

National Institute of Bank Management
NIBM Post Office
Kondhwe Khurd
Pune 411 048

No. Estate/Elect/CCTV/2018-19

Date :20.12.2018

Notice Inviting Tender

Subject : Supply and Installation of Closed Circuit Television (CCTV) Camera (Security Surrveillance System) at NIBM Campus

National Institute of Bank Management invites quotation from authorised dealers/contractors, reputed, experienced and financially sound companies, firms ("The Vendor") for supply, installation, commissioning of Closed Circuit Television (CCTV) Camera System and other accessories at the NIBM Campus as per Administrative Building NIBM Room No. 1109. The Camera will be installed in NIBM campus as per enclosed drawing.

2. The representative of interested vendors should visit the site with prior appointment and submit their proposals / rate quotations along with complete layout plan. Interested vendors may submit one or more quotations separately for the difference make/brand of CCTV Camera system they offered.

3. Important dates are as below :

Date of publishing NIBM	:	<u>20.12.2018</u>
Last date of Submission of Quotation	:	<u>28.12.2018 till – 12:00 P.M.</u>
Date of Opening of Quotation	:	<u>28.12.2018 at 4:00 P.M.</u>

4. A brief terms & conditions, scope of work, technical specification and proforma for submission of quotation are enclosed. The vendor shall sign on every page of the document and submit their quotation, complete in all respect to the Chief Administrative Officer, National Institute of Bank Management, NIBM Post Office, Kondhwe Khurd, Pune 48. The tender documents can be downloaded from the website "nibmindia.org".

5. The right of acceptance of tenders(s) will rest with Competent Authority. Also, the NIBM is not bound to accept the lowest tender and reserves the right to reject or partially accept any or all the tender(s) received without assigning any reasons thereof.

Soni P Philip
Chief Administrative Officer

Date : _____

To,

Chief Administrative Officer
NIBM
Kondhwe Khurd
Pune 411 048

Ref : Supply and Installation of Closed Circuit Television System (CCTV) (Security surveillance System)
at the NIBM Campus

Dear Sir,

Having examined the tender document relating to the Supply and Installation of Closed Circuit Television System (CCTV), we hereby submit our offer for the supply of the proposed items in accordance with terms and conditions and confirm our acceptance to execute the order within the time period specified in the tender document, at the rates quoted by us in the accompanying Technical & Financial Bid.

We further confirm that ---

- (i) We have successfully executed orders of similar nature and we have sufficient experience and financial strength in handling orders of this value.
- (ii) We have sufficient qualified manpower and necessary materials and after sales support to execute the order efficiently in the specified time schedule.
- (iii) The quoted rates shall be valid not less than 90 days from the date of opening of quotation.
- (iv) We further confirm that all chapters of the tender documents have been read, understood and signed and there is no deviation/discrepancy.
- (v) We agree to accept the extension order up to 100% quantity with one month of the issue of the order.

Signature of the Bidder/Tenderer
With stamp and date

GENERAL POINTS

(1) GENERAL

- 1.1 The CCTV system shall be used to monitor and record the date of the visitors coming from entry Gate of the NIBM Campus, reception area and surrounding areas of the building and perimeter area or any such area in the campus, as well be decided by competent Authority. The vendor shall study the specifications and satisfy himself thoroughly and shall take full responsibility of the smooth, reliable and safe working. The representative of the vendor should visit the NIBM campus (herein referred as 'the site') prior to placing its bids for satisfying himself for supply of requisite items essential for smooth functioning of the system. Site can be inspected between 10 A.M. to 5 P.M. on working days till 27.12.2018. No transportation allowance or any other incidental shall be payable by the NIBM to any out-station vendor on account of initial site visit.
- 1.2 All items of instrument shall be completed in all respects and any instrument not covered in the specification but essential for proper installation, operation and maintenance of the instrument shall be included by the vendor in his offer and the reasons for such inclusion shall be clearly stated.

(2) SCOPE OF WORK

- 2.1 The scope of work includes supply, installation and commissioning of CCTV System in accordance with the design & specifications given in "**Annexure I Technical Bid A. TECHNICAL SPECIFICATIONS OF THE SECURITY SURVEILLANCE SYSTEM**". In addition, the vendor will also undertake the maintenance of the complete system.
- 2.2 Supply of necessary spares.
- 2.3 Packaging, forwarding, transport, insurance, loading, unloading, precaution against damage during transit etc.
- 2.4 Performance Guarantee.
- 2.5 Two sets of operation and maintenance manuals.
- 2.6 Test Certificate: Vendor shall provide all necessary test certificates.

(3) SAFETY

- 3.1 All equipment items shall be complete with approved safety devices, wherever a potential hazard to personnel exists, and with provision for safe access to personnel to and around the instrument for operational and maintenance functions.

(4) TIME FOR COMPLETION

- 4.1 The vendor shall complete supply, installation and commissioning of the instrument within 30 days of placing the Purchase Order or the timeline specified by the NIBM.

(5) TEST AND INSPECTION

- 5.1 Inspection of the equipment will be done at the NIBM.
- 5.2 The vendor shall demonstrate all the features of the equipment mentioned in the technical specification.

- 5.3 The vendor is solely responsible for installation, commissioning and making the complete system operational at user's site.

(6) OPERATION CONDITIONS

- 6.1 All equipment shall be designed for smooth, efficient and trouble free operation in tropical humid climate of 45° C ambient and a humidity of 90% to 150%.
- 6.2 In cases where the offer deviates from the specification, the vendor shall indicate clearly in his offer the specification proposed by him along with details thereof and the reasons for the deviation. Each exception to the specification or other parts of the tender document shall be listed separately by the vendor. If exceptions are not clearly listed they will not be considered by the Purchaser later.

(7) DOCUMENTS

- 7.1 The vendor shall supply the hard and soft copy of Operation and Maintenance manual in duplicate. All necessary literature giving complete technical details shall be provided. He should also provide the test certificates given by manufacturer.
- 7.2 The vendor shall provide the original DVD/CD of all the software used for operating the system.

(8) INSTALLATION & COMMISSIONING

- 8.1 It is to be noted again that supply, installation and commissioning of the system with all accessories, auxiliaries, and any item not covered in the specification but essential for proper installation, operation and maintenance of the CCTV System shall be included and executed by the vendor.
- 8.2 The supply will not be deemed complete until the commissioning trial of the whole system is carried out by the vendor at the site successfully.
- 8.3.1 Rerouting/installing DVR/NVR etc. as per Institutes requirement is part of the work assigned.
- 8.3.2 It is to be noted that for some areas only cable needs replaced. Some gadgets to be shifted from from existing system (Please inspect the site and confirm the job to be undertaken)

(9) PERFORMANCE AND GUARANTEE (P. G.)

- 9.1 All necessary tests shall be carried out at the site by the vendor to demonstrate whether performance of the instrument conforms to the relevant standards and specifications and meets the functional requirement indicated in the specification.

(10) WARRANTY

- 10.1 The warranty period for the equipment will commence from the date of commissioning of the entire system and not from the date of delivery or installation.
- 10.2 The vendor shall provide guarantee for the entire system for a period of 12 months from the date of commissioning or for the duration of OEM warranty period whichever is longer.
- 10.3 The time period for product warranty will be the same as the service warranty.
- 10.4 The vendor shall be responsible for routine and breakdown maintenance of the equipment during warranty period.

- 10.5 It is desired that the winning vendor/firm will enter into an Annual Maintenance Contract (AMC) for a period of 3 years, commencing after the expiry of the initial service warranty, for maintaining the installed system.

(11) PAYMENT TERMS

- 11.1 The payment will be released only after receipt, satisfactory installation/commissioning of the equipment in question and in good condition in the NIBM.

(12) CAPABILITY AND EXPERIENCE

- 12.1 The vendor shall have executed at least two (2) similar kind of work within last 3 years. The vendor shall submit along the offer the reference list of the similar work. Offers received without the reference list may be rejected.

(13) TRAINING

- 13.1 Vendor shall provide necessary onsite training at the NIBM about the working of CCTV System and the relevant software.

(14) QUOTATION

- 14.1 Interested vendors may submit one or more quotations separately for the different make/brand of CCTV Camera system they offered.

(15) CLARIFICATIONS

- 15.1 For any clarification and appointment for site visit, the vendor may the NIBM by e-mail (estate@nibmindia.org) and/or Tel. No. 020-26716387.

(16) LAST DATE OF RECEIPT OF TENDER

- 16.1 Tender will not be accepted if they are received after the due date and time as specified in the quotations letter .
16.2 The vendor shall be required to submit the complete layout plan before executing the work/ submit the layout **plan with the Financial Bid.**

(17) OPENING DATE OF TENDER

- 17.1 The tender will be opened on 28.12.2018 at 4:00 P.M. in the NIBM. The Technical Bids (**Annexure I**) will first be evaluated and only vendors who qualified in the Technical Bids will only be considered for further evaluation of Financial Bids (**Annexure II**).

- (18)** The right of acceptance of tender(s) will rest with Competent Authority. Also, the NIBM is not bound to accept the lowest tender and reserves the right to reject or partially accept any or all the tender(s) received without assigning any reasons thereof.

Annexure I

Technical Bid

A. TECHNICAL SPECIFICATIONS OF THE SECURITY SURVEILLANCE SYSTEM

DEVICE / EQUIPMENT	PARTICULARS	MAKE
IP CCTV Camera	2 to 4 MP Dome Varifocal/Bullet Varifocal/High Speed IP PTZ	Bosch / Honeywell / Pelco / Panasonic / Sony /Samsung / Matrix / Hickvision
Network Video Recorder	Channel, third-party network cameras supported, up to 5 Megapixels resolution recording, HDD quota and group management	Bosch / Honeywell / Pelco / Panasonic / Sony /Samsung / Matrix / Hickvision
Surveillance - Optimised Storage	4 TB HDD	Seagate, WD, LG
POE Switch	16 GE + 2 SEP port	Cisco / HP / Alcatel-Lucent/ Any reputed brand
CAT 6a UTP Cable	Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs	Reputed brand
PVC Conduit, Trunking + Accessories	Adaptable to standard concealed wiring system as per IS : & BS: Virgin Suspension grade K-67 PVC	Reputed brand
G I Wire with connectors	All suspended wires / cables to be supported appropriate size G.I. wires with connectors etc.	Standard brand

NATIONAL INSTITUTE OF BANK MANAGEMENT

QUOTATION FORM

CCTV PROPOSAL FOR MAIN GATE / ADMIN. BUILDING AREA

(I)

Sr. No.	Item Description	Quantity	Rate (Rs.)	Amount (Rs.)
1	Make NVRBS - SONY / HICKVISION / MATRIX 8 Channel Standard Network Video Recorder 8 IP Channel Inputs VGA and HDMI Outputs 4 X 4K/16 x 1080P/64 x D1 Decoding 1080P, 720P; D1 Recording Resolution with H.265, H.264, MPEG-4 and Motion JPEG CMS, Web Client, Thin Client for MAC, Mobile Application (IOS and Android) and TCP Based Health Status 1 SATA HDD Support (6TB Capacity, Hard disk Not Included) Save up to 50% on Storage with Adaptive Recording & Camera-wise Recording Retention SMS & Email Notification / Calling from Mobile Application Cascading: Built-in CMS to Monitor and Manage Multiple Matrix NVRs ONVIF and major Camera brands support	1 No.		
2	IP 2 MP IR Bullent Camera - SONY / HICKVISION / MATRIX 1 / 2.8" Sony - CMOS (Exmore Technology-Starvis Series) 2MP, OLux with IR LED on 3.6 mm board lents/F1.2 Field of View; 90 degrees/56 degrees 4 Array LEDs with IR distance of 20-30 m Video Analytics: Trip wire, Intrusion detectioun and motion detection H.265/H.264/M-JPEG Vdeo Compression PoE support, NAS storage, SD card (128 GB) Quad stream support True WDR, 2D and 3D Noise Reduction, Adaptive Streaming, Smart Streaming and ROI IP66, BIS, CE, FCC and RoHS	1 No.		
3	IR Dome PTZ Camera - SONY / HICKVISION / MATRIX 2 MP IR Dome PTZ with 30 x Zoom CIDRP20VL130CW 1/2.8" Progressive Scan CMOS 2MP, 0.05 Lux (F1.6, AGC ON), Olux with IR, B/W: 0.01Lux (F1.6, AGC ON), Olux with IR 30x Optical Zoom, 4.3-129 mm Varifocal Lens 6 Piece IR Array LEDs with IR Distance of 100 m 1 Audio Input & 1 Audio Output Video Analytics: Trip Wire, Intrusion Detection and Motion Detection SD Card (128GB), H.264/M-JPEG, Dueal Stream Accessory Included: L-Bracket for Mounting, Power Adapter IP66, TVS 4, 000V Lightning Protection, Surge Protection and Voltage Transient Protection	1 No.		
4	Cat 6 Cable	Per Mtr.		
5	4 TB Hard Disk each DVR / NVR (To maintain 3 months recordings)	4 No.		
6	8 Port POE Switch	1 No.		
7	Camera Fitting Charges	1 No.		
8	Installation Charges	1 No.		
	Total Rs. :			

NATIONAL INSTITUTE OF BANK MANAGEMENT

QUOTATION FORM

CCTV PROPOSAL FOR GREENBELT AREA

(II)

Sr. No.	Item Description	Quantity	Rate (Rs.)	Amount (Rs.)
1	Make NVRBS - SONY / HICKVISION / MATRIX (Model _____) 8 Channel Standard Network Video Recorder 8 IP Channel Inputs VGA and HDMI Outputs 4 X 4K/16 x 1080P/64 x D1 Decoding 1080P, 720P; D1 Recording Resolution with H.265, H.264, MPEG-4 and Motion JPEG CMS, Web Client, Thin Client for MAC, Mobile Application (IOS and Android) and TCP Based Health Status 1 SATA HDD Support (6TB Capacity, Hard disk Not Included) Save up to 50% on Storage with Adaptive Recording & Camera-wise Recording Retention SMS & Email Notification / Calling from Mobile Application Cascading: Built-in CMS to Monitor and Manage Multiple Matrix NVRs ONVIF and major Camera brands support	1 No.		
2	IP 2 MP IR Bullent Camera - SONY / HICKVISION / MATRIX (Model _____) 1 / 2.8" Sony - CMOS (Exmore Technology-Starvis Series) 2MP, OLuS with IR LED on 3.6 mm board lends/F1.2 Field of View; 90 degrees/56 degrees 4 Array LEDs with IR distance of 20-30 m Video Analytics: Trip wire, Intrusion detection and motion detection H.265/H.264/M-JPEG Vdeo Compression PoE support, NAS storage, SD card (128 GB) Quad stream support True WDR, 2D and 3D Noise Reduction, Adaptive Streaming, Smart Streaming and ROI IP66, BIS, CE, FCC and RoHS	2 Nos.		
3	IR Dome PTZ Camera - SONY / HICKVISION / MATRIX 2 MP IR Dome PTZ with 30 x Zoom CIDRP20VL130CW 1/2.8" Progressive Scan CMOS 2MP, 0.05 Lux (F1.6, AGC ON), Olux with IR, B/W: 0.01Lux (F1.6, AGC ON), Olux with IR 30x Optical Zoom, 4.3-129 mm Varifocal Lens 6 Piece IR Array LEDs with IR Distance of 100 m 1 Audio Input & 1 Audio Output Video Analytics: Trip Wire, Intrusion Detection and Motion Detection SD Card (128GB), H.264/M-JPEG, Dyeal Stream Accessory Included: L-Bracket for Mounting, Power Adapter IP66, TVS 4, 000V Lightning Protection, Surge Protection and Voltage Transient Protection	1 No.		
4	Cat 6 Cable	Per Mtr.		
5	4 TB Hard Disk	1 No.		
6	8 Port POE Switch	1 No.		
Total Rs. :				

NATIONAL INSTITUTE OF BANK MANAGEMENT

QUOTATION FORM

CCTV PROPOSAL FOR HOSTEL NO. I TO IV

(III)

Sr. No.	Item Description	Quantity	Rate (Rs.)	Amount (Rs.)
1	Make NVRBS - SONY / HICKVISION / MATRIX 8 Channel Standard Network Video Recorder 8 IP Channel Inputs VGA and HDMI Outputs 4 X 4K/16 x 1080P/64 x D1 Decoding 1080P, 720P; D1 Recording Resolution with H.265, H.264, MPEG-4 and Motion JPEG CMS, Web Client, Thin Client for MAC, Mobile Application (IOS and Android) and TCP Based Health Status 1 SATA HDD Support (6TB Capacity, Hard disk Not Included) Save up to 50% on Storage with Adaptive Recording & Camera-wise Recording Retention SMS & Email Notification / Calling from Mobile Application Cascading: Built-in CMS to Monitor & Manage Multiple Matrix NVRs ONVIF and major Camera brands support	1 No.		
2	IP 2 MP IR Bullent Camera - SONY / HICKVISION / MATRIX 1 / 2.8" Sony - CMOS (Exmore Technology-Starvis Series) 2MP, OLuS with IR LED on 3.6 mm board lends/F1.2 Field of View; 90 degrees/56 degrees 4 Array LEDs with IR distance of 20-30 m Video Analytics: Trip wire, Intrusion detection and motion detection H.265/H.264/M-JPEG Vdeo Compression PoE support, NAS storage, SD card (128 GB) Quad stream support True WDR, 2D and 3D Noise Reduction, Adaptive Streaming, Smart Streaming and ROI IP66, BIS, CE, FCC and RoHS	2 Nos.		
3	IP 2MP IR Dome Camera - SONY / HICKVISION / MATRIX (Model _____) 2MP IR Dome Camera with 3.6 mm Lens 1/2.8" SONY - CMOS (Exmore Technology - Starvis Series) 2MP at 30fps, Olux with IR LED on, 3.6 mm Board Lends/F1.2 Field of View : 90 degrees 30 Through hole LEDs with IR Diustance of 20-30m Video Analytics: Trip Wire, ntrusion Detection and Motion Detection H.265/H.264/M-JPEG Video Compression PoE Support, NAS Storage, D Card (64GB),Quad Stream Support, True WDR, 2D and 3D Noise Reduction, Adaptive Streaming,Smart Streaming and ROI IP66, CE, FCC and RoHS	4 Nos..		
4	Cat 6 Cable	Per Mtr.		
5	4 TB Hard Disk	1 No.		
6	8 Port POE Switch	1 No.		
	Total Rs. :			

NATIONAL INSTITUTE OF BANK MANAGEMENT

QUOTATION FORM

CCTV PROPOSAL FOR F-1/F-2 BUILDING

(IV)

Sr. No.	Item Description	Quantity	Rate (Rs.)	Amount (Rs.)
1	Make NVRBS - SONY / HICKVISION / MATRIX 8 Channel Standard Network Video Recorder 8 IP Channel Inputs VGA and HDMI Outputs 4 X 4K/16 x 1080P/64 x D1 Decoding 1080P, 720P; D1 Recording Resolution with H.265, H.264, MPEG-4 and Motion JPEG CMS, Web Client, Thin Client for MAC, Mobile Application (IOS and Android) and TCP Based Health Status 1 SATA HDD Support (6TB Capacity, Hard disk Not Included) Save up to 50% on Storage with Adaptive Recording & Camera-wise Recording Retention SMS & Email Notification / Calling from Mobile Application Cascading: Built-in CMS to Monitor & Manage Multiple Matrix NVRs ONVIF and major Camera brands support	1 No.		
2	IP 2 MP IR Bullent Camera - SONY / HICKVISION / MATRIX (Model _____) 1 / 2.8" Sony - CMOS (Exmore Technology-Starvis Series) 2MP, OLux with IR LED on 3.6 mm board lends/F1.2 Field of View; 90 degrees/56 degrees 4 Array LEDs with IR distance of 20-30 m Video Analytics: Trip wire, Intrusion detection and motion detection H.265/H.264/M-JPEG Vdeo Compression PoE support, NAS storage, SD card (128 GB)Quad stream support True WDR, 2D and 3D Noise Reduction, Adaptive Streaming, Smart Streaming and ROI IP66, BIS, CE, FCC and RoHS	4 Nos..		
3	IR Dome PTZ Camera - SONY / HICKVISION / MATRIX 2 MP IR Dome PTZ with 30 x Zoom CIDRP20VL130CW 1/2.8" Progressive Scan CMOS 2MP, 0.05 Lux (F1.6, AGC ON), Olux with IR, B/W: 0.01Lux (F1.6, AGC ON), Olux with IR 30x Optical Zoom, 4.3-129 mm Varifocal Lens 6 Piece IR Array LEDs with IR Distance of 100 m 1 Audio Input & 1 Audio Output Video Analytics: Trip Wire,Intrusion Detection and Motion Detection SD Card (128GB), H.264/M-JPEG, Dyeal Stream Accessory Included: L-Bracket for Mounting, Power Adapter IP66, TVS 4, 000V Lightning Protection, Surge Protection and Voltage Transient Protection	1 No.		
4	Cat 6 Cable	Per Mtr.		
5	4 TB Hard Disk	1 No.		
6	8 Port POE Switch	1 No.		
Total Rs. :				

NATIONAL INSTITUTE OF BANK MANAGEMENT

QUOTATION FORM

CCTV PROPOSAL FOR MULTIPURPOSE HALL / GYMNASIUM AREA

(v)

Sr. No.	Item Description	Quantity	Rate (Rs.)	Amount (Rs.)
1	Make NVRBS - SONY / HICKVISION / MATRIX (Model _____) 8 Channel Standard Network Video Recorder 8 IP Channel Inputs VGA and HDMI Outputs 4 X 4K/16 x 1080P/64 x D1 Decoding 1080P, 720P; D1 Recording Resolution with H.265, H.264, MPEG-4 and Motion JPEG CMS, Web Client, Thin Client for MAC, Mobile Application (IOS and Android) and TCP Based Health Status 1 SATA HDD Support (6TB Capacity, Hard disk Not Included) Save up to 50% on Storage with Adaptive Recording & Camera-wise Recording Retention SMS & Email Notification / Calling from Mobile Application Cascading: Built-in CMS to Monitor and Manage Multiple Matrix NVRs ONVIF and major Camera brands support	1 No.		
2	IP 2 MP IR Bullent Camera - SONY / HICKVISION / MATRIX (Model _____) 1 / 2.8" Sony - CMOS (Exmore Technology-Starvis Series) 2MP, OLuS with IR LED on 3.6 mm board lends/F1.2 Field of View; 90 degrees/56 degrees 4 Array LEDs with IR distance of 20-30 m Video Analytics: Trip wire, Intrusion detection and motion detection H.265/H.264/M-JPEG Vdeo Compression PoE support, NAS storage, SD card (128 GB) Quad stream support True WDR, 2D and 3D Noise Reduction, Adaptive Streaming, Smart Streaming and ROI IP66, BIS, CE, FCC and RoHS	1 No.		
3	IR Dome PTZ Camera - SONY / HICKVISION / MATRIX 2 MP IR Dome PTZ with 30 x Zoom CIDRP20VL130CW 1/2.8" Progressive Scan CMOS 2MP, 0.05 Lux (F1.6, AGC ON), Olux with IR, B/W: 0.01Lux (F1.6, AGC ON), Olux with IR 30x Optical Zoom, 4.3-129 mm Varifocal Lens 6 Piece IR Array LEDs with IR Distance of 100 m 1 Audio Input & 1 Audio Output Video Analytics: Trip Wire, Intrusion Detection and Motion Detection SD Card (128GB), H.264/M-JPEG, Dueal Stream Accessory Included: L-Bracket for Mounting, Power Adapter IP66, TVS 4, 000V Lightning Protection, Surge Protection and Voltage Transient Protection	1 No.		
4	Cat 6 Cable	Per Mtr.		
5	4 TB Hard Disk	1 No.		
6	8 Port POE Switch	1 No.		
	Total Rs. :			

NATIONAL INSTITUTE OF BANK MANAGEMENT

QUOTATION FORM

PROPOSAL FOR RECONDITIONING OF OLD SYSTEM

(vi)

Sr. No.	Item Description	Quantity	Rate (Rs.)	Amount (Rs.)
1	RG 6 Cabling	Per Mtrs.		
2	2 Core Power Cable 1 sq.mm.	Per Mtrs.		
3	BNC Connector	Each		
4	DC Pin	Each		
5	Re-installation charges of old system	Job		
6	Installation/Commissioning for New Equipment	Job		
	Total Rs. :			

1	Taxes - Items - I + II + III + IV + V + VI			
2	Delivery Time			
3	Validity of Quotation			

Date : _____

Agency Seal
 Authorised Person's Signature