इंडियन बैंक अंचल कार्यालय लखनऊ द्वितीय तल , नया भवन, हजरतगंज, लखनऊ - 226001 दूरभाष 0522- 3515983



आपका अपना बैंक/YOUR OWN BANK

INDIAN BANK ZONAL OFFICE LUCKNOW

2nd Floor, New Building, Hazratganj, Lucknow-226001 Phone: 0522 3515983

Date: 18.03.2024

ZOL/ DEPT/SEC/2023-24

Tender Notice for Empanelment of Vendors for supply, installation and maintenance of CCTV with Network Video Recorder (NVR)/DVR in the branches under Lucknow Zone

Deputy General Manager, Indian Bank, Zonal Office Lucknow, Add: 2nd Floor, New Building, Hazratganj, Ashok Marg, Lucknow-226001 invites sealed tenders for empanelment of vendors in two bid system i.e. Technical Bid and Financial bid distinctly marked from Manufacturers and/or Authorized dealers of CCTV with Network Video Recorder (NVR) with proven capabilities in supply, installation, commissioning and maintenance of CCTV at approximately 88 branches/Offices in phased manner under Zonal Office Lucknow.

1. Office of Issue

INDIAN BANK

Zonal Office Lucknow 2nd Floor, New Building, Hazratganj, Ashok Marg, Lucknow-226001

2. Time & Date for submission of Tender by vendors

By 5.00 P.M., 02.04.2024

3. Tender (Technical bid) opening date & time

03.04.2024 at 3.00 PM

4. Details of items:

a. Description & specification

Destination for delivery, Installation and maintenance

As per technical specifications contained in Annexure-A
Approximately 89 branches/Offices in phased manner

b. Delivery & installation

Within 2 weeks of issuing work order

5. Technical bid Envelope to contain:

Annexure-A - Technical Bid (Part I to III)

Containing information about the company and product profile and Technical specifications for supply Installation of NVR Based CCTV System

Annexure-B General Rules & Instructions for the guidance of Suppliers duly confirmed by vendor.

6. Price Bid Envelope to contain:

Annexure-C - Price Bid CCTV Surveillance System

The Tender document completed in all respect should be

addressed to:

The Deputy General Manager
INDIAN BANK
ZO: Lucknow., 2nd Floor, New
Building, Hazratganj, Ashok Marg,
Lucknow-226001

All information contained herein and the enclosures are confidential information. By accepting this material, the recipient vendor agrees that the confidential information will be held in confidence and will not be reproduced, disclosed, or used in whole or in part without prior permission of Indian Bank. Similarly, Indian Bank will not divulge any information contained in the offers of vendors without their consent, except to the extent of reading out the technical and price specifications and details to all vendors at the time of tender opening for the purpose of obtaining adequate level of transparency.

The scope of the work would cover supply, installation, training and handing over of all materials implementation, integration and maintenance of required Hardware and Software for CCTV with Network Video Recorder (NVR)/DVR as per specification.

Only those bidders, satisfying the eligibility criteria as mentioned herein below, should respond.

1. Eligibility Criteria:

- 1.1 The bidder should be a profitable company for last 3 years with a minimum single order executed amounting to Rs. 5 lac. Copies of annual reports and audited balance sheet for the last three years ending on 31.03.2023, 31.03.2022 and 31.03.2021 should be provided.
- 1.2 The bidder should have the experience of supply, implementation, integration and maintenance of CCTV with Network Video Recorder (NVR) at least for last 3 years in India. Documentary proof should be provided in support of experience like order copy/contract copy/certificate from customer.
- 1.3 The bidder should have installed CCTV with Network Video Recorder (NVR) preferably in Public Sector Bank/Public Sector Financial Institution in India. Documentary proof should be provided in support like order copy/contract copy/certificate along with customer satisfaction to be enclosed.
- 1.4 The bidder should be original manufacturer of product or their authorized representative. In case of authorized representative, a letter of authorization/ dealership to this effect from original manufacturer must be furnished. This letter should specify that in case authorized representative is not able to provide support/upgrade during contract period, original manufacturer shall provide same for at least 03 years.
- 1.5 The responses to this EOI (Expression of Interest) must be complete and comprehensive with explicit documentary evidence in support of all the eligibility criteria mentioned herein above (copies of Purchase Orders / Installation Certificates/ Auditor's certificates etc.)
- 1.6 The bidder should have well equipped after sales service centre in Lucknow in proximity to **UP(East)** with requisite spare parts etc. preference shall be given to the Manufacturers whose plant have ISO 9000 series or equivalent Certificate for quality Management.
- 1.7 The manufactures /dealer distributor should have never been blacklisted by any other public sector bank/ Financial Institution.
- 1.8 The specifications given in Appendices are the minimum requirement. Specifications on the higher are acceptable with minimum cost. Specifications lower than the prescribed shall not be acceptable.
- 1.9 The Tenderer should be willing to maintain the existing DVR based CCTV system under Non-comprehensive AMC for a minimum period of one year from the date of contract.

2. Document to be submitted:

Bidders who wish to respond to this EOI should submit the information supported by the following documents: -

- **2.1 Product Literature**: Applicant shall furnish as a part of bid documents establishing the applicant's ability to supply the material. The applicant shall also submit documentary evidence in the form of literature, drawing & data on the CCTV/ IP Camera with NVR server / products in different categories offered.
- 2.2 Testimonials to be submitted along with the Application Form are as under: (Enclose attested photocopies of all relevant documents as mentioned in the list of testimonials and other required documents, wherever required)
 - Company Registration Certificate showing the activities of the Company.
 - · GST Registration Certificate.
 - PAN / TAN Card
 - IT Return for the last 3 Financial Years i.e., 2019-20, 2021-22, 2022-23
 - · Chartered Accountant Certified/Audited Balance Sheet.
 - ESI & EPF Registration certificates and ESI & EPF Challan paid for the last 12 Months.
 - GST Challan for 12 months.
 - Work Orders received from reputed Banks/ PSUs/ Financial institutes mentioning nature of work and their value.
 - "Performance Certificates" of successful work in support of dealing with Public Sector Bank for the current year.
 - · List of clients, addresses and their contact numbers.
 - A valid (current year) Direct Authorized Dealer Certificate of Original Equipment Manufacturer (OEM) Technical Specifications/Brochure of the product offered.
 - Back-to-back agreement with each of the equipment Manufacturer, so that direct support for maintenance, spares and upgrades is available for at least 5 years.
- 2.3 Client-wise present installed base of CCTV with Network Video Recorder (NVR) / DVR with supporting documents.
- 2.4 Copy of agreement or any other legal document between the manufacturer and the bidder where the former has authorized the latter to sell and service its products.

(Incomplete responses without the required documents are liable to be rejected)

- 2.5 Venders are required to specify Make and Model of all the equipments quoted for. Technical Literature/brochures regarding the products should invariably be provided along with technical part of the bid.
- 2.6 Vendors are requested to submit sealed tender in envelope super scribed" TENDER FOR INSTALLATION OF NVR CCTV SYSTEMS AND ITS MAINTENANCE" and this envelope should contain two separate envelops super scribed as detailed below:-

ENVELOPE NO 1: Technical Bid

ENVELOPE NO 2: Financial Bid/ or Commercial Bid

2.7 Rates have to be quoted in figures as well as in words, and in case of discrepancies between the prices written in words and figures, the price written in words shall be considered as correct.

- 2.8 The tenderer shall submit their offers strictly in accordance with the terms and conditions of the Tender Document. Any tender that stipulates conditions contrary to the conditions given in the tender document shall be liable for rejection.
- 2.9 All the documents attached to the tenders in original in two separate envelopes duly signed, stamped and sealed should reach to "Deputy General Manager, Indian Bank, Zonal Office Lucknow, 2nd Floor, New Building, Hazratganj, Ashok Marg, Lucknow-226001" latest by 5.00 PM on 02.04.2024. The Technical bids will be opened on 03.04.2024 at 3.00 PM at Zonal Office Lucknow. Those who qualify the technical parameters will only be intimated about opening of their financial bids and finalization of the process.
- 2.10 The Bank reserves the right to accept/ reject any or all offers submitted in response to this notice without assigning any reason whatsoever. The Bank further reserves the right to issue Request for Proposal (RFP) to vendors it deems eligible and qualified based on the evaluation of the responses received. The unsealed tenders and tenders incomplete in any respect will be rejected out rightly.
- 2.11 Tender document can be downloaded from Bank's website www.indianbank.in and the vendor shall have to enclose the application fees of Rs.1000/- plus GST @18% Total Rs.1180- by way of DD favouring Indian Bank, Payable at Lucknow along with the Technical Bid, at the time of submission of Tender. Tender document will not be sent to any agency by post from our office. Firms registered under MSME are exempted from payment of cost of tender document and EMD as per Govt. guidelines.
- 2.12 The Bank reserves the right to verify any information/document furnished by the Tenderer, should the circumstances so warrant in the overall interest of the Bank.
- 2.13 Tender submitted in accordance with the terms & conditions and complete in all respects & as per Performa only will be considered. The word 'Bank' indicated in this notice and enclosed documents would mean 'INDIAN BANK".

3 Evaluation Process:

- (a). Bank will evaluate the application for EOI's on Pre-qualification mandatory requirements based on eligibility criteria as provided in the tender document, Annexure & attached documents.
- (b). Only the short listed applicants would then be required to make a demonstration & presentation on their capabilities and their proposed methodology for execution of this project on all the Technical specifications of the Bank at date, time and place (to be intimated later) at Zonal Office Lucknow.
- (c). Financial bid of final short listed applicants only will be opened.
- (d) Maximum of 03 Vendors shall be empanelled subject to acceptance of L1 Rates and work awarded at 50:30:20. In case only 02 Vendors are empanelled work shall be awarded at 60:40 and in case a single Vendor is empanelled, the complete work shall be awarded to the same Vendor.
- (e). The Bank reserves the right to reject any or all Expression of Interest without assigning any reasons whatsoever. The Bank also reserves the right to change or modify any specification/configuration on a later date/during the process of bidding/ demonstration/actual installation of the system.
- (f). Bank may go either for pilot testing at few branches or installation at identified branches.

Earnest Money Deposit

Earnest Money Deposit of Rs.25,000/- (Rupees twenty five Thousand only), in the form of Demand Draft drawn in favour of Indian Bank, payable at Lucknow. The EMD should be enclosed with the Technical bid. Offers not accompanied with Earnest Money Deposit of Rs.25,000/- will not be accepted. Bank guarantee in lieu of Earnest money deposit will



<u>not be accepted.</u> No interest will be payable on the EMD. The EMD will be returned to the unsuccessful bidder.

Clarifications:

For any clarifications, regarding the tender at any stage the details of the contact persons are given below.

Name	Harish C. Verma
Designation	Manager (Security)
Telephone No.	0522-3511461/3515984
E-mail id	z064@indianbank.co.in

Deputy General Manager

Forwarding Letter (To be submitted by Vendor)

The Deputy General Manager Indian Bank, Zonal Office Lucknow Near roadways bus stand, Baharaich road, Lucknow-226001

Dear Sir,

Application for Empanelment of Vendors for supply, installation and maintenance of CCTV with Network Video Recorder (NVR) in the branches under Lucknow Zone

With reference to your advertisement for captioned work, we submit herewith our application form for expression of interest with required list of enclosures duly filled, duly signed and sealed by the authorized signatory of our organization, on the standard format.

I/We hereby confirm that all information, particulars, copies of certificates and testimonials in connection with my above mentioned empanelment of vendor, for supply, installation and maintenance of ------(Category / Name of work to be mentioned by the Applicant) are correct and genuine. I/We, am/are, therefore liable to face the appropriate actions as deemed fit by the bank in the event of any of the information, particulars, copies of certificates and testimonial is not found correct/genuine or not attached as required documents.

We undertake to produce the original of all the papers/documents attached herewith and assist the Bank authorities for the purpose of empanelment including demonstration / trial run of equipment at our own cost.

I/We understand and undertake that mere submission of application does not guarantee us empanelment and Banks discretion in this regard will be final and binding on us.

We are enclosing the following DDs towards cost of tender document and EMD.

Yours faithfully,

Authorised Signatory with seal of the company/firm.



GENERAL & TECHNICAL INFORMATION PART I TECHNICAL BID (Company Profile)

Sl. No.	PARTICULARS OF THE COMPANY	
1	Name of the Company / Firm /	
	Proprietorship	
2	Full Address	PART AND RESERVED FOR
3	Telephone & Mobile No.	
4	Fax No.	
5	E-Mail Address	
6	Constitution of the firm (whether	
	Proprietary / Partnership / Pvt Ltd. /	
	Public Ltd.	
7	Name(of the Proprietor / Partner /	
	Managing Director	
8	Year of Establishment	
9	Registration with the Registrar of Co.	
10	Name(s) of Contact Person (s) with	
	address	
11	Registration with Tax Authority with	
	documents	
	a. Income Tax.	
	b. GST	
	Attach latest IT Return & GST Return	
	filed copy.	
12	EPF Registration No. (Proof)	
13	ESI Registration No (Proof)	
14	Furnish copies of audited Balance Sheet	
1 - 1 -	and Profit & Loss Account for the last 3	
	financial years.(2020-21,21-22,22-23)	
15	Name & address of the Banker, Nature of	
	facilities availed (if any)	
	(Attach Banker's opinion letter on the	
	conduct of the account.	
16	Whether an empanelled vendor for	
122	RBI / SBI/ Nationalised Banks	
	DETAILS OF REGISTRATION	ON WITH OTHER BANKS
II.		
1.	Name of the Bank	
2	Tatal Na of DVD (NVD to 1 CCTV)	
2.	Total No. of DVR / NVR based CCTV	
2	Systems supplied/Installed	
3.	Since when empanelled	

Place: Date:



PART II TECHNICAL BID (PRODUCT PROFILE)

1	Certification wheth conforms to I.S / ISO QUALITY SYSTEM			11'9	
2	Whether CCTV pro Indian Make approved		ire		
3	CCTV equipment mak	e:			
4	Whether MAF for accessories, NVR, Mothe manufacturer.				3
5	Warranty period offer Minimum 1 Year	ed for the system	m.		
6	Number of systems s PSB/FI (attach Proof)	so far supplied	to		
7	Attach performance co	ertificates from t	he		
8	LIST O	F ORDERS EXI	ECUTED IN I	LAST THREE	YEARS
		OR	DER DETAII	LS	
SI. No.	Name of the Bank	Date of installation	Amount	Type of system	No. of Systems
					4

Order copy should be enclosed:

Financial Details

Year	Audited Balance sheet provided	Turn Over of the Company	Profit company	of	the
2020-21	Yes/No				2 7 2
2021-22	Yes/No				
2022-23	Yes/No				

		WORK	SERVICE N	ETAILS ABOU		9
ne of the ract person ress/phone	Contra	the office	No. of Engineers / persons	Status of the office	Location of the service centre	SI. No.
1/8	ंत्रल व		No. of the			

Place:

Date:

AUTHORISED SIGNATORY



TECHNICAL SPECIFICATIONS FOR SUPPLY & INSTALLATION OF NVR BASED CCTV SYSTEM

SI. No.	Items	Technical Parameter	Compliance
1	Network Recorder (NVR)	MAKE:	
2	Hard Disk- Surveillance Grade		
3	IP Camera- 2 MP-	(Seagate/WD or equivalent). Bullet / Dome type 2 MP: ½.8" Progressive CMOS, ICR, 0lux with IR, 1920/1080:25 fps (P)/30fps(N) H.265+/H.265/H.264/MJPEG, DC 12V & PoE, 3D DNR, BLC, IR range up to 50m, support on – board card slot –S: Audio/Alarm IO connectors,	
4	Stand alone IP Camera	1/3" Progressive CMOS/ ICR/ Olux with IR/4mm@ F2.2 (1920/1080) /H.264/DC5V /DWDR/3DDNR/BLC/ Smart Motion Detection / Smart Motion Tracking/ On-board Card Slot up 128 GB)/ built – microphone/ up to 10m IR/Wi-fi with Software smart – config via mobile phone	1
5	Network Switch for NVR and Cameras	Unmanaged Power over Ethernet (POE), 8 100M Poe, 1 100M uplink port, 250m Transmission, 6 KV Surge Protection, 58W	
6	Network cable	Cat 6 (T P Link) Cabling BIS certified	
7	Micro SD Card/SD Card	128 GB Micro SD/SD Card (Class 10 UHS 3)	
8	Monitor TFT, Full HD Monitor With dual HDMI/VGA Port supported	Make: SAMSUNG /LG/Acer/Sony With HDMI & VGA port (TWO Port) 24" TFT Monitor suitable for operation on 220 Voltage 50Hz power supply required CE/FCC Certified.	

Place:

Date:

AUTHORISED SIGNATORY



GENERAL RULES AND INSTRUCTIONS FOR THE GUIDANCE OF VENDOR

- 1. The vendor should quote in figures as well as in words the rate, and amount tendered by them. The amount for each item should be worked out and the requisite totals given. The rates quoted shall be all inclusive rates for the item of work described, including materials, labour, tools & plant, carriage & transport, supervision, overheads & profits, mobilizing and other charges whatsoever including any anticipated or un-anticipated difficulties etc. complete for proper execution of the work as per drawings and specifications and no claim whatsoever for any extra payment shall be maintainable.
- 2. TENDER IN FULL OR IN PART AND THE SUPPLIER SHALL HAVE NO CLAIM FOR REVISION OF RATES/OTHER CONDITIONS IF HIS TENDER IS ACCEPTED IN PART.
- 3. The acceptance of a tender will rest with the Bank which does not bind itself to accept the lowest tender, and reserves to itself the authority to reject any or all of the tenders received without assigning any reason. All tenders in whom any of the prescribed conditions are not fulfilled or are incomplete in any respect, are liable to be rejected.
- 4. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection outrightly.
- 5. All rates shall be quoted on the proper form of the tender alone. Quoted rates and units different from prescribed in the tender schedule will be liable for rejection.
- 6. Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of discrepancy between the two, rates written in words only shall be considered
- 7. Sales tax, work contract tax, or any other tax, any royalties, duties, levies, cess, entry tax, Octroi, profession tax, purchase tax, turnover tax, or any other tax on material or finished work in respect of this contract shall be payable by the supplier and the Purchaser/Bank will not entertain any claim whatsoever in respect of the same, and nothing extra shall be payable.
- 8. Bank does not bind itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of the tender and the supplier shall be bound to perform the same at the rate quoted.
- On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Bank shall be communicated to the Bank.
- 10. Tender should be submitted within the prescribed date and time. Offers received late will not be accepted. Indian Bank will not be responsible for any postal/courier delays.
- 11. Being a techno economical project, besides the capital cost the AMC charges for 3 years (3 years + warranty period) will also be evaluated. Therefore, the suppliers / contractors shall furnish the AMC charges in the price bid for 3 years and terms of AMC shall be furnished in the technical & commercial bid clearly furnishing the details regarding the scope of AMC, details of spares, consumables & equipments covered and also details of exclusions, if any. Any abnormal /Zero amount will be rejected.
- 12. PAYMENT TERMS, ADVANCE PAYMENT & ITS RECOVERY ::
- All bills shall be prepared by the contractor in the form agreed or furnished by the Bank.



- 100% payment will be made by respective branches after supply and installation of CCTV systems at specified location. The supplier has to submit the invoice to Respective Branches and submit a copy duly certified by the branch for satisfactory installation of NVR based CCTV systems.
- 10% amount of total order cost shall be kept as security money in the form of FD in the name
 of Indian Bank Lucknow for three years by respective Zonal Office Lucknow for
 satisfactorily functioning of CCTV and the same amount of with interest of FD shall be
 released on termination of Comprehensive AMC.

13. MAINTAINANCE OF CCTV SYSTEM

- A) MAINTAINCE DURING DEFECT LIABILITY PERIOD OR WARRANTY PERIOD
- The supplier shall maintain all Equipment free of cost and ensure that, it works as per tender
 parameters. All spares required for normal operation as per tendered para-meters shall be
 replaced at no extra cost. The number of visits shall be same as stipulated in Comprehensive
 Annual Maintenance contract.
 - B) COMPREHENSIVE ANNUAL MAINTAINANCE. (CAM) (After the defect liability period)
- The supplier shall maintain all the equipment for a period of Three years after the expiry of
 defect liability period and ensure that it works as per the tendered parameters. The rate of
 annual maintenance charges shall be furnished for a period of three years after the expiry of
 warranty/defect liability period and the rates quoted shall be binding on the supplier.
- 14. The supplier shall offer the following at no extra cost to the bank. The rate quoted for Comprehensive Annual Maintenances Charge (CAMC) should include the following.
 - 14.1 The supplier shall maintain all System and ensure that it works as per the tendered parameters.
 - 14.2. All the repairs and replacements of spares shall be carried out which are necessitated due to usage of system as per tender stipulations. However the repairs and replacements necessitated by loss or damage due to misuse or accident, fire or natural calamities shall be out of the scope of CAMC.
 - 14.3. The supplier shall inspect the equipment at least once in 3 months as a part of preventive Maintenance. This is apart from any breakdown visits that may be required which may emanate in between the two preventive maintenance inspections.
 - 14.4. The maximum breakdown time shall be 24 hours from the time of receiving the complaint over phone / Email. If the supplier is not in a position to set right the defect or repair and put back the system to working condition within one hour, a standby unit of to suit the tender parameters should be provided immediately. Penalty will be imposed Rs. 150 per day/per branch in case not attending any branch within 24 hours of lodgment of complaint by any communication (phone call or email). Defaulter of complaint continuously such three complaints shall be liable to terminate running contract with penalty action.
- 14.5 During the Preventive Maintenance the supplier shall inspect/ check the equipment and record the following in log book, which shall be verified and confirmed by the bank's representative.
 - a. CCTV system: Any malfunctioning of the components.
 - b. Any other remarks regarding the Electrical System:
 - c. Any steps to be taken by bank for working of system.
- 14.6 During the preventive Maintenance inspection supplier shall carryout the general cleaning and tighten the loose contact of the complete system including wiring, if any, apart from the other requirements for functioning of system as per tender parameters and same shall be recorded in a log book which shall be verified and confirmed by bank's representative.

14.7 During the break down calls, the nature of repair carried out, parts replaced etc. shall be recorded in the log book.

OTHER TERMS WITH REGARD TO CAMC:

- 1. The rate of annual maintenance charges shall be furnished for a period of 3 years after the warranty/Defect Liability Period and rates quoted shall be binding on the supplier. The scope and terms of Annual Maintenance Contract like number of monthly visits, items covering under Annual Maintenance Contract, replacement of spare exclusions if any, down time for break down and service calls are to be highlighted in the tender. The Bank reserves the right of discontinuing the Annual Maintenance Contract from the contractor during the tenancy of Annual Maintenance Contract. The cost of Annual Maintenance Charges shall also be one of the criteria in evaluation of cost economics of the tender.
- The Annual Maintenance Charges shall be paid once in six months subject to satisfactory
 maintenance for, the period of previous six months. Vendors failing to render requisite
 maintenance service visits shall be paid only on the pro rata basis for the number of
 mandatory service visits.
- 3. The supplier has to maintain the equipment supplied for at-least 3 years after the expiry of warranty period. At the same time, the vendor is expected to make available the spare parts for the systems for at least 3 years after the expiry of warranty period.

Signature of the Supplier/ Contractor (With Seal)

œ	7	0	U	ω	2	H	No.
Storage devices Seagate/WD	Storage devices Seagate/WD	Storage devices Seagate/WD	Network switch for NVR	04 Channel	08 Channel	NVR, 16 Channel	rems
HDD 6 TB(with Third party supporting)	HDD 4 TB(with Third party supporting)	HDD 2 TB (with Third party supporting)	Network switch for NVR and Cameras with Unmanaged POE 16/8/4 100M Power over Ethernet (POE) ,1/100M uplink port,250 M Transmission,6KV Surge Protection 58 W With 3rd party support	O4 Channel NVR with HD quality with Min. Two SATA Port which must be Supporting each slot with 6TB HDDs or more for Minimum 12 TB Hard disk. Compatible with 6 to 8 MP IR & IP Based cameras. NVR Should Support Power over Ethernet (POE) for reduced cabling with 2 way audio support and also support third party cameras recording from Minimum 6MP to 08 MP IP Cameras or more.	08 Channel NVR with HD quality with Min. Two SATA Port which must be Supporting each slot with 6TB HDDs or more for Minimum 12 TB Hard disk. Compatible with 6 to 8 MP IR & IP Based cameras. NVR Should Support Power over Ethernet (POE) for reduced cabling with 2 way audio support and also support third party cameras recording from Minimum 6MP to 08 MP IP Cameras or more.	16 Channel NVR with HD quality with Min. Four SATA Port which must be Supporting each slot with 6TB HDDs or more for Minimum 24 TB Hard disk. Compatible with 6 to 8 MP IR & IP Based cameras NVR Should Support Power over Ethernet (POE) for reduced cabling with 2 way audio support and also support third party cameras recording from Minimum 6MP to 8 MP IP Cameras or more.	recinical specifications
Seagate/Western Digital (WD)	Seagate/Western Digital (WD) Surveillance grade	Seagate/Western Digital (WD) Surveillance grade	Hikvision/Godrej/Samsung/Sony, etc or any other make with BIS certification Mandatory.	Hikvision/Godrej/Sa msung/Sony, etc or any other make with BIS certification.	Hikvision/Godrej/Sa msung/Sony, etc or any other make with BIS certification.	Hikvision/Godrej/Samsung/Sony, etc or any other make with BIS certification.	Model No.
1	-	1	1	-	1	1	Qty.
Rs.	Rs.	RS.		Rs.	RS.	Rs.	Rate/item/ite m/item in Rs.
warranty will be applicable for 24 Months	warranty will be applicable for 24 Months	warranty will be applicable for 24 Months	warranty will be applicable for 12 Months	Guaranty/ warranty will be applicable for 12 Months. As per requirement of branch. Must be install at Server room or any other discrete location of branch and old DVR must be kept in BMs Cabin with monitor.	Guaranty/ warranty will be applicable for 12 Months. As per requirement of branch. Must be install at Server room or any other discrete location of branch and old DVR must be kept in BMs Cabin with monitor.	warranty will be applicable for 12 Months	Guaranty/ warranty

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			accessories in surface/recess			
To be paid as per actual length in meter	Rs.	Per metre	Cat 6 TP (Link) copper cabling with BIS Certification, 3/4 PVC Conduit Pipe along with	its laying. With 3rd party support	Network Capie	;
			concealed place.	Noticel Cable industrial party of the state	Network Cable	17
			May be put away			•
			NVR/DVR safety.			
To see a see of the bigildi.			BIS certification Cost of one steel box	and keys		
As ner actual need of the branch	Rs.	1	With ISI Mark or	Steel Cabinet/Rack D-Link with Lock with lock	Steel Cabinet/Rack	16
warranty will be applicable for 12 Months	Rs.	1	Anchor/Havells ISI Mark	Extension Board	Extension Board	. 12
As per actual need of the branch.	Rs.	1	Standard ISI Mark	Wall mount for Monitor	Wall mount set	14
warranty will be applicable for 12 Months	Rs.	1	24"LED TFT SAMSUNG/Sony/LG	TMT,Full HD Monitor SAMSUNG/Sony/ LG For 16 Channels NVR. With dual HDMI & VGA Port supported	Monitor	13
warranty will be applicable for 12 Months.	Rs.	1	19"LED TET SAMSUNG/Sony/LG	TMT, Full HD Monitor SAMSUNG/Sony/LG for 08 Channels NVR. With dual HDMI & VGA Port supported	Monitor	12
				DWDR /3D DNR/BLC / Smart Motion Detection /Smart Motion Tracking /onboard card slot (up to 128GB)/ Build in microphone / up to 10meter IR / WIFI with software smart config.via mobile phone. (with two-way communication)	support	
warranty will be applicable for 12 Months	Rs.	1	DAHUA/Hikvision/Go drej/Samsung/Sony, etc.	Z,S	Standalone IP Camera With IR With 3rd party	=
7			•	POE,3D DNR,BLC,IR Range: Up to 50 Meters, Support on Board card Slot-S/Audio/alarm IO Connector (with two-way communication)	5	
warranty will be applicable for 12 Months	Rs.	1	DAHUA/Hikvision/Go drej/Samsung/Sony, etc.	IP Camera 2.0 Mega pixel IR 2MP: 1/2.8" Progressive CMOS, ICR, 0 lux with IR, 1920x1080: 25FPS / 30FPS(N) H.265+/H.265/H.264/MJpeg. DC12V &	Cameras Bullet / Dome	10
Guaranty/ warranty will be applicable for 24Years.	Rs.	1	Seagate Surveillance/WD (purple)	HDD 8 TB(with Third party supporting)	Seagate/WD	9

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24	23	22	21	20	19	18
AMC	Shifting Charges	Installation	Fitting fixing of Camera and its testing.	CCTV Footage Back Up Charges.	4"X4" Gang Box	RJ 45 Jack
Comprehensive AMC for 03 years, after warranty/ Defect Liabilities period of two year is over.	CCTV unit shifting, re-integration with cables and all fitting accessories, testing and commissioning of total CCTV units / accessories. (Only New installation FRC).	CCTV unit integration with cables and all fitting accessories, testing and commissioning of total CCTV units / accessories. (Only New installation).	Fitting fixing of Camera and its testing.	CCTV Footage Back Up Charges	4"X4" Gang Box.	RJ 45 Jack Connector.
Per Branch per year four quarterly visits are Mandatory	Applicable for New installation only	Inclusive in overall cost	Inclusive in overall cost	Inclusive in overall cost		
14	ь	St.	st	st	ь	1
R.	Rs.	RS.	Rs.	Rs.	Rs.	Rs.
Payment will made to vendor centrally on quarterly basis, on submission of invoice and enclosing all Branches visit reports with serviceability duly authenticated by Branch Managers for the quarters.	For new/Shifting order only.	For new order only.	For Fitting fixing of 02 Cameras and it's testing.	As per requirement of branch Per Occasion. Pen drive will be provided by the branch.	As per requirement of branch	As per requirement of branch

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AUTHORISED SIGNATORY