

Tender Document: supply, Installation, commissioning and maintenance of CCTV IP Camera

Tender Notification : 593/CCTV/2018-19/DM

NITK Surathkal

Srinivasnagar PO, Dakshina Kannada District

Karnataka PIN 575025

Notice Inviting Tender

supply, Installation, commissioning and maintenance of CCTV IP Camera equipments and accessories for the Surveillance of Main Administrative Building

Office of The Resident Engineer

Updated on :27/12/2018

Tender Notification	593/CCTV/2018-19/DM
Estimated amount put to Tender	Rs 8 lakhs
E M D Amount	Rs 20,000.00
Time for Delivery	Within 15 days of issue of Purchase Order
Last Date for submission of tender	14/01/2019
Address for Submission of Tender	Office of the Resident Engineer, National Institute of Technology Karnataka Post Srinivasnagar, Surathkal, Mangaluru – 575025
Date of opening of technical bid	14/01/2019
Date of opening of financial bid	Intimated later.



**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
OFFICE OF THE RESIDENT ENGINEER
NOTICE INVITING TENDER (N.I.T)**

Tender Notification: 593/CCTV/2018-19/DM

Date:27/12/2018

The National Institute of Technology Karnataka, Surathkal (in short-NITK, Surathkal) is an autonomous body under Ministry of HRD Govt. of India, imparting Technical Education and engaged in Research Activities. It is proposed to install 33 nos of CCTV cameras with all associated works at different locations of MAIN ADMINSTRATIVE BUILDING of the institute.

In this connection Sealed Tenders are invited for the following services in two cover system (i.e., Technical bid and financial bid) subject to the following terms and conditions, from the intending bidders so as to reach this office on or before scheduled date and time. The tender (Technical bid) will be opened on the specified day in the presence of bidders or their authorized agents who may choose to be present. The financial bid of only such bidders whose technical bid is accepted shall be opened later similarly on a pre-informed date.

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Date of opening of technical bid	14/01/2019
Date of opening of financial bid	Intimated later.

Note: Bids will NOT be received after the deadline of (on or before) 14/01/2019, 3PM. Bidders are hereby advised to ensure that their bids reach the address as mentioned above well before the deadline.

Resident Engineer
NITK, Surathkal

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1 Introduction

1.1 Objective

Sealed Tenders are invited from intending bidders for the **supply, Installation, commissioning and maintenance of CCTV IP Camera** equipments and accessories for the Surveillance of Main Administrative Building. The CCTV shall run 24x7 and Cameras are to be placed such a way that it should cover the approach areas at the entry and exit points upto a distance of forty six meters. CCTV footage are to be preserved for a minimum period of 30days.

The set-up must be compliant to the Karnataka Public Safety (Measures) Enforcement Act 2017 (Karnataka Act No 44 of 2017) and its subsequent amendments if any.

1.2 Procedure

A **two-stage** procedure will be adopted for evaluation of tenders submitted in response to this Notice Inviting Tender. Minimum qualification or background in terms of revenue, work experience and technical expertise expected from the bidder to participate in the bidding process shall be as given elsewhere in this document.

1. EMD in original form valid for minimum six months, through Bank Guarantee or Demand Draft only drawn on any scheduled bank in favour of **Director NITK**, Surathkal, payable at Surathkal should be submitted. EMD shall bear no interest. Any bid not accompanying with EMD is liable to be treated as non-responsive and rejected except for those firms who are eligible for exemptions as per existing rules.

In case the Bidder claims for waiver of EMD, he/she shall provide documentary proof of being registered with the Central Purchase Organization, National Small Industries Corporation (NSIC)/MSME or the concerned Ministry or Department as per Rule 156 of GFR 2017, of Government of India, as amended from time to time. The registration must remain valid till the Bid Validity period

2. The bidder must include a print out of this tender document duly signed and stamped on all pages together with their bid.

The **commercial bid** shall contain the financials pertaining to CCTV for **supply, Installation, commissioning and maintenance of CCTV IP Camera** equipments and accessories for the Surveillance of Main Administrative Building. Commercial bid of only those bidders who pass the technical bid evaluation shall be considered for financial evaluation.

Successful bidder shall be that bidder who has submitted the lowest qualified bid.

2 Submitting the bids

The bid should be submitted in two cover system — Technical Bid and Financial Bid as given below.

2.1 Technical Bid

The bidder should give details of their technical soundness and provide list of customers of previous services to Universities, Institutes or Government Departments/ Undertakings/ public sectors with contact details. The details of the bidder/ profile should be furnished along with the copy of all related documents. This envelope should be sealed and duly super-scribed as Envelope No. 1 :Technical Bid. Full name and address of the agency should also be mentioned on envelope and should be addressed to Office of the Resident Engineer, National Institute of Technology Karnataka Post Srinivasnagar, Surathkal, Mangaluru – 575025 [DK].

2.1.1 MINIMUM BIDDER ELIGIBILITY CRITERIA FOR QUALIFYING TECHNICAL BID.

1. The Bidder should be registered under Indian law as a business entity. (Copy of documents such as registration under shops and commercial establishments or similar).
2. The Bidder must possess GST registration – self attested copy should be attached.
3. The Bidder must possess PAN registration with Income Tax department self attested copy should be attached.
4. Bidder should have completed at least three work orders amounting to Rupees 3 lakhs each pertaining to supply and installation of CCTV and other accessories during last two years up to 30/11/2018.
(BIDDER'S PARTICULARS Annexure I
5. The Bidder should not be blacklisted by any of the Government agencies. Declaration should be given by authorized signatory and undertaking in this regard must be submitted as per the format in Annexure-II

2.2 Commercial bid

The bidder should submit their financial bid in Envelope 2 as per the price schedule format given in Section 6 in the page 14 & 15 of this document. The rate should be quoted both in words and figures. All the pages of the financial bid should be signed affixing the seal. All corrections and overwriting should be initialled. This envelope should be duly superscripted as Envelope No. 2 : Financial bid. Full name and address of the agency should also be mentioned on the envelope and should be addressed to The Resident Engineer, National Institute of Technology Karnataka Post Srinivasnagar, Surathkal, Mangaluru – 575025.

2.3 How to Submit

Both the Envelope No. 1 and 2 should be kept in another separate envelope duly superscripted with the following details.

1. Tender Notification Number : 593/CCTV/2018-19/DM
2. ITEM: Supply, Installation, Commissioning and maintenance of CCTV IP Camera equipments and accessories for the Surveillance of Main Administrative Building.
3. Not to Open before (on or before) 14/01/2019, 3PM

Mention KIND ATTENTION : Resident Engineer PH: 0824 2473033 and submit at the address given in the Notice Inviting Tender.

Last Date for submission of tender : 14/01/2019

Note: NITK Surathkal will not be responsible for non-receipt /non delivery of the bids due to wrong addresses / postal delays / courier delays or any other similar reasons.

2.4 Evaluation of Bids:

The evaluation of the Bids submitted shall be done in following two stages

Technical Evaluation

The bids shall be opened in front of the bidders and technical evaluation shall be carried out to conform to tender requirements.

The **technical bid** shall be evaluated in terms of matching specifications and qualifying terms for the bidders

Commercial Evaluation

- i. Only the technically qualified bidders shall be invited during opening of commercial bids and subsequently commercial evaluation shall be carried out.
- ii. If any arithmetic discrepancies found in the commercial bid then actual price will be derived based on the unit price quoted & taxes thereon. If there is any difference between price quoted in figures and words then lowest among these shall be considered for determination of L1.
- iii. Initial evaluation / comparison for various categories of items given in the Tender Document will be done on the basis of Gross Bid Value. The bid with lowest commercial Bid (L1) shall be considered for the award of contract.
- iv. The bidder whose evaluated price is found to be lowest (L-1), shall be considered for placement of Work Order for supply and installation and maintenance of CCTV.

2.5 PAYMENT TERMS :

- I. For supply , Installation, Commissioning and maintenance of CCTV IP Camera equipments and accessories for the Surveillance of Main Administrative Building **part of work 90% of the value of work will be paid on successful completion of work, balance 10% will be released after completion of warranty period** (i.e one year from the date of commissioning)
- II. Maintenance charges will be paid to the successful bidder **on HALFYEARLY basis after deduction of applicable taxes as arrears.**

3. Warranty and Annual Maintenance:

- I. The entire CCTV System supplied and installed should be under **onsite warranty of five years** against all types of defects and deficiencies from the date of handing over of the system to NITK. Any defects found in the product/sub-product within the warranty period of 5 years shall be rectified/ replaced by the vendor free of cost. During this period of warranty, servicing at quarterly interval or earlier without any additional cost besides attending to call back services in case of break down shall be carried out free-of-cost. This includes replacement of parts and spare parts and any number of break down call.
- II. **After lapse of warranty offered by Manufacturer, CCTV camera with all its accessories will be on four year maintenance, and the bidders should quote the rate in price bid. Maintenance charges will be paid to the successful bidder on HALFYEARLY basis after deduction of applicable taxes.**

- III. AMC shall be on-site comprehensive maintenance, which includes preventive as well as corrective maintenance. The firm awarded with the maintenance contract shall carry out preventive maintenance of equipment on quarterly basis/ as per requirement and shall maintain the proper record thereof.
- IV. The comprehensive maintenance shall be carried out primarily at the premises of NITK on all working days during office hours or even beyond office hours or on holidays depending upon exigency of work as and when so required. In case, the service provider feels that the equipment cannot be repaired at site, they will carry and deliver the equipment at their own cost and get it repaired within 24 hours, failing which replacement shall be provided, or an amount of Rs.300 per day per CCTV shall be payable as compensation. The firm shall maintain proper service call sheets which will be duly signed by the Engineer and the concerned official of the department.
- V. The agency shall ensure that the equipment is retained in its original or higher configuration and form. In the event of any downward alteration to the equipment by the agency or any attachment made thereto, the agency shall pay for any repair/replacement and adjustments required to restore the equipment to its original state. The faulty equipment parts replaced must be new and equivalent in performance of existing parts.
- VI. It shall be ensured that all the equipment are operational under controlled power supply and all defective equipment if any shall be rectified/replaced without any additional cost to the NITK. The vendor will not raise any condition with regard to the working environments including voltage, earthing etc for equipment covered under AMC.
- VII. AMC shall cover each and every part of CCTV camera and accessories including plastic body and parts, replacement of any part necessary for keeping the CCTV system active and free from any defects/disturbance, any unscheduled call for corrective and/or preventive maintenance services, taking appropriate measures/steps in time to set right the malfunctioning of the CCTV of the system. Maintenance of the CCTV surveillance system includes Camera Visibility Test, DVR Recording, DVR Recording Test, DVR Settings Verification, and Disk Error Check. Replacement of CCTV Parts.
- VIII. The faulty equipment parts replaced must be new and equivalent in performance of existing parts. Replacement of cable/other equipment will not be covered in the event of fire/Natural calamity, vandalizing of equipment and its accessories.
- IX. The firm will ensure 99% uptime for the entire equipment failing which compensation of Rs.200/- per day shall be sought /collected or adjusted from payments to be made.

3.1 Scope of Work:

- a. **Supply, Installation, Commissioning and maintenance of CCTV IP Camera** equipments and accessories for the Surveillance of Main Administrative Building Installation of 33 cameras at desired locations covering the entrance to all the floors
- b. Supply of items mentioned in BoM,.
- c. **The equipment/materials should be under 5 year's comprehensive warranty(1 Year product and 4 years AMC) from the date of successful delivery & installation.**
- d. All the products and their warranty certificates shall be issued in the name of NITK
- e. All cameras should be IP based.
- f. The IP Based Video Surveillance system shall be a Hybrid System with distributed architecture having control station at the administrative department/Security Office & Viewing facility at the security cabin.

- g. A network, comprising an 24-port switch connected with CAT6, shall be laid for transmission of signal from cameras to the Control Stations. The Main Control Station shall for Video Storage and further Control.
- h. The proposed Solution should allow NITK officials to locally and centrally monitor its facilities from a remote location on a Portable/Fixed personal computer monitor.
- i. The Solution should capture, store, and analyze digital video images to enable central monitoring, increase operational efficiency, reduce liability, minimize risk and secure people & property.
- j. After commissioning the Video surveillance system, the same shall be demonstrated for all its capabilities to the relevant user department to make them familiar with the system on mutually agreed dates.
- k. Once the supply order is placed, it will be the vendors' responsibility to make the project functional. Any additional cost incurred for completing the project and for which the vendor has not bid at the time of submission of the final offer will be borne by the vendor.
- l. The CCTVs Surveillance System need to be functional on 24x7 basic i.e. 24 hours all the days and need to have at least 30 days data storage capacity for all CCTVs.
- m. Completion Certificate: Work Completion certificate shall be issued only after completion of work in all respect and to the entire satisfaction of NITK.
- n. **Training:** Upon completion of the installation & commissioning the Successful Bidder shall provide the hands-on training on the installed equipment to the concerned officials along with the training materials on the equipment installed at NITK.
- o. Bidders should share all the relevant firmware/OS/Patches etc. as and when they are released by OEM during entire warranty period at no cost to NITK.
- p. The vendor will liaison on behalf of NITK, with other different OEMs for repairing of equipment(s) and all other accessories during warranty period.
- q. Annual Maintenance of the entire system after the will be undertaken as per the terms and conditions mentioned in the tender and any other condition agreed upon as per the terms.

4 Important Information to the Bidder

The various crucial dates relating to **Supply, Installation, Testing, Commissioning and Maintenance of IP based video surveillance System (CCTV) at NITK** are cited as under:

(a)	Date of Issue	27/12/2018
(b)	Last Date and time for submission of Tender Document	14/01/2019 : 3PM
(c)	Date of Opening of Technical Bids	14/01/2019
(d)	Date of Opening of Commercial/Financial Bids	Will be intimated later

4.1 General Instructions

1. Incomplete or conditional tender will be rejected. A bidder must bid for all items specified in the schedule. Partial bidding will be treated as incomplete and the bid will be rejected.
2. **Performance Security of 5 % of contract value in terms of Bank Guarantee by scheduled banks shall be given by the successful bidder for six months. The EMD shall be released only after receipt of performance security from successful bidder.**

3. Validity of bids: The rate quoted should be valid for 90 days. No claim for escalation of rate will be considered after opening the Tender.
4. Clarification of Tender Document:
A prospective bidder requiring any clarification of the Tender Document may communicate in writing /telephone to re.electrical@nitk.edu.in / 0824 247 3033 on or before 14/01/2019 3 PM . The compiled response if any will be uploaded as an annexe to the notification before the last date. There will not be an in person pre-bid conference. No communication will be entertained after this specified date from the bidders or their principals until the tendering process is completed. Violation of this can result in bid rejection.
5. The Institute may ask for clarifications if any during the technical evaluation, and the bidders are expected to respond. Lack of response from them will enable the Institute to arrive at its own decision about such bids.
6. Amendment of Tender document: At any time prior to the last date for receipt of bids, Institute reserves the right for any reason whatsoever, whether at its own initiative or in response to a clarification requested by prospective bidder, modify the Tender document by an amendment. Such amendments if any, shall be duly uploaded to the Institute website. The bidders are hereby advised to watch the Institute website for any such updates.
7. Institute reserves the right to extend the last date for the receipt of bids at its own discretion.
8. The bids shall be written in English language and any information printed in other language shall be accompanied by an English translation, in which case for the purpose of interpretation of the bid , the English translation shall govern.
9. The Institute reserves the right to cancel or reduce the quantity included in the schedule of requirements at any time after acceptance of the tender without a notice. The Contractor/Supplier shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the work/supply in full but he did not derive in consequence of the foreclosure of the whole or part of the works/supply.
10. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.
11. The Financial bid shall be in general in the format of Price Schedule (section 6 in 14 & 15) given in this document.

5. Schedule of Requirements, Specifications and Allied Details

5.1 Requirements

Item(s) Name to be Procured	supply, Installation, commissioning and maintenance of CCTV IP Camera equipments and accessories for the Surveillance of Main Administrative Building
Type	Equipment
Specifications of the Item(s)	Please see the details listed below
Quantity	As in BOQ
Warranty	1 years from date of Installation
AMC	4 Years from the date of expiry of Warranty
Any other details/requirement	As specified in the details listed below
Delivery Schedule expected after release of Purchase/Work order	Within 15 days of issue of Purchase Order
EMD (in Rupees)	Rs 20, 000/-

The general specifications for the supply, Installation, commissioning and maintenance of CCTV IP Camera equipments and accessories are

1. Resolution : Full HD 1920x1080 or higher
2. Minimum illumination : 0.01 Lux or higher
3. Lens : Focal length 3.6mm or higher
4. Distance to be covered : IR LED (In built IR) 46Meters or higher
5. Video Format Platform ONVIF compliant or equivalent (H.264 Compression)
6. Storage Capacity of NVR : Minimum 30 days.

5.2 Details of Items and Quantity Required

Note: Any equivalent or better product may be bidden. However, **equivalence or superiority claimed must be properly justified with the supporting documents and product brochures.**

1. Active Components
 1. 24-Port PoE 10/100Mbps with 4-Port 10/100/1000Mbps Copper (at least 2 Combo SFP Smart Switch , 370W power budget.) : 4 Nos
 2. 2MP Full HD Day & Night Outdoor Fixed Dome Network Camera with install kit : 8 Nos
 3. 2MP Full HD Day & Night Outdoor Fixed Bullet Network Camera with install kit: 25 Nos
 4. Network Video Recorder with adequate storage for 30days subject to a minimum of 40 TB storage : 1 No
 5. Required Number of Camera Licenses.

2. Passive Components

(Note: These are indicative for tender finalization. Actually required quantity must be supplied at the same rate during the execution of the project. The quantity can be lower or marginally higher accordingly.)

1. CAT6 UTP 23AWG Solid:305M (Grey) Access : 2500 meters
2. Patch Panel Cat 6 UTP Keystone Type- 24 Port2 Fully Loaded : 4 Nos
3. CAT6 UTP 24AWG PATCH CORD:1M,Plug 30U‘ Snagless (Grey): 33x2 Nos
4. Face Plate - Single (Keystone Jack, square) : 33 Nos
5. Jack Cat 6 Keystone UTP - Blue : 33 Nos
6. Back Box For Single, Dual (Cat5e/Cat6/Cat6A,square): 33 Nos
7. 6U Network Rack with all accessories: 4 No
8. 1 inch PVC casing capping with accessories: 650 meters
9. 3/4 inch PVC casing capping with accessories: 450 meters

3. Labour Charges

(Note: These are indicative for tender finalization. Actually required quantity must be supplied at the same rate during the execution of the project. The quantity can be lower or marginally higher accordingly.)

1. UTP Cable Laying charges: 2500 meters
2. I/O Termination with SMB mounting charges : 33 Nos
3. 24 Port Jack Panel Mounting and termination charges: 4 Nos
4. Camera Installation charges: 33 Nos
5. 1 inch / 3/4 inch PVC casing capping laying Charges: 1100 meters
6. Rack Fixing and cable dressing Charges: 1 No

4. Installation, Commissioning, Training Charges if any.

5. The IP Cameras and The Storage device must be connected to the same switch which is to be uplinked suitably.

5.3 Minimum Specifications - Active Devices

Equivalence or superiority claimed must be properly justified with the supporting documents and product brochures .

5.3.1 24-Port PoE 10/100Mbps PoE Switch

24 10/100Mbps ports PoE (Power over Ethernet) ports that detect and supply power with all IEEE 802.3af/at compliant Powered Devices (PDs).

IEEE 802.3at and IEEE 802.3af Power over Ethernet (PoE) compliant

24x10/100Mbps Auto-MDIX (automatic medium dependent interface crossover) PoE ports

Provides up to 30 watts per PoE port

PoE power budget 370W

4 KV surge protection for PoE ports

IEEE 802.3x flow control support

Plug-and-play installation

8.8 Gbps switching fabric

2.75 Mbits RAM Data Buffer

4K MAC address entries

Network Ports : 26 PoE Port:24, 10/100Mbps RJ45 ports, Uplink Port 2, 1000M Combo Port

Network Protocol IEEE802.3,802.3u,802.3x, 802.3af, 802.3at

Switching Capacity8.8Gbps

Max. Forwarding Rate 6.55Mpps

High Priority Ports Ports 1 to 8

MAC Address Table 4k

Power Supply 100-240V AC, 50/60Hz
Surge Protection 4KV
Working Temperature: 0 deg C to 40 deg C
Working Humidity: 10%-90% , non-condensing

5.3.2 2MP Full HD Day & Night Outdoor Fixed Dome Network Camera with Install kit

Camera

Image Sensor 1/2.8" Progressive Scan CMOS
Min. Illumination 0.01 Lux or Higher
3-Axis Adjustment Pan degrees: 0 to 360, tilt: 0 to 75, rotate: 0 to 360

Lens

Focal length 3.6 mm or Higher

IR

IR Range 50 yards or higher

Compression Standard

ONVIF Compliant or Equivalent with H.264 Compression

Image

Resolution Full HD 1920 x 1080 or Higher

Interface

Communication Interface 1 RJ45 10M/100M self-adaptive Ethernet port, On-board storage Built-in Micro SD/SDHC/SDXC slot, up to 128 GB

General

Operating Conditions -30 deg C to +60 deg C , Humidity 95% or less (non-condensing), Power Supply 12 VDC plus or minus 25% , PoE (802.3af, class 3)

5.3.3 2MP Full HD Day & Night Outdoor Fixed Bullet Network Camera with Install kit

Camera

Image Sensor 1/2.8" Progressive Scan CMOS
Min. Illumination 0.01 Lux or Higher
3-Axis Adjustment Pan degrees: 0 to 360, tilt: 0 to 75, rotate: 0 to 360

Lens

Focal length 3.6 mm or Higher//**IR** : IR Range 50 yards or higher

Compression Standard

ONVIF Compliant or Equivalent with H.264 Compression

Image

Resolution Full HD 1920 x 1080 or Higher

Interface

Communication Interface 1 RJ45 10M/100M self-adaptive Ethernet port, On-board storage Built-in Micro SD/SDHC/SDXC slot, up to 128 GB

General

Operating Conditions -30 deg C to +60 deg C , Humidity 95% or less (non-condensing), Power Supply 12 VDC plus or minus 25% , PoE (802.3af, class 3), Protection level IP67, TVS 2000V lightning protection, surge protection and voltage transient protection

5.3.4 Network Storage Device with 40TB Storage

NVR with High reliability

ANR technology to enhance the storage reliability when the network is disconnected

HD Input: H.265/ H.265+/H.264/ H.264+/MPEG4 video formats, Connectable to the third-party network cameras ,Up to 32 IP cameras must be connectable,Recording at up to 8 MP resolution, Supports live view, storage, and playback of the connected camera at up to 8 MP resolution

HD Output: HDMI and VGA independent outputs provided, HDMI Video output at up to 4K (3840 x 2160) resolution
HD Storage : Adequate for 30days, subject to a minimum of 40TB SATA Storage, Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format
HD Transmission: 1 self-adaptive 10 M/100 M/1000 Mbps network interface, 16 independent PoE network interfaces are provided

Network Protocols: TCP/IP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP, HTTP, HTTPS

Serial interface 1 RS-485 (half-duplex), 1 RS-232, 1 keyboard (optional)

USB interface: Front panel: 2 x USB 2.0; Rear panel: 1 x USB 3.0

Working Temperature : -10 to +55 deg C, Humidity 10 to 90% Rack mountable chassis

Must support applications of Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc, Connectable to smart IP cameras and the recording, playing back, and backing up of VCA alarms can be realized ,Instant playback for assigned channel during multi-channel display mode ,Smart search for the selected area in the video; and smart playback to improve the playback efficiency ,Supports HDD quota and group modes; different capacity can be assigned to different channels.

5.3.6 Minimum Specifications - Passive Devices

Equivalence or superiority claimed must be properly justified with the supporting documents and product brochures .

Passive Materials, Racks and Other materials such as PVC casing capping must be from reputed brands. All network passive materials must be from the same brand. Mix and match of passive materials from different brands will be a disqualification for the bid. The material, make and model should be explicitly specified for these. If these are not specified, it will be a disqualification for the bid.

6.PRICE BID

To

The Resident Engineer,
National Institute of Technology Karnataka
Post Srinivasnagar, Surathkal, Mangaluru – 575025 [DK]

Subject : Price Bid for Supply, Installation, Testing and Commissioning of IP Based Video surveillance System (CCTV) at Main Administrative Building ,NITK.

Name of the Bidder: _____

Address for Correspondence: _____

I/we hereby submit the commercial bid for **Supply, Installation, Testing and Commissioning of IP Based Video surveillance System (CCTV) at Main Administrative Building ,NITK** as per the Scope of work given in this tender document within the time specified and in accordance with the terms and conditions and shall be bound by the stipulation made by me in the bid.

Sl.No	Item	Qty	Rate/Unit	Tax	Total rate	Total Amount
1	Supply of 24-Port PoE Switch Approved Makes: Hikvision/Broket/Cisco	4 nos				
2	Supply of 2MP Full HD Day & Night Outdoor Fixed Dome Network Camera with install kit Approved Makes: Hikvision/Bosch/Pelco	8 nos				
3	Supply of 2MP Full HD Day & Night Outdoor Fixed Bullet Network Camera Approved Makes: Hikvision/Bosch/Pelco	25 nos				
4	Supply of Network Video Recorder with adequate storage for 30days subject to a minimum of 40 TB storage Approved Makes: Seagate /Bosch/Pelco	1 no				
5	Camera Licenses needed (if any) :	As appropriate				
6	Supply of CAT6 UTP 23AWG Solid:305M (Grey) Access : Approved Makes: Hikvision/dlink/Schinder	2500 mtr				

7	Supply of Patch Panel Cat 6 UTP Keystone Type- 24 Port2 Fully Loaded :	4 nos				
8	Supply of CAT6 UTP 24AWG PATCH CORD:1M,Plug 30U‘ Snagless (Grey):	60 nos				
9	Supply of Face Plate - Single (Keystone Jack, square) :	33 nos				
10	Supply of Jack Cat 6 Keystone UTP - Blue :	33 nos				
11	Supply of Back Box For Single, Dual (Cat5e/Cat6/Cat6A,square):	33 os				
12	Supply of 6U Network Rack with all accessories: Approved Makes: Dynamic/Comrack/APW	4 nos				
13	Supply of 1 inch PVC casing capping with accessories:	650 mtr				
14	Supply of 3/4 inch PVC casing capping with accessories:	450 mtr				
15	Installation, Commissioning, Termination, Mounting, laying, Rack Fixing and cable dressing Charges including hardware items (like screws ,bolts, nuts etc.)	One job work				
16	AMC of CCTV Surveillance Equipment, accessories & Cable for Four Year post -warranty	One job work				
17	G.Total					

1. The rate should not be provided as a percentage figure but in absolute Indian Rupees.

2. The rate quoted must be reasonable and valid for the period of contract from the date of opening of financial bid.

SIGNATURE WITH SEAL OF TENDERER

NAME IN BLOCK LETTERS: _____

Company Name with Full Address: _____

BIDDER'S PARTICULARS Annexure I

S.No	Particulars	Details
1	Name of the Bidder	
2	Full Address of the Bidder	
3	Full address of Operating Branch/Office/Service Centre at Mangaore:	
4	Name of the Authorized Signatory	
5	Date of Incorporation of Company (Attach ROC Registration certificate, Partnership Deed or any other relevant legal document);	
6	Details of Earnest Money Deposit, if not exempted	DD No. _____ date _____ of Rs. 20,000/- drawn on Bank
7	Has the bidder completed atleast three work orders amounting to Rupees 3 Lakhs each pertaining to supply and installation of CCTV along with other accessories during the last two years upto 31/03/2017. If YES, submit the proof of self-attested copies of the work orders and completion certificates for the same	YES / NO

Bidder:

Signature _____
 Name _____
 Designation _____
 Company _____
 Date _____

**DECLARATION REGARDING
BLACKLISTING / DEBARRING FOR
TAKING PART IN TENDER**

Annexure II

(To be executed & attested by Public Notary/executive Magistrate on Rs 10/-non judicial stamp paper by the Tendered]

2. I/We _____ of M/s _____ hereby declare that our company _____ having registered address at _____ has never been 'Blacklisted/debarred by any State/Central Govt, Department/Organization till date nor we are facing/filed any Litigation proceeding regarding debarring (blacklisting) with either of the above said agencies.

OR

I/We _____ of M/s _____ hereby declare that our company _____ having registered address at _____ was blacklisted or debarred by State/ Central Govt, Department/Organization from taking part in tenders for a period of _____ years wef _____ to _____ .the period is over on _____ and now the firm /company is entitled to take part in tenders.

2. In case of above information found false, I/we are fully aware that the tender/contract will be rejected/cancelled by National Institute of Technology Karnataka ,Mangaluru – 575025 and EMD/Security deposit shall be forfeited.

3. In addition to the above National Institute of Technology Karnataka ,Mangaluru – 575025 will not be responsible to pay the bills for any completed /partially completed work/supply.

ATTESTED:

(Public Notary/executive Magistrate)

DEPONENT

NAME:- _____

Address: _____

