optional items
1.	Surveillance grade 4TB HDD
2.	24 PORT Layer-3 GIGABIT (10/100/1000 Mpps) POWER OVER ETHERNET (POE) SWITCH
3.	24 PORT GIGABIT (10/100/1000 Mpps) POWER OVER ETHERNET (POE) SWITCH
4.	08 PORT GIGABIT (10/100/1000 Mpps) POWER OVER ETHERNET (POE) SWITCH
5.	RACK 27U
6.	RACK 6U
7.	42" LED Professional Display Units (1920 x 1080 (16:9) Full HD resolution. HDMI/DVI, Ethernet connection, USB ports, media player with Built- in Speaker)
8.	Installation & commissioning including CAT6 cabling, power cabling, conduit, PVC gang box with face plates, and laying and other installation job, if any. (Bidder must carry out physical survey of the site before quoting the price)

A complete set of tender documents* may be Download by prospective bidder free of cost from the website <http://eprocure.gov.in/eprocure/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

S.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. No manual bids will 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 in the given format Financial Bids to be submitted in PDF format. The Technical bid and the financial bid should be submitted Online.
3.	EMD (if applicable): <ul style="list-style-type: none"> • The tenderer 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 2 of this document) for its actual place of submission. • The EMD exemption will be given as per government norms. • The EMD exempted bidder will also have to submit the EMD amount if, e-procurement portal ask for the same. The submitted EMD will be refunded to the bidder in due course of time.

4.	<p>Refund of EMD: The EMD will be returned to unsuccessful Tenderer only after the Tenders are finalized. In case of successful Tenderer, it will be retained till the successful and complete installation of the equipment.</p>
5.	<p>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 EMD 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 in the presence of the vendor’s representatives 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.</p>
6.	<p>Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers without assigning any reason.</p>
7.	<p>Pre-qualification criteria:</p> <ol style="list-style-type: none"> 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-II) iii. OEM should be internationally reputed Branded Company. iv. The OEM must have ISO 9000 and 14000 Certification and products offered must be UL/EN/IS/IEC, FCC, CE, RoHS Certified. v. The company must submit the certificate of registration as a part of technical bid. vi. The bidding company must have a consolidated minimum turnover of Rs. 40 lacs annually in the last three financial years i.e 2012-13, 2013-14 & 2014-15 (Audited balance sheets with Income Tax Return (ITR) to be enclosed). vii. The company must have executed at least three projects of IP based CCTV systems to the total value of not less than 9 lakhs in Government Sector in last three financial years i.e 2012-13, 2013-14 & 2014-15. Supporting documents, i.e. copy of the purchase order and satisfactory completion certificate from the respective customer to be submitted with the Technical Bid. viii. Out of the above installations, at least 1 should be in indoor locations. ix. The company should have after sales service network within Delhi/NCR area. x. Product should be nationally/internationally certified. xi. OEM should have presence in India since 5 year. xii. 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.
8.	<p>Performance Security: The EMD amount submitted by the selected firm shall automatically be retained as Performance Guarantee and will be refunded on completion of assignment.</p>
9.	<p>Force Majeure: The Supplier 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.</p> <ul style="list-style-type: none"> ● For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include,

	<p>but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.</p> <ul style="list-style-type: none"> • If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier 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.	<p>Risk Purchase Clause: In event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause.</p>
11.	<p>Notices: For the purpose of all notices, the following shall be the address of the Purchaser and Supplier. Purchaser : Dr. Neeraj Kumar Chaurasia Central Library Indian Institute of Technology HauzKhas, New Delhi - 110016. Supplier: (To be filled in by the supplier) (All supplier's should submit its supplies information as per Annexure-II).</p> <p>_____</p> <p>_____</p>
12.	<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 Purchaser and a domestic supplier 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. • The venue of the arbitration shall be the place from where the order is issued.
13.	<p>Applicable Law: The Contract shall be interpreted in accordance with the laws of the Union of India. The place of jurisdiction would be New Delhi (Delhi) INDIA.</p>
14.	<p>Supplier Integrity The Supplier 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>
15.	<p>Training : The Supplier 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>
16.	<p>Installation & Demonstration The supplier is required to done 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. In case of any mishappening/damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new</p>

	equipment/supplies immediately at his own risk. Supplier 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.
17.	<p>Warranty:</p> <ol style="list-style-type: none"> i. Warranty period shall be 3 years from date of commissioning of project at the IITD site of installation. The warranty should be comprehensive on site. ii. The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall immediately within in 02 days arrange to repair or replace the defective goods or parts thereof free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 02 days. If the supplier having been notified fails to remedy the defects within 02 days, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expenses and without prejudice to any other rights, which the purchaser may have against the supplier 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 project against the defect of any manufacturing, workmanship and poor quality of the components.
18.	<p>Governing Language :</p> <p>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>
19.	<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.
20.	<p>Taxes :</p> <p>Suppliers 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, VAT in respect of the transaction between the Purchaser and the Supplier shall be payable extra, if so stipulated in the order.</p>
21.	<p>Payment:</p> <p>The following payment schedule is specified:</p> <ul style="list-style-type: none"> • 100% payment will be made on successfully completion of job. • Income Tax, Service Tax and any other tax, as per statutory rules of the Central Govt., shall be deducted from the Bill(s). The payment of eligible bill(s) shall be made through NEFT/RTGS after submission of the Bill.
22.	<p>User list :</p> <p>Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided. (Ref. Annexure-III)</p>
23.	<p>Manuals and Drawings :</p> <ol style="list-style-type: none"> i. Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications. ii. The Manuals shall be in the ruling language (English) in such form and numbers as stated in the contract. 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.
25.	<p>Application Specialist :</p> <p>The Tenderer 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)</p>

26.	<p>Defective Equipment : If any of the equipment supplied by the Tenderer 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 Tenderer with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. 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 supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, IIT Delhi may consider "Banning" the supplier.</p>
27.	<p>Termination for Default : The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:</p> <ol style="list-style-type: none"> i. If the Supplier 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 Supplier fails to perform any other obligation(s) under the Contract. iii If the Supplier, in the judgment of the Purchaser 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: <ul style="list-style-type: none"> “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 Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.
28.	<p>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.</p>
29.	<p>Training of Personnel : The supplier 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 supplier’s cost.</p>
30.	<p>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.</p>
31.	<p>Compliancy certificate This certificate must be provided indicating conformity to the technical specifications. (Annexure-I)</p>

[Letter head of Company]

COMPLIANCE SHEET

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

TECHNICAL SPECIFICATION

SI No	Technical Specifications	Compliance (Yes/No)
1.	Whether site survey has been carried out?	
2.	All pages of bid document must be signed and stamped	
3.	Original Equipment Manufacturer (OEM)/ OEM Authorized Dealer	
4.	OEM International reputed having ISO 9000 and 14000 Certification	
5.	Copy of Company Registration Certificate.	
6.	Copy of VAT/Sales Tax Registration	
7.	Copy of Service Tax Registration	
8.	Copy of PAN Card	
9.	Audited Profit and Loss Account and Balance sheet for the year ending on 2012-13, 2013-14 and 2014-15 (40 Lakhs minimum annual turnover for last the three financial years)	
10.	Copy of last three years' Income Tax Return Attached	
11.	Earnest Money of Rs. 25,000/- is deposited online and copy of proof with UTR Number.	
12.	Execution of at least three project of IP based CCTV system total worth of minimum 9 lakhs in Govt. sectors in last three years (At least one should be Indoor location). Copy of Purchase order(s) and details of past installation.	
13.	Satisfactory Completion certificate	
14.	Technical Compliance Statement as per Annexure-IV	
15.	Declaration sheet in the prescribed format at Annexure-II	
16.	Proof for certification of equipment	

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. : _____

Seal of the Company: _____

**<< 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. TIN Number	
7. PAN Number	
(In case of on-line payment of Tender Fees) 8. UTR No. (For Tender Fee)	
(In case of on-line payment of EMD) 9. UTR No. (For EMD)	

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

Seal of the Company: _____

Technical Specifications of 3 MP IP Dome/Bullet Cameras

S.No	Parameters	Specifications	Compliance Yes/No
1.	Image Sensor	The camera should be equipped with a minimum of 1/3" 3 Megapixel Progressive Scan CMOS Image Sensor technology.	
2.	Min. Illumination	Color 0.01Lux/F2.0 , 0Lux/F2.0(IR on)	
3.	Shutter Speed	1/3s to 1/100,000s	
4.	Day & Night	IR cut filter with auto switch	
5.	Digital Noise Reduction	3D DNR	
6.	Wide Dynamic Range	WDR	
7.	Video Compression	H.264 / MJPEG H.264	
8.	Dual Stream	Support	
9.	Frame Rate	The camera should capture images at an appropriate frame rate so as to give a swift video output even in case of fast moving objects.	
10	BLC	Support	
11	Image Setting	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser	
12	Smart Video Analysis	Intrusion Detection, Motion detection, Tampering alarm, Network disconnect , IP address conflict and others	
13	Storage exception Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6, Bonjour	
14	Protocol	ONVIF ver 2.2 or higher	
15	Communication Interface	1 RJ45 10M/100M Ethernet port	
16	IR Range	upto 30 meters or above (In Dome Camera) upto 40 Meters or Above(In Bullet Camera)	
17	Ingress Protection	IP66 or higher	
18	Operating Conditions	-30 °C ~ 60 °C (-22°F ~ 140 °F) humidity 95% or less (non-condensing)	
19	Certification	UL/EN/IS/IEC, FCC, CE, RoHS	
Make (Dome):			
Model No.(Dome):			
Make (Bullet) :			
Model No. (Bullet):			

Technical Specifications of 32 Channel Network Video Recorder

S.No	Description	Technical parameters	Compliance (Y/N)
1.	Main Processor	Intel Processors	
2.	Operating System	Embedded LINUX	
3.	IP Camera Input	32 channel	
4.	Two-way Talk	1 channel Input, 1 channel Output, RCA	
5.	Display Interface	1HDMI, 1 VGA	
6.	Display Resolution	2560×1920, 2048×1536, 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768	
7.	Total Bandwidth	Max 200Mbps incoming Bandwidth	
8.	Display Split	1/4/8/9/16	
9.	OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
10.	Recording Compression	H.264/MJPEG	
11.	User Interface	GUI	
12.	Motion Detection	MD Zones: 396(22×18)	
13.	Event Trigger	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer	
14.	Video Loss	Supports	
15.	Camera Blank	Supports	
16.	Alarm In/ out	It should have 16 Ch In and 4 Ch Out	
17.	Smart Phone	It should support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC	
18.	Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search	
19.	Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network	
20.	Hard Disk	4 SATA ports, up to 16TB, Raid (Redundancy),	
21.	CD/DVD-RW	Should support	
22.	External HDD	1 eSATA up to 8TB	
23.	Network Ethernet	2 RJ-45 ports (10/100/1000Mbps)	
24.	Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search	
25.	Expanding Storage	Support iSCSI to expand storage space	
26.	Additional Interfaces	RS232 : 1 port, For PC & Keyboard communication RS485 : 1 port, For PTZ control	
27.	Power Supply	AC110V~240V, 50~60Hz	
28.	Working Environment	-10°C~+55°C / 10%~90%RH	
29.	Open Protocol	ONVIF ver 2.2 or higher	
30.	Certifications	UL/EN/IS/IEC, FCC, CE, RoHS	
Make :			
Model No.:			

Bid Submission

Online Bid Submission:

The Online bids (complete in all respect) must be uploaded online in **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.		Organization Declaration Sheet as per Annexure - II	.PDF
3.		List of organizations/ clients where the same products have been supplied (in last two years) along with their contact number(s). (Annexure-III)	.PDF
4.		Technical compliance as per Annexure -IV	.PDF
5.		Technical supporting documents in support of all claims made at Annexure-I	.PDF
Envelope – 2			
Sl. No.	TYPES	Content	
1.	Financial Bid	Price bid should be submitted in PDF format.	.PDF

Central Library
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016
Financial Bid
(Open Tender Notice No. IITD/____/2016)

Date: 11 /01/2016

**Subject: Purchase of “SUPPLY, INSTALLATION AND COMMISSIONING OF CCTV SYSTEM AT CENTRAL LIBRARY,
INDIAN INSTITUTE OF TECHNOLOGY (IIT) DELHI, HAUZ KHAS, NEW DELHI”**

Bill of Quantity (BoQ)

S. No	Item	QTY	Unit Rate (INR)	Amount (Without Tax) (INR)	Rate of Applicable Tax	Amount (Including Tax) (INR)
1						
2						
3						
4						
	Total in INR (On Turn-key basis/Single price for whole project)					

**Central Library
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016**

**Financial Bid
(Open Tender Notice No. IITD/JLIB(SP-313)/2016)**

Date: 11/01/2016

Subject: Purchase of “SUPPLY, INSTALLATION AND COMMISSIONING OF CCTV SYSTEM AT CENTRAL LIBRARY, INDIAN INSTITUTE OF TECHNOLOGY (IIT) DELHI, HAUZ KHAS, NEW DELHI”

Bill of Quantity (BoQ)

S. No	Item	QTY	Unit Rate (INR)	Amount (Without Tax) (INR)	Rate of Applicable Tax	Amount (Including Tax) (INR)
1	32 Channel NVR	2				
2	3 MP Dome IR Network Camera	40				
3	3 MP Bullet IR Network Camera	10				
4	Surveillance grade 4TB HDD	8				
5	24 PORT Layer-3 GIGABIT (10/100/1000 Mpps) POWER OVER ETHERNET (POE) SWITCH	1				
6	24 PORT GIGABIT (10/100/1000 Mpps) POWER OVER ETHERNET (POE) SWITCH	2				
7	08 PORT GIGABIT (10/100/1000 Mpps) POWER OVER ETHERNET (POE) SWITCH	3				
8	RACK 27U	1				
9	RACK 6U	5				
10	42" LED Professional Display Units (1920 x 1080 (16:9) Full HD resolution. HDMI/DVI/VGA, Ethernet connection, USB ports, media player with Built- in Speaker)	2				

11	Installation & commissioning including CAT6 cabling, power cabling, conduit, PVC gang box with face plates, and laying and other installation job, if any. (Bidder must carry out physical survey of the site before quoting the price)	Total of this component				
Total in INR (On Turn-key basis/Single price for whole project)						