

### KOLHAPUR DISTRICT CENTRAL CO-OPERATIVE BANK LTD.



# INFORMATION TECHNOLOGY DEPARTMENT

HEADOFFICE: Kolhapur District Central Co-op. Bank Ltd.,

1092, E Ward, Shahupuri, Kolhapur.

Pin - 416001

# REQUEST FOR PROPOSAL (RFP) FOR SUPPLY, INSTALLATION & MAINTENANCE OF CCTV SURVEILLANCE & SECURITY ALARM SYSTEM

REF No.: STORES/Tender/2025-26/001

Release Date: 23/04/2025

PARTICULARS	DEADLINE
Availability of Bid Document on the website	23/04/2025
Last date for receiving queries through e-mail:	30/04/2025 Up to 3: 00 PM
Date of Pre-Bid Meeting	05/05/2025 at 02.00 PM
Last date of bid submission along with Commercial Bid	15/05/2025 up to 3:00 PM
Bank e-mail id for RFP related communication	manager.store@kdccbank.com



### Disclaimer

The information contained in this RFP document or any information provided subsequently to bidder(s) whether verbally or in documentary form by or on behalf of the Bank is provided to the bidder(s) on the terms and conditions set out in this RFP document and all other terms and conditions subject to which such information is provided. This RFP is neither an agreement nor an offer and is only an invitation by Bank to the interested parties for submission of bids. The purpose of this RFP is to provide the bidder(s) with information to assist the formulation of their proposals. While effort has been made to include all information and requirements of the Bank with respect to the solution requested, this RFP does not claim to include all the information each bidder may require. Each bidder should conduct its own investigation and analysis and should check the accuracy, reliability and completeness of the information in this RFP and wherever necessary obtain independent advice. The Bank makes no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this RFP. The Bank may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this RFP.



# Contents

1.	Introduction	4
2.	Detailed Scope of Work	4
3.	Evaluation Procedure	5
4.	Instructions to the Bidders	6
5.	Penalty & Service Level	8
6.	Eligibility Criteria	9
7.	BOM (Bill of Material)	10
7.	Commercial Bid Format	11
8.	Payment Terms and Schedule	11
9.	Annexure-1 Covering Letter for Eligibility cum Technical Bid and Commercial Bid	12
10.	Annexure-2 Commercial Bid Form	13
Com	nmercial Bid For CCTV Surveillance System	13
11.	Annexure-3 Manufacturer's Authorization Form	14
12.	Annexure – 4 Letter of Confirmation	15
13.	ANNEXURE -5 (UNDERTAKING FOR MSME BENEFITS)	16
14.	ANNEXURE -6 Self declaration of not been declared blacklisted	17
15.	ANNEXURE -7 Authorization Letter	18
16.	ANNEXURE -8 Particulars of the Bidder	19
17.	ANNEXURE -9 Technical Specifications	20



# 1. Introduction

Kolhapur District Central Co-operative Bank Ltd., (KDCCB) Kolhapur is a District Co-operative bank in Western region of Maharashtra. The bank is having 191 branches and Head Office have computerized entire operation using Core Banking Solution. KDCC Bank (herein after called 'the Bank) intends to implement CCTV Surveillance & Security Alarm system for Branches. The Bank is inviting proposals from provider for Purchase, Installation and Maintenance of CCTV Surveillance & Security Alarm System to the bank.

This tender is meant for the exclusive purpose of bidding as per the terms and conditions and scope of work indicated. It shall not be transferred, reproduced or otherwise used for purposes other than for which it is specifically issued.

# 2. Detailed Scope of Work

This section provides an inventory of the services required by the Bank. This RFP is for Supply, Installation, and maintenance of CCTV cameras with operation & comprehensive maintenance for surveillance system and for security alarm system at branches of the Bank with centralized monitoring system. The Bidder must support both functional and technical requirements of the bank. The scope of this RFP covers the delivery, installation and maintenance of the following as given below:

- Establishment of CCTV, Centralized monitoring system and security alarm system which are envisaged to fulfil bank's requirement.
- II. The bidder should supply, install and commission the necessary hardware and software at KDCC bank's location i.e. HO and in branches/Divisional Offices.
- III. All accessories shall be ISI mark or of equivalent quality certifications.
- IV. One mandatory quarterly visit per branch/office for proper monitoring and reporting during the project tenure.
- V. Bidder should provide the complete documentation/User Manual of the project both in hard copy and soft copy.
- VI. Bidder should provide undertaking to provide comprehensive Three years On-site Warranty and 4<sup>th</sup>& 5<sup>th</sup> year AMC.comprehensive Three years On-site Warranty includes free replacement of CCTV cameras system with NVR system in case performance is not found satisfactory which may include more than two instances of break down or no performance within the first one year or inefficient/ineffective recording or user unfriendliness of the equipment.
- VII. All the parts of items would be covered under comprehensive warranty If there is any gap between KDCC's requirementand OEM warranty, then it will be the responsibility of Bidder to fill up the gaps. Bidders are requested to provide the item/equipment which are not covered under the warranty/support during the project tenure with the technical document. The bidder has to submit the confirmation as per "ANNEXURE-3: MANUFACTURER AUTHORISATION FORM" that for the subsequent AMC the bidder is taking the AMC support from the OEMs.

VIII. Bidder is expected to offer solution covering all the functionality as mentioned in this RFP



- document. Incomplete responses are liable for disqualification.
- IX. Bidder is responsible to deliver the CCTV, NVR and equipment related to security alarm system at the site location without any additional cost. The material should be covered under insurance till the completion of installation. Bank reserves the right to reject the equipment before the acceptance of any material or equipment if it is found having manufacturing defect or damage. Bank will be assisting to the bidder with letter/declarations to obtain the way bill or any other document from the state government or Central government for the delivery.
- X. Bank will provide workstation/PC for centralized monitoring system for client system as per requirement.
- XI. Back-to-Back OEM support should be available for the maintenance, support, replacement, upgradation, patches/fixes, vulnerability assessment based on periodic bulletins issued by the OEM during the warranty period.
- XII. If the OEM is direct bidder then same OEM should not provide MAF to any other prospective bidder. Otherwise, both the bids will be rejected.

### 2.1 Training

- I. Bidder should provide necessary training to the operation engineers/staff members engaged in the CCTV & security alarm project.
- II. The successful bidder will be responsible for training the designated bank employees. The training should cover installation, implementation, administration, usage, troubleshooting and interpretation of reports, logs etc.
- III. The successful bidder shall also expect to conduct a 1 day workshop for the management of the bank. This workshop should introduce the management to capabilities and functionalities of the implemented solution.
- IV. The training will be held at bank's training centres, regional offices or head office locations specified by the Bank.
- V.The successful bidder will be responsible for providing the users with the requisite training material (for functional training, technical training, and end user training material, job card and other relevant material) in both hard and soft copies

### 3. Evaluation Procedure

- A. Eligibility& Technical Evaluation
- B. Post eligibility evaluation commercial bid will be opened for all the eligible bidders and declare the LOWEST COMMERCIAL PRICE quoted bidder as the WINNER and award letter issued to the Firm/Company. Bank may negotiate with the Lowest commercial quoted by the bidder before issuing award letter.
- C. Bank may reject the RFP process any time without any reason to bidders. Bank's decision is final. Incase If after evaluation of Bids, bank end-ups with one responsive bid only, In such situation, the bid process shall be considered valid even if there is one responsive Bid, provided that: -



- a. The Bid is technically qualified.
- b. The price quoted by the bidder is assessed to be reasonable.
- c. The Bid is unconditional and complete in all respects.
- d. The bidder is qualified as per the provisions of pre-qualification/ eligibility criteria in the bidding document

### 4. Instructions to the Bidders

### 4.1 Two- Bid System Tender

- i. Bidders are required to submit the Eligibility cum Technical Bid and Commercial bid in physical form as per the submission timeline. The Language of Bid should be in English.
- ii. The bidder will take care of submitting the Bid properly filed so that the papers are not loose. The Bids, which are not sealed as indicated above, may be liable for rejection.
- iii. The tender not submitted in the prescribed format or incomplete in any aspect is liable for rejection. The Bank is not responsible for non-receipt of bid within the specified date and time due to any reason including postal delays or Holiday

### 4.2 Submission of Technical Bid:-

- i. The Bidders shall submit the Technical Bid in sealed envelope. If above bid is found not properly sealed, the bid is liable for rejection. The envelope containing technical bid shall be marked as "Technical Bid for Supply, Installation & Maintenance of CCTV Surveillance System& Security Alarm System".
- ii. All the formats need to be filled in exactly as per the pro -forma given in the Annexures and any deviation is likely to cause rejection of the bid.
- iii. The Bank shall not allow/permit changes in the technical specifications once it is submitted.
- iv. The offer may not be evaluated by the Bank in case of non-adherence to the format or partial submission of technical details as per the format given in the RFP.
- v. Non-submission or partial submission of the information along with the offer may result in disqualification of the bid of the concerned bidder.
- vi. The Technical Bid must not contain any price information.

viii. The bidder will also submit copy of the RFP duly stamped and signed on each page by the authorized official of the bidder's company.

- ix. The bidder should submit the required documents with proper index and page number on each page
- x. The Bidder shall prepare two copies of the Technical bid clearly marking each "Original Technical Bid for Technical Bid for Supply, Installation & Maintenance of CCTV Surveillance System& Security Alarm System" and "Technical Bid for Supply, Installation & Maintenance of CCTV Surveillance System& Security Alarm System". In the event of any discrepancy between them, the original shall govern. Original copy of bid security should be submitted with the Original Bid.
- xi. The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the Bid except for un- amended printed literature shall be numbered serially and initialed and stamped by the person or persons signing the bid.
- xii. The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

xiii.Soft copy (in Pen drive) of complete technical bid shall also be submitted along with hard copy.

xiv. The Bidders shall seal the original and copy bids separately.



xv. In addition to the above marking, each envelope must be super-scribed with the following information:

- a. RFP Reference Number.
- b. Name and Address of Bidder.

This will enable the Bank to return the bid unopened in case it is declared unacceptable for any reason whatsoever.

xvi.All the inner and outer envelopes shall be addressed to the Bank at the address given below:

The Chief Executive Officer

Kolhapur District Central Co-operative Bank Ltd.

Head Office: 1092, E Ward, Shahupuri,

Kolhapur. Pin - 416001

xvii.If any inner envelope is found to contain both technical and commercial bids, then that bid will be rejected summarily.

### 4.3 Submission of Commercial Bid:

- i. The Bidders shall submit the Commercial Bid in sealed envelope. If above bid is found not properly sealed, the bid is liable for rejection. The envelope containing commercial bid shall be marked as "COMMERCIAL BID for Supply, Installation & Maintenance of CCTV Surveillance System& Security Alarm System"."
- ii. Soft copy (in Pen drive)with password protected of complete commercial bid shall also be submitted along with hard copy.
- iii. The bidder should certify that the contents of the Pen drive's are the same as that provided by way of hard copy. Letter format for the Bidder's confirmation is given in Annexure 4: "Letter of Conformity with Hardcopy"
- iv. Please note that if any envelope is found to contain both technical & commercial offer, then that offer will be rejected outright.
- v. The envelope must be super-scribed with the following information:
  - a. RFP Reference Number.
  - b. Name and Address of Bidder.
- 4.3 The bidder should not be allowed for Consortium.
- 4.4 For any query the bank's email id is as follows:

manager.store@kdccbank.com

### 4.5 Bid Security - Earnest Money Deposit (EMD)

The bidder shall furnish as part of its bid, bid security of INR 2,00,000/-(Rupees Two Lacs Only ) in the form of RTGS/NEFT only (A/c no.: 000113032000001, IFSC: IBKL0463KDC, A/c Name: - Kolhapur District Central Cooperative Bank Ltd, Branch:: Head Office). Bidder are requested to submit the UTR/fund transfer details with the technical bid response. Otherwise the bid response will be rejected by bank).

The bid security submitted by the bidder shall be forfeited if:

- a) The bidder withdraws the bid within the bid validity period; or
- b) The bidder fails to accept the "Letter of Award" within the given stipulated time; or
- c) The bidder violates any of the provisions of the terms and conditions of this bid document.



- 4.6 **Security Deposit** Successive bidder have to submit security Deposit of Rs 2,00,000/- (Rupees Two Lacs Only) in the form of Bank Deposit with Kolhapur DCC Bank. The period of the deposit will be five years and Bank will provide applicable interest rate for the period.
- 4.7 The bid security will be refunded to:
  - A. The unsuccessful bidder(s), only after acceptance of the "Letter of Award" by the successful bidder and the EMD will be refunded.
- 4.8 Cost of Bid Rs.10,000/- + Rs. 1,800/- (GST) = Rs. 11,800/- (Ten Thousand Eight Hundred Only) in the form of NEFT only (A/c no.: 000113032000001, IFSC: IBKL0463KDC, A/c Name: Kolhapur District Central Cooperative Bank Ltd, Branch:: Head Office). Bidder are requested to submit the UTR/fund transfer details with the technical bid response. If any bid response found without any bid document cost, then the bid will be rejected by the bank.
  - 4.9 The cost of Bid and Earnest Money Deposit (EMD) is not applicable for the valid MSME certified organization. The MSME certified organization has to provide valid certificate along with technical bid.
- 4.10 The bidder should have service Centre at Kolhapur/Pune.
- 4.11 Telex, Cable, Facsimile or E-mail Bids will not be accepted.

# 5. Penalty& Service Level

### **Penalty for Delayed Delivery**

Any short shipment or non-delivery of hardware components within the timelines i.e within 8 weeks of acceptance of PO by successful bidder will attract a penalty of 0.25% of the value of component, for each day of delay.

Notwithstanding what is mentioned here in above or anywhere else in the tender, the maximum amount that may be levied by way of penalty shall on no account exceed 10 % of the Total Contract value and the contract value will be determined at the time of contract finalization.

### Service Level

This Schedule describes the service levels that have been established for the Services offered by the bidder to the Bank. The Bidder shall monitor and maintain the stated service levels to provide quality customer service to bank's customers.

- 1. Response may be telephonic or onsite.
- 2. The availability metrics for only relates to the hardware/solution supplied by the bidder.
- 3. Typical Resolution time will be applicable only if equipment/solution supplied by bidder is down.
- 4. The penalty calculation for support services will be as follows.

### **Resolution of Incident**

SI no	Hardware	Typical Resolution timeline	Penalty		
1	CCTV, NVR and Security Alarm	Hardware is not able to perform successful transaction due to hardware/software issue  Resolution time:24 hours	The rate of penalty will be Rs. 1000 per day of downtime or part there of post the standard resolution timeline.		



# 6. Eligibility Criteria

SI.	Eligibility Criteria	Supporting Documents
1	Bidder should be a legal entity registered in India, since last3 (Three) years under Indian Companies Act 1956 or partnership act 1932 or partnership/LLP act 2013.	Certificate of Incorporation/Partnership deed /shop act and other Documentary evidence to be attached *Consortium is not allowed.
2	The Bidder should have minimum average Annual Turnover of INR2.5 Cr. in the last three financial years (2021-22,22-23,23-24)	Audited Balance Sheet and Profit and Loss Account Statement for last three years.
3	The Bidder should not have been black listed by any of the Ministry/ Department of Government of India/ State Governments and also neither convicted nor is any criminal case pending against it before any court of competent jurisdiction	Self-declaration by competent authority of the bidder
4	The Agency should have valid GSTIN-(Copy of GSTIN)	Copy of GSTN certificate to be submitted.
5	Bidders should have Manufacturer Authorization (MAF) Letter from OEM (as per Annexure-3), brochures and data sheets along with the proposal for each quoted product	Need to provide Manufacturer Authorization (MAF) Letter from OEM, brochures and data sheets along with the proposal for each quoted product Manufacturing Authorization Form (MAF) should be submitted as per Annexure-3
6	The bidder should have prior experience of Supply, Installation minimum of 200 CCTV Surveillance System along with Centralized monitoring System in single organization in last 7 years	Credentials from clients in form of purchase orders / contract / credential letters etc. has to be provided.
7	The bidder should have prior experience of Supply, Installation & Maintenance of CCTV Surveillance System along with centralized monitoring system in last 7 years for Banking sector.	Credentials from clients in form of purchase orders / contract / credential letters etc. has to be provided.
8	The bidder should have prior experience of Supply, Installation & Maintenance of Security Alarm System along with centralized monitoring system in last 7 years for Banking sector.	Credentials from clients in form of purchase orders / contract / credential letters etc. has to be provided.
9	The Bidder /OEM should have service center at Maharashtra specially in Pune, Kolhapur.	Proof of service center address and other Documentary evidence to be attached.



# 7. BOM (Bill of Material)

Sr	Item	Description	No.of	QTY	MAF
No.			location		required (Y/N)
1	CCTV	<ul> <li>a) 2MP or above fixed IP dome network camera.</li> <li>(Assume minimum 3 cameras per branch)</li> </ul>	165	495	Υ
		<ul> <li>b) 2MP or above fixed IP bullet network camera.</li> <li>(Assume minimum 1 camera per branch)</li> </ul>	165	165	
		(Make:Hikvision/Dahua/Mobotix/UNV/Bosch/Pelco/Panasonic)			
2	NVR	8 channel NVR With 2 SATA (Make: Hikvision/Dahua /Mobotix/UNV/Bosch)	165	165	Υ
3	Monitor	Min 18.5" Full HD LED (Make:LG/ Dell/HP/Samsung)	165	165	Υ
4	Hard Disk	Surveillance Hard Disk capable of storing 100 days of continuous video feed 6 TB or above. (Make: Seagate/WD)	165	165	N
5	Switch	8 port PoE Switch (Make Cisco/ Aruba/ Dink/Netgear/HP)	165	165	Y
6	4U Wall mount Rack	Make: Legrand/Netrack/D-link	165	165	N
7	Cat 6 Cable	Make: CommScope/D-Link/Polycab	165	As per the requirement	N
8	CMS Server & Software	Make: Hikvision , Dahua , Mobotix , UNV ,Bosch	1	1	Υ
9	Micro SD card	32 GB Micro Card	165	330	N
10	Display	39" Minimum FHD (1,920 x 1,080) Resolution	1	6	N
11	17U Floor Mount rack	Rack should be from ISO 14001,27000 Certified Company & UL Listed	1	1	N
	Security Alarm Control Panel	Any good make	191	191	Υ
13	Panic Button	Any good make	191	382	N
14	Hooter	Any good make	191	382	N
15	PIR Motion Sensor	Any good make	191	382	Y
16	Battery	12v, Min 7.2/7.5 ah battery	191	192	Y



### 7. Commercial Bid Format

The L1 bidder shall be evaluated on the base of the Composite rate of both the above items.

### Terms:

- 1. The quoted price is valid for next 1 year of contract sign off. Bank may purchase additional quantity based on unit price derived from the commercials submitted in next 1 year.
- 2. Taxes are extra at actuals
- 3. If any changes in taxes during the project tenure the same will be borne by the bank.

# 8. Payment Terms and Schedule

The commercial bid submitted by the Bidder must be in conformity with the payment terms proposed. Any deviation from the proposed payment terms would not be accepted. In case of delays or defaults on the part of the Bidder, the Bank shall have the right to withhold payment of the effected product and/or service due to the Bidder or withhold the payment of the disputed amount. Such withholding of payment shall not amount to a default on the part of the Bank. KDCC will release payment within 45 days of receipt of Invoice and along with all other required documents for all undisputed cases. In case of any disputed amount, the payment will be released within 30 days of resolution of the dispute. The scope of work is divided in different areas and the payment would be linked to delivery, acceptance and signoff by the respective Bank official of each area as explained below with reference to the Annexure 2 – "Commercial Bill of materials". The bidder shall raise any invoices only after signing off for the related deliverables/Services. The currency or currencies in which payments shall be made tothe supplier/ selected bidder under this Contract shall be Indian Rupees (INR) only. Taxes, as applicable, will be deducted/ paid as per the prevalent rules and regulations.

The component wise payment will be as mentioned below

### i. Hardware cost:

- a. 70% after successful delivery on site location.
- b. 20% will be paid after successful operation from the date of successful installation
- c. 10 % after 3 weeks after post Go live

### ii. Installation cost:

- a. 100% Implementation/ Installation cost will be paid after 30 days of successful implementation, sign off and acceptance by the Bank
- b. For CAT6 & power Cable payment will be as per actual use only.

### iii. AMC:

- a. Yearly AMC, value will be paid half yearly in arrears.
- 2) The currency or currencies in which payments shall be made to the supplier/selected bidderunderthis

Contract shall be Indian Rupees (INR) only.

3) Taxes, as applicable, will be deducted/paid as per the prevalent rules and regulations.



# 9. Annexure-1 Covering Letter for Eligibility cum Technical Bid and Commercial Bid

To,
The Chief Executive
Officer
Kolhapur District Central Co-operative
Bank Ltd. HeadOffice:1092, E Ward,
Shahupuri.
Kolhapur, Pin—
416001

Having examined the RFP (RFP No.: STORES/Tender/2025-26/001, Dated 23/04/2025) including all annexure, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to deliver services inconformity with the said RFP and in accordance with our proposal and total cost indicated in the Commercial Bid and made part of this bid.

We undertake, if our bid is accepted, to deliver services and complete the project in accordance with the scheduled timelines.

We agree to abide by this bid for the period of 180 days from the date fixed for Technical bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with the bank's written acceptance thereof and bank's notification of award, shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand that the bank is not bound to accept the lowest or any bid the bank may receive.

Place:	
Dated: this	day of 2025.
(Signature)(	In the Capacity of)
Duly author	ized to sign bid for and on behalf of



# 10.Annexure-2Commercial Bid Form

# **Commercial Bid For CCTV Surveillance System**

No.   Item   One Time   Cost   Syear Somprehensive   Cost   Syear Somprehensive   Cost   Comprehensive   Cost   Comprehensive   Cost   Comprehensive   Cost   Comprehensive   Cost   Comprehensive   Cost   Cost							-	
1		ltem	3 years Comprehensive	Qty	3 years Comprehensive	4	Year 5 (AMC)	Total Cost of Ownership (INR)
Camera   2   8 channel NVR With 2   SATA   165   SATA   3   Hard Disk   165	1			495				
SATA       3       Hard Disk       165         4       Monitor       165         5       8 Port PoE switch       165         6       4U Wall mount Rack       165         7       Cat 6 Cable       As per the requirement         8       Power Cable       As per the requirement         9       CMS Server & Software       1         10       Micro SD card       330         11       Display       6         12       17U Floor Mount rack       1         13       Security Alarm Control Panel       191         14       Panic Button       382         15       Hooter       382         16       PIR Motion Sensor       382         17       Battery       192         18       Installation Cost       1				165				
4       Monitor       165         5       8 Port PoE switch       165         6       4U Wall mount Rack       165         7       Cat 6 Cable       As per the requirement         8       Power Cable       As per the requirement         9       CMS Server & Software       1         10       Micro SD card       330         11       Display       6         12       17U Floor Mount rack       1         13       Security Alarm Control Panel       191         14       Panic Button       382         15       Hooter       382         16       PIR Motion Sensor       382         17       Battery       192         18       Installation Cost       1	2			165				
5       8 Port PoE switch       165         6       4U Wall mount Rack       165         7       Cat 6 Cable       As per the requirement         8       Power Cable       As per the requirement         9       CMS Server & Software       1         10       Micro SD card       330         11       Display       6         12       17U Floor Mount rack       1         13       Security Alarm Control Panel       191         14       Panic Button       382         15       Hooter       382         16       PIR Motion Sensor       382         17       Battery       192         18       Installation Cost       1	3	Hard Disk		165				
6       4U Wall mount Rack         7       Cat 6 Cable         8       Power Cable         9       CMS Server & Software         10       Micro SD card         11       Display         6       12         17U Floor Mount rack       1         13       Security Alarm Control Panel         14       Panic Button         382         15       Hooter         382         16       PIR Motion Sensor         18       Installation Cost         11       Installation Cost	4	Monitor		165				
7         Cat 6 Cable         As per the requirement           8         Power Cable         As per the requirement           9         CMS Server & Software         1           10         Micro SD card         330           11         Display         6           12         17U Floor Mount rack         1           13         Security Alarm Control Panel         191           14         Panic Button         382           15         Hooter         382           16         PIR Motion Sensor         382           17         Battery         192           18         Installation Cost         1	5	8 Port PoE switch		165				
requirement           8         Power Cable         As per the requirement           9         CMS Server & Software         1           10         Micro SD card         330           11         Display         6           12         17U Floor Mount rack         1           13         Security Alarm Control Panel         191           14         Panic Button         382           15         Hooter         382           16         PIR Motion Sensor         382           17         Battery         192           18         Installation Cost         1	6	4U Wall mount Rack		165				
requirement         9       CMS Server & Software       1         10       Micro SD card       330         11       Display       6         12       17U Floor Mount rack       1         13       Security Alarm Control Panel       191         14       Panic Button       382         15       Hooter       382         16       PIR Motion Sensor       382         17       Battery       192         18       Installation Cost       1	7	Cat 6 Cable		As per the requirement				
Software   330	8	Power Cable						
11       Display       6         12       17U Floor Mount rack       1         13       Security Alarm Control Panel       191         14       Panic Button       382         15       Hooter       382         16       PIR Motion Sensor       382         17       Battery       192         18       Installation Cost       1	9			1				
12       17U Floor Mount rack       1         13       Security Alarm Control Panel       191         14       Panic Button       382         15       Hooter       382         16       PIR Motion Sensor       382         17       Battery       192         18       Installation Cost       1	10	Micro SD card		330				
13       Security Alarm Control Panel       191         14       Panic Button       382         15       Hooter       382         16       PIR Motion Sensor       382         17       Battery       192         18       Installation Cost       1	11	Display		6				
Control Panel         14 Panic Button       382         15 Hooter       382         16 PIR Motion Sensor       382         17 Battery       192         18 Installation Cost       1	12	17U Floor Mount rack		1				
15       Hooter       382         16       PIR Motion Sensor       382         17       Battery       192         18       Installation Cost       1	13			191				
16     PIR Motion Sensor     382       17     Battery     192       18     Installation Cost     1	14	Panic Button		382				
17 Battery 192  18 Installation 1	15	Hooter		382				
18 Installation 1 Cost	16	PIR Motion Sensor		382				
Cost	17	Battery		192				
Total Cost	18			1				
			Total Cost					

### Note:

- Taxes extra at actual
  Total cost of ownership for the 5 years
  The unit price should be including delivery and installation cost
  3 years comprehensive warranty and 4th and 5th year AMC.
  Consumables are not part of the warranty



# 11. Annexure-3 Manufacturer's Authorization Form

Note: This authorization letter shall be printed on the letterhead of all the original equipment manufacturer (OEM) and shall be signed by a competent person having the power of attorney to bind the manufacturer

bind the manufacturer.
To, The Chief Executive Officer Kolhapur District Central Co-operative Bank Ltd. HeadOffice:1092, EWard, Shahupuri. Kolhapur, Pin–416001
Dear Sir,
Sub: RFP No.: STORES/Tender/2025-26/001, Dated 23/04/2025
We who are established and reputable manufacturers/ producers of having factories/ development facilities at (address of factory facility) do hereby authorize M/s (name and address of the bidder) to
submit a bid, and sign the contract with you against the above bid invitation.
We hereby extend our full guarantee and warranty for the solution, products and service offered by the above firm against this bid invitation.
We also undertake to provide any or all of the following materials, notifications, and information pertaining to the products manufactured or distributed by the bidder:
• Such products as KDCC may opt to purchase from the bidder, provided, that this option shall no relieve the bidder of any warranty obligations under the contract; and In the event of termination of production of such products:
• Advance notification to KDCC of the pending termination, with sufficient time to permit KDCC to procure needed requirements; and
• Following such termination, furnishing at no cost to KDCC, the blueprints, design documents operations manuals, standards, source codes and specifications of the products, if requested.
We duly authorize the said firm to act on our behalf in fulfilling all installations, technical support and maintenance obligations required by the contract.
We further certify that, we abide for all terms & conditions mentioned in the bid including delivery timelines & in case the authorized distributor/ system integrator is not able to meet it obligations as per contract during contract period, we, as the OEM, shall perform the said obligations with regard to their items by ourselves or through alternate & acceptable service provider
Place:
Date: Seal and signature of the OEM
Name :
Email:



# 12. Annexure – 4 Letter of Confirmation

Ref:RFP No.: STORES/Tender/2025-26/001, dated 23/04/2025
Date:
To, The CEO, Kolhapur District Central Co-operative Bank Ltd. Head Office: 1092, E Ward, Shahupuri. Kolhapur, Pin – 416001.
Dear Sir,
We confirm having submitted the Bid and annexures in accordance with the said RFP. The details submitted by us are true and correct to the best of our knowledge and if it is proved otherwise at any stage of execution of the contract, Kolhapur District Central Co-operative Bank has the right to summarily reject the proposal and disqualify us from the process.
We confirm that we will abide by the conditions mentioned in the Tender Document (RFP and annexure) in full or in accordance with the deviations in "Terms & Conditions" accepted by the bank.
We, hereby acknowledge and confirm, having accepted that the Bank can at its absolute discretion, apply whatever criteria is deemed appropriate, not just limiting to those criteria set out in the RFP and related documents, in short listing of bidders.
We shall observe confidentiality of all the information passed on to us in course of the tendering process and shall not use the information for any other purpose than the current tender.
We also confirm that we have not been blacklisted by any Govt. Department/ PSU/PSE or Banks or otherwise not involved in any such incident with any concern whatsoever, where the job undertaken/performed and conduct has been questioned by any authority, which may lead to legal action.
Place:
Date:
SEAL (Authorized Signatory)



# 13. ANNEXURE -5 (UNDERTAKING FOR MSME BENEFITS)

(To be submitted on the letter head of the bidder)

To,

The Chief Executive Officer
Kolhapur District Central Co-operative Bank Ltd.
Head Office: 1092, EWard, Shahupuri.
Kolhapur, Pin–416001

**SUB:** MSME Benefits for RFP Ref. No. – RFP No.: STORES/Tender/2025-26/001, dated

23/04/2025

Dear Sir,

This has reference to our bid submitted in response to your Request for Quotation (RFP) Ref. No. RFP No.: STORES/Tender/2025-26/001, Dated 23/04/2025floated for SUPPLY, INSTALLATION, COMMISSIONING & MAINTENANCE CCTV SURVELIANCE SYSTEM.

We have carefully gone through the contents of the above referred RFP and hereby undertake and confirm that, as per the Govt. Of India guidelines, we are eligible to avail the following MSME benefits in response to your RFP floated, as referred above.

a) Exception to MSEs from payment of EMD/Bid Security

In case, at any later stage, it is found or established that, the above undertaking is not true then Bank may take any suitable actions against us viz. Legal action, Cancelation of Notification of Award/contract (if issued any), Blacklisting & debarment from future tender/s etc.

**Yours Sincerely** 

Place:				
Dated:	this	day of 2025.		
				(Signature)(In the Capacity of)
			Duly authorized to sign bid for	r and on behalf of

Encl:: MSME Ccertificate



# 14.ANNEXURE -6 Self declaration of not been declared blacklisted

(To be submitted on the letter head of the bidder)

To,	
The Chief Executive Officer	
Kolhapur District Central Co-operative Bank Ltd.	
Head Office: 1092, E Ward, Shahupuri.	
Kolhapur, Pin – 416001	
In response to the RFP No.: STORES/Tender/2025-26/0 Ms./Mr, as a, I / We here firm/organization/company/CEO/Director/Any Senior Manage is having unblemished past record and have not been decl Central/State Government/PSU institution and there has been with any government department I/We further declare the defaulted in executing any Government order in the past.	by declare that our ement/Signing Authority ared blacklisted by any en no pending litigation
Signature of witness	Signature of the Bidder
Date:	Date:
Place:	Place:



# 15. ANNEXURE -7 Authorization Letter

RFP No.: STURES/Tender/2025-26/001, Dated 23/04/2025
To,
The Chief Executive Officer
Kolhapur District Central Co-operative Bank Ltd.
Head Office: 1092, E Ward, Shahupuri.
Kolhapur, Pin – 416001
Sir/Madam,
Ms./Mris hereby authorized to sign relevant documents on behalf of
the firm/organization/ company in dealing with the RFP No.: STORES/Tender/2025-26/001,
Dated 23/04/2025) ,She/he is alsoauthorized toattend meetings& submit the commercial
information as may be required by you in the courseof processing above saidapplication.
Thanking you,
Authorized Signatory



# 16. ANNEXURE -8 Particulars of the Bidder

RFP No.: STORES/Tender/2025-26/001, Dated 23/04/2025

Sr. No.	Particulars	Bidder's Information
1	Name of the Firm/Organization	
2	Organization Status of Registration	
3	Address of Corporate Office	
4	Mobile No/Landline Number/Fax No with STD Code	
5	Email Address	
6	Registration No of Certificate of Incorporation & Date / Shop Act License Establishment date	
7	Permanent Account Number of Income Tax and Date of Registration	
8	GST Registration number and Date	
9	No. of years of proven experience of providing similar Services:	

	Signature of the Bidder
Date:	
Dlace:	



# 17. ANNEXURE -9 Technical Specifications

RFP No.: STORES/Tender/2025-26/001, Dated 23/04/2025)

# **A.CCTV Camera System**

1.IP Fix dome camera with IO ( Input /Output ) :Hikvision , Dahua , Mobotix , UNV ,Bosch, Pelco, Panasonic

Sr.No	General Specification	Technical Specification
1	Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS
2	Minimum	Color:0.001 lux (F1.6, AGC ON)
2	Illumination	0 lux with IR
3	Day/Night	IR-cut filter with auto switch (ICR)
4	Shutter	Auto/Manual, 1 ~ 1/100000s
5	WDR	120Db
6	S/N	>52Db
7	Lens	2.8mm
8	IR Range	Up to 30m (98ft) IR range
9	IR On/Off Control	Auto/Manual
10	Video Compression	Minimum H.265, H.264
11	H.264 code profile	Baseline profile, Main profile, High profile
12	Frame Rate	Main Stream: 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps;
13	Video Stream	Minimum Dual streaming
14	Video Bit Rate	Minimum 128 Kbps~6000kbps
15	OSD	Minimum 4 OSDs
16	Privacy Mask	Minimum 4 areas
17	ROI	Minimum 4 areas
18	Digital Noise Reduction	Support
19	Smart IR	Support
20	Flip	Support
21	HLC	Support
22	BLC	Support
23	Defog	Support
24	Basic Detection	Motion detection ,Tampering alarm, Cross Line detection, Intrusion detection,
25	General Function	IP address filtering, alarm input, alarm output, access policy,
26	Audio Compression	G.711U, G.711A
27	Audio Bit rate	64 Kbps
28	Two-way Audio	Support
29	Sampling Rate	8KHZ
30	Edge Storage	Micro SD, Minimum 128 GB
31	Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH
32	ONVIF	Minimum ONVIF (Profile S, Profile G, Profile T),
33	User/Host	Minimum 10 users. Minimum 2 user levels: administrator and common user
34	Security	Password protection, Strong password, HTTPS encryption, Export operation logs,
35	Web Browser	Chrome / Firefox / Edge
36	Audio I/O	1 Input: impedance 35kΩ; amplitude 2V [p-p] 1 Output: impedance 600Ω; amplitude 2V [p-p]
37	Alarm I/O	1/1
38	Network	1 * RJ45 10M/100M Base-TX Ethernet



39	Certification	CE , FCC , UL , BIS
40	Protection	IP67, IK10
41	NDAA	Yes
42	Power	DC 12V±25%, PoE (IEEE 802.3af)
43	Material	Metal
44	Working	0°C × 45°C Humiditus <050/ DH (non condensing)
44	Environment	0°C ~ 45°C , Humidity: ≤95% RH (non-condensing)
45	Storage	0°C ~ 45°C ,Humidity: ≤95% RH (non-condensing)
45	Environment	0 C 45 C, numberly. 255% km (non-condensing)
46	Surge Protection	Support
	MANUFACTURER	
47	AUTHORIZATION	Require
	LETTER	



# 2.IP Bullet Camera: Hikvision , Dahua , Mobotix , UNV, Bosch, Pelco, Panasonic

Sr. No.	General Specification	Technical Specification
1	Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS
2	Lens	2.8mm
3	Shutter	Auto/Manual, 1 ~ 1/100000s
4	Minimum Illumination	Color: 0.01Lux (F2.0, AGC ON) OLux with IR on
5	Day/Night	IR-cut filter with auto switch (ICR)
6	Digital Noise Reduction	2D/3D DNR
7	S/N	>52Db
8	IR Range	Up to 30m (98ft) IR range
9	IR On/Off Control	Auto/Manual
10	Defog	Supported
11	DWDR	Supported
12	Video Compression	Minimum H.265, H.264
13	H.264 code profile	Baseline profile, Main profile, High profile
14	Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
15	Video Stream	Minimum Dual streaming
16	Video Bit Rate	Minimum 128 Kbps~6000kbps
17	OSD	Supported 4 OSDs
18	Privacy Mask	Supported 4 areas
19	ROI	Supported 4 areas
20	Motion Detection	Supported 4 areas
21	Digital noise reduction	2D/3D DNR
22	Smart IR	Supported
23	Flip	Supported
24	HLC	Supported
25	BLC	Supported
26	Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP
27	Web Browser	Chrome / Firefox / Edge
28	Network	10/100M Base-TX Ethernet
29	Certifications	CE, FCC, UL, BIS
30	NDAA	Yes
31	Power	DC 12V±25%, PoE (IEEE 802.3af)
32	Material	Metal + Plastic
33	Working Environment	0°C ~ 45 °C , Humidity: ≤95% RH (non-condensing)
34	Storage Environment	0°C ~ 45°C , Humidity: ≤95% RH (non-condensing)
35	Surge Protection	Supported



36	Ingress Protection	IP67
37	MANUFACTURER AUTHORIZATION LETTER	Require

# 3. 8 channel NVR With 2 SATA : Hikvision , Dahua , Mobotix , UNV ,Bosch

Sr. No.	General Specification	Technical Specification
1	IP Video Input	8-ch or Better
2	Two-way Audio Input	1-ch, RCA
3	Incoming Bandwidth	Minimum 120 Mbps
4	Outgoing Bandwidth	Minimum 80Mbps
5	Remote Users	Minimum 10
6	Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS,DNS,DDNS,SNMP,SMTP,
7	Browser	IE /Firefox / Chrom / Edge
8	HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
9	Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
10	Audio Output	1-ch, RCA
11	Audio Compression	G.711A, G.711U
12	Synchronous Playback	8 ch
13	Live View Display	1/4/6/8
14	FTP/Schedule/Event Snapshot	Minimum 8 -ch snapshot, up to 1080P resolution
15	Decoding Format	Minimum H.265, H.264
16	Live View/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
17	Capability	1 x 12MP@30, 2 x 4K@30, 5 x4MP@30, 8 x 1080P@30
18	SATA	Minimum 2 SATA interfaces
19	Capacity	Minimum 6 TB for each disk
20	Disk Group	Support
21	General Alarm	Motion, Tampering, , Video Loss, Input Alarm,
22	Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal
23	Network Interface	Minimum 1 RJ45 10M/100M/1000M Ethernet Interfaces
24	USB Interface	Minimum- 2



25	Alarm In	Minimum 4 –ch
26	Alarm Out	Minimum 1-ch
27	Power Supply	12VDC/3.3A
28	Working Environment	0°C~+ 45°C , Humidity ≤ 90% RH (non-condensing)
29	Certification	CE, FCC, UL, BIS
30	NDAA	Yes
31	MANUFACTURER AUTHORIZATION LETTER	Require

# 4. 8 Port PoE Switch: Cisco, Aruba, Dink, Netgear, HP

Sr. No.	General Specification	Technical Specification
1	Gigabit Ports	8-Port Gigabit Ethernet PoE/PoE+ Unmanaged Switch
2	Speed	10/100/1000Mbps Gigabit Ethernet
3	Number of PoE/PoE+ Ports	8
4	PoE Budget/PSU 802.3at	60W
5	NETWORK	IEEE802.3 af& 802.3at
6	Power Supply Supported	External / Internal
7	Housing	Metal
8	Form-Factor	Desktop, wall & rack mount
9	LEDs	Power, Port Link/Speed/Activity
10	Energy Efficient Ethernet Support (IEEE 802.3az)	Yes
11	Jumbo Frame Support	Yes
12	MAC Table Size	4K
13	Packet Buffer Size	192KB
14	Bandwidth	16Gbps
15	IEEE 802.1p COS	Yes
16	Power source	Suitable adaptor shall be supplied or 100-240VAC
17	Acoustic noise	0
18	Operating Temperature	0° to 40°C
19	Electromagnetic compliance (A or B)	Class A
20	Certifications	CE, FCC, UL,
21	MANUFACTURER AUTHORIZATION LETTER	Require



# 5. Monitor: LG, Dell, HP, Samsung

Sr. no	General Technical Specification
1	Minimum 18.5 Screen
2	Minimum HD (1366X768) Resolution
3	VGA/ DVI-1 , HDMI X 1
4	Smart energy saving
5	Provide require Accessories: Power cord / support adapter, Cable: VGA / HDMI.

# 6. Wall mount Rack: Any Good make

Sr. no	General Technical Specification	
1	4U rack in Height , It should be minimum 550MM Wide & 400MM Deep with front Glass door.	
2	Rack mount power distribution unit, 1Ph, 230V, 8A, 50/60Hz, 2U standard with Minimum 4 X Indian Round Pin	
2	5A, Inlet Plug type 6A Indian Round Pin, 8A Fuse - PDU Rating 1.8KVA/Side feed-1.5Mt	
3	Rack should have one Horizontal Cable Manager Loop 1U.	
4	Rack should have one Cantilever shelf.	
5	Rack should have Fan module Mount Provision on top Cover with minimum 1 no. 90 CFM Fan	
6	Rack should have provision for cable entry Exit from Both top & Bottom.	
7	Rack should be from ISO 14001 ,27000 Certified Company & UL Listed	
8	Rack should have provision to mount racks on Wall	
9	Any other requires Accessories for Installation	

# 7. 39 Inch Display: Any Good Make

Sr. no	. no General Technical Specification	
1	Minimum 39 INCH Screen	
2	Minimum FHD (1,920 x 1,080) Resolution	
3	Speaker : Inbuilt (10W + 10W)	
4.	Contrast : 3000:1	
3	HDMI X 2	
5	Power Input : 100-240V~,50/60Hz	

# 8. 17U Floor Mount rack: Any Good Make

Sr. No	General Technical Specification
1	Rack should be from ISO 14001 ,27000 Certified Company & UL Listed
2	Rack should have provision to mount racks on Floor. It should be with castor & levelers.
3	Rack should be $17U(1U = 44.45 \text{ mm})$ in Height. It should be $600MM$ Wide & $1000MM$ Deep , with Front tinted Glass door and Metal door at Rear.
4	Rack should have one Horizontal Cable Manager.
5	Rack should have one Heavy duty shelf.
6	Rack should have Fan module Mount Provision on top Cover with 2 Fan Housing unit
7	Rack should have one Server /IT Rack mount power distribution unit, 1Ph, 230V, 16A, 50/60Hz, 2U standard with 6 X Indian Round Pin 5/15A, Inlet Plug type 16A Indian Round Pin, 16A MCB - PDU Rating 3.6KVA/Side feed-1.5Mt
8	Rack should have provision for cable entry Exit from Both top & Bottom.



9. CMS Server & Video Management software: Hikvision, Dahua, Mobotix, UNV, Bosch Video Management system with 1200 camera and 350 IO Support.

Sr.no	General Specification	Technical Specification
1	Device Management	Device discovery, Add devices by IP address/domain name/ view device status, restart device Remote configuration, NVR & Camera
2	Live View Screen Layout	1/ 4/ 5 /6 /8 /9 /10 /13 /16 /17 /25 /32 /36 /64 split view 1 / 4 / 9 / 16 / 25 default view and custom view 3 auxiliary screen
3	service	Group display, sequence display, snapshot, digital zoom, scene, instant playback, local recording, default and custom view, custom stream, corridor mode, audio, two-way audio, and manual alarm
4	Playback Recording	Play back recording from NVR and
5	Alarm Type	Multiple alarm types.
6	E-Map Format	PNG/JPEG/BMP
7	Map Alarm	Alarm flash, search and acknowledge
8	User Management	Add, edit and delete user, query user
9	User Level	administrator, operator
10	Number of connected cameras per server	Minimum 500 devices or 1500 channels
11	Numbers of users	Minimum 10
12	Numbers of online users	Minimum 10
13	Numbers of roles per user	Minimum 10
14	Bandwidth of video input per server	512Mbps
15	Bandwidth of video output per server	384Mbps
16	Video compression	Minimum H.265, H.264
17	Decoding	4×4K@30, 16×1080p@30, 36×720p@30, 64×D1
18	Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF/QCIF
19	Display on video wall	HDMI(×2) and VGA(×1) output; HDMI output supports 4K resolution
20	Audio compression	G.711A, G.711μ
21	HDD	Minimum inbuilt 12 TB or better
22	RAID mode	RAIDO, RAID1, RAID5,RAID6,RAID10,RAID50,RAID60
23	Performance of video storage per server	512Mbps/ 256 channels
24	Play control	1/3/4/5/6/7/8/9/10/13/16/17/25/32/36/64 window display Corridor format Up to 3 auxiliary monitors
25	Playback	Play NVR recordings Up to 24 channels for multiple clients; synchronous playback up to 16 channels for single client



26	Data Info Alarm Records	2,00,000
27	Data Info Operation logs	2,00,000
28	Alarm processing capacity	100/s
29	Function	Live view, playback, sequence, video wall, GIS map, two-way audio, and alarm plan, server status, device/channel online/offline status, HDD status, online users, bandwidth usage, packet loss rate, log query
30	Main Processor	Intel(R) CPU
31	Memory	4GB DDR3L
32	Power supply	100-240 VAC (with power on/off switch) Dual-power redundancy
33	Network	4×10M/100M/1000M Base-T adaptive Ethernet interfaces 2×1000M SFP optical interfaces
34	USB	4×USB3.0
35	HDMI	2×HDMI
36	VGA	1×VGA
37	Serial	1×RS-232 (RJ45), 1×RS-485 (RJ45)
38	Power consumption	≤ 50W (not including HDD)
39	Operating temperature	0°C to 45°C
40	Operating humidity	10% to 90% (non condensing)
41	Certificates	CE, FCC, UL, BIS
42	NDAA	Yes

# 10. Security Alarm Control Panel :Any Good make.

Security Alarm Control Panel	
Sr. no	General Technical Specification
1	Microcontroller based12 wired zones
2	Inbuilt GSM based speech and SMS dialer module
3	Separate remote key pad with 16x4 LCD display and 16key back lit key pad
4	Auto reset after activation
5	Separate fire message,10 telephone numbers for intrusion/ fire message
6	Alarm SMS types - intrusion alarm, panic alarm, fire alarm, tamper and wrong code,
7	Night mode arming, silent arming
8	System goes into alarm state after three incorrect code attempts
9	Main control station panel in ABS body
10	The Alarm system must be IP compatible for future CMS



# 11. PIR Motion Sensor: Any Good make

PIR Motion sensor	
Sr. no	General Technical Specification
1	Alarm Output : support
2	Tamper switch : Inbuilt
3	LED Alarm Indicator : Switchable ON/OFF
4	Detection Method : Passive Infrared and Microwave
5	PIR sensitivity Range: switchable Low /Mid /High
6	Microwave sensitivity Range : Switchable Long /Short
7	Detection Range : Minimum 8m
8	Detection angle : Minimum 60 degree
9	Operating temperature: 0 degree to 45 degree .
10	MANUFACTURER AUTHORIZATION LETTER

# 12. Battery Backup Power supply: Any Good make.

	==:	
Battery Backup Power supply		
Sr. no	General Technical Specification	
1	Battery Specification: 12VDS 7.2AH SMF battery	
2	Input: 100VAC - 300VAC	
3	Output: 12VDC / 2Amp	
4	MANUFACTURER AUTHORIZATION LETTER	

# 13. Panic Button: Any Good make.

Sr. no	General Technical Specification
1	Micro Switch Technology
2	Automatic reset (no key required)
3	In Built Tamper Switch
4	Sturdy Steel Finish

# 14. Hooter: Any Good make.

- 11 11 10 10 11 11 11 11 11 11 11 11 11	
Sr. no	General Technical Specification
1	High power 130 db
2	4 wired (with tamper loop)
3	Low current consumption
4	12V DC and 24V DC
5	Weatherproof housing