

**The Maharashtra State Co-operative Bank Ltd (MSC Bank)
(Incorporating The Vidarbha Co-operative Bank Ltd.)**

Sir. Vithaldas Thackersey Memorial Building,
9, Maharashtra Chamber of Commerce Lane, Fort, Mumbai 400001.

REQUEST FOR PROPOSAL (RFP)

**To Procure, Install Central Monitoring System of CCTV Cameras
At all branches of MSC Bank in Maharashtra**

Reference Number: MSCB/ITD/CCTV-CMS/183/2019-20

Date of Commencement of Sale of Document	04-09-2019
Last Date of accepting the Tender	24-09-2019 till 05:00 PM
Pre Bid Meeting	13-09-2019 at 03:00 PM
Date of Technical Bid Opening	25-09-2019 at 03:00 PM
Price of Tender Document (Non-refundable)	Rs. 10,000 /-(Ten Thousand only) each by Cash or Demand Draft Only

Address for Communication	Joint Manager – Information Technology The Maharashtra State Co-operative Bank Limited, Sir Vithaldas Thackersey Memorial Building, 9, Maharashtra Chamber of Commerce Lane, Fort Mumbai 400001.
Contact Telephone Numbers	022-22800592 / 22800564
Email	em@mscbank.com / mscb.it@mscbank.com

Table of Contents

Table of Contents	2
1.INTRODUCTION	4
2.1 BIDS MAY BE SUBMITTED BY:.....	6
2.2TWO BID SYSTEM.....	6
2.3 FORMAT FOR TECHNICAL OFFER/TECHNICAL BID	7
2.4 FORMAT FOR COMMERCIAL OFFER	7
2.5 GENERAL TERMS & CONDITIONS:.....	8
3. SCOPE OF THE PROJECT	12
3.1 GENERAL AND OPERATIONAL GUIDELINES of CCTV	12
3.2 TECHNICAL SPECIFICATIONS / SOLUTION TO BE PROVIDED:	13
3.3 OTHER RESPONSIBILITIES OF THE SELECTED VENDOR DURING SERVICES.....	15
4 EVALUATION CRITERIA AND PROCESS.....	16
4.1TECHNICAL EVALUATION:	16
4.2COMMERCIAL EVALUATION:.....	17
4.3EVALUATION CRITERIA FOR AMOUNTS QUOTED FORAMC:	17
4.4EVALUATION OF COMMERCIAL BID:	17
4.5FINANCIAL SCORE OF BIDS:	17
4.6SELECTION OF SUCCESSFUL BIDDER AND ISSUANCE OF LOA	17
5 POST SELECTION INSTRUCTIONS AND TERMS & CONDITIONS.....	19
5.1RESPONSIBILITIES OF SELECTED VENDOR.....	19
5.2RESPONSIBILITIES OF THE BANK	19
5.3SCHEDULE OF PAYMENT:.....	19
5.4RATES:	19
5.5TAXES AND DUTIES:.....	19
5.6PENALTY:	19
5.7INSURANCE:	20
5.8PERFORMANCE GUARANTEE:	20
5.9FORCE MAJEURE DURING THE PENDENCY:	20
5.10CONFIDENTIALITY:	20
5.11TERMINATION OF CONTRACT:	21
5.12EFFECT OF TERMINATION:	21
5.13OWNERSHIP AND RETENTION OF DOCUMENTS:	22
5.13.1ARBITRATION:	22
5.14JURISDICTIONOF COURTS:	22
5.15REPRESENTATIONS AND WARRANTIES:	22
5.16CANCELLATION OF THE CONTRACT & COMPENSATION:	24

Tender for Central Monitoring System

5.17 LIQUIDATED DAMAGES	25
6 ANNEXURES	26
OFFER COVERING LETTER	26
DETAILS OF THE VENDOR'S ORGANIZATION AND PROFITS.....	27
FORMAT OF POWER OF ATTORNEY FOR SIGNING OF BID	28
UNDERTAKING	29
SELF DECLARATION OF NON BLACKLISTING.....	30
TECHNICAL COMPLIANCE SHEET	31

1. INTRODUCTION

1.1. TENDER HIGHLIGHTS:

Terms and Conditions, eligibility criteria and procedure for submission of Bids are given in the tender document. The Tender document may be obtained by paying a non-refundable fee of **Rs 10,000/- (Rupees Ten Thousand only) plus GST @18%** in cash or in the form of demand draft in favor of **“The Maharashtra State Cooperative Bank Ltd, Mumbai”** payable at Mumbai from the office of The Managing Director of the Bank during office hours between 11.00 am to 16.00 pm or electronically in NEFT/IMPS Account No 0002117030003377 (IFS Code – MSC10082002, title of account – Other receipts account). The same can also be downloaded from the official website of MSC Bank. (www.mscbank.com) and may be submitted along with non-refundable fee of **Rs. 10,000/- (Rupees Ten Thousand only) plus GST @18%** in the form of demand draft in favor of **“The Maharashtra State Cooperative Bank Ltd, Mumbai”** payable at Mumbai.

1.2. BANK BACKGROUND:

The Maharashtra State Co-operative Bank (hereafter refer as MSC Bank) is a premier co-operative institute at State level established in 1911. It is rendering its services to its increasing number of clientele in more diversified and multifarious bank services and facilities over last 10 decades and has established itself a leader of co-operative movement in the state of Maharashtra. It has been in the process of helping the economic development of rural Maharashtra through its Six regional offices, Fifty Six (56) Branches & 19 ATMs in the State. The main business of the MSC Bank can be classified as direct financing for the cooperative societies, engaged in various fields like Sugar production, Marketing, Spinning Mills, various types of agriculture processing units; direct financing to some State level and National level co-operatives and indirect financing through three tier system i.e. MSC Bank at apex level, DCC Banks at middle level and primary agriculture societies at grass root level.

The MSC Bank initiated the process of computerization and automation of its operations in a phased manner starting in 1998-99. At present the Bank has fully computerized environment with successfully running CBS. The Bank has a sophisticated Data Center and DR site.

1.3. PURPOSE OF THE TENDER:

MSC Bank has decided to issue this Request for Proposal (RFP) inviting response from Vendors for to procure, install and commissioning of Central Monitoring System of CCTV cameras of all branches of MSC Bank in Maharashtra.

Details:

- 1) Main work station of Central Monitoring System will be at our Head Office, Mumbai.
- 2) Installation of 64 Channel DVR with 47 cameras (Nos. may increase or decrease) at our Head Office.
- 3) 8 Channel DVR at our 6 Nos of Regional Offices with 8 HD cameras per location.
- 4) 4 Channels DVR at our four various departments in Mumbai with 4 HD cameras at each location.
- 5) Installation, commissioning ,testing of Central Monitoring System at Head Office of 53 Branches, 3 Extension Counter, 19 ATM Centers, 4 various departments in Maharashtra with the help of 8 mbps broadband line at each location and 50 mbps broadband line at Head Office, work station.
- 6) Monitoring will be done at Head Office by our officers at our level.

QUALIFICATION CRITERIA (Eligibility of the Vendor):

- A.** The Vendor Company should be a registered ORGANIZATION under the Indian Companies Act 1956 and should be in existence for at least 5 years.
- B.** The Annual Turnover of the Vendor Company from Software Business should be at least 5 Cr. each year for last 3 years ending 31st March 2018 (**ANNEXURE – B**).
- C.** The Vendor Company must be profit making for at least last three consecutive years. Copies of the last three financial years' Balance Sheets should be submitted with the offer. (**ANNEXURE – B**)
- D.** The Vendor Company / OEM should have:
- Minimum five years of experience in installation of CCTV cameras and security and surveillance system projects
 - Implemented Central Monitoring System of CCTV Camera installation for atleast 15 projects
 - Installed more than 500 CCTV Cameras at various locations
 - Knowledge and experience of electronic security systems including access control, surveillance and required software for monitoring
 - Capability to complete installation of CCTV Cameras in all branches in 4 weeks timeframe
 - Installed CCTV Cameras in Banks / Insurance Companies / Financial Institutes
- E.** Bidders to provide the names of the clients and preference will be given to the Vendor which has experience of handling similar projects / activities for Banking / Finance Industry. (**ANNEXURE – B**)
- F.** The vendor Company should have an office in Mumbai with technically qualified staff to render the said services and should be able to support in implementation of Central Monitoring System on requirement basis at all Branches of MSC Bank.
- G.** The Vendor Company/ OEM should be able to commit qualified and experienced personnel for the duration of the Project. The vendor must warrant that the key project personnel in-charge of this project has been sufficiently involved in similar projects in the past three years.
- H.** The Vendor Company should have never been blacklisted / barred / disqualified by any regulator / statutory body and the Vendor/firm should, otherwise, not be involved in any such incident what so ever, where the job undertaken / performed and conducted has been questioned by any authority, which may lead to legal action. Self -declaration to that effect should be submitted along with the technical Bid. On a later date if self-declaration is found to be void it may entail disqualification. (**ANNEXURE – E**)
- I.** Vendor Company must comply with all above-mentioned criteria. Non-compliance of any of the criteria will entail rejection of the offer summarily. Photocopies of relevant documents / certificates should be submitted as proof in support of the claims made. MSC BANK reserves the right to verify / evaluate the claims made by the Vendor independently. Any decision of MSC BANK in this regard shall be final, conclusive and binding on the Vendor.

2.1 BIDS MAY BE SUBMITTED BY:

A Company.

2.2 TWO BID SYSTEM

A. The offer should be submitted in two (2) parts in two (2) separate envelopes and later in one common envelope. The details thereof are as follows:

1) ENVELOPE-I (Technical Offer - TO):

- a) The Technical Offer (TO) should be completed and complied with in all respects and contains all information asked for, except prices.
- b) Covering letter (**ANNEXURE – A**) and Undertaking letters (**ANNEXURE – D**) to be submitted with TO.
- c) Power of Attorney (**ANNEXURE – C**) to be submitted for respective person to sign the Tender Document by authorized signatory.
- d) The TO should be in strict adherence to the **Paragraph 2.3** and shall include all items as asked for in it.
- e) It is mandatory to submit technical details in the prescribed format (**ANNEXURE A-G**) duly filled in along with the offer.
- f) The TO should not contain any price information.
- g) MSC BANK, at its sole discretion, may not evaluate a TO in case of non-submission or partial submission of technical details.

2) ENVELOPE-II (Commercial Offer - CO):

- a) The Commercial Offer (CO) should give all relevant price information and should not contradict the TO in any manner.
 - b) CO should be given strictly in the format given as **ANNEXURE – H** of the Tender
- B.** The Details such as Name, Address and Contact Numbers of the VENDOR must be written on all three envelopes.

C. CD/ DVD containing the soft copies of the documents shall be placed in the respective envelopes.

D. All three envelopes should be properly sealed.

E. All Claims made by the VENDOR will have to be backed by documentary evidence. In case the same are found to be lacking in terms of the claims made, the VENDOR is liable to disqualification. MSC BANK may request the VENDOR to demonstrate all the technical functionalities and features (mentioned as 'compliant' in the VENDOR's technical bid) as per MSC BANK's discretion. VENDORS are requested to keep a model ready with all functionalities in this RFP on bidding date. VENDORS who cannot show a feature or demonstrate functionality (mentioned as 'compliant' in the VENDOR's technical bid) will be disqualified.

F. The Technical and Commercial Bid submitted in response to this Tender Document along with the supporting material will become the property of the Bank.

Tender for Central Monitoring System

2.3 FORMAT FOR TECHNICAL OFFER/TECHNICAL BID

- A.** The Technical offer/ Technical bid must be made in an organized, structured and neat manner and shall be spiral bound. Brochures/leaflets etc. should not be submitted in loose form.
- B.** VENDOR must ensure that all the documents are sealed and signed by the authorized signatory.
- C.** The printed copy of Technical bid proposal as given in **ANNEXURE – A to ANNEXURE – G**, neatly typed on the letterhead of the VENDOR, duly filled in, signed and complete in all respect including annexure for detailed specifications of equipment etc. as directed.
- D.** Other documents to be submitted in the Technical Bid are:-
- 1)** Valid Bank Draft as EMD/ Bid Security
 - 2)** Index
 - 3)** Technical Documentation (Product Brochures, leaflets, manuals etc.).
 - 4)** Tentative briefing about the team to be deployed: number, qualifications etc
 - 5)** Copies of organization related Documents (Along with the **ANNEXURE – B**)
 - Organization registration certificate
 - Sales Tax Registration Certificate, TAN No. /TIN No.
 - LBT Registration Certificate (If applicable)
 - Service Tax Registration Certificate.
 - Audited Balance Sheet and Profit and Loss for period mentioned in eligibility criteria
 - IT Returns of last three years
 - Quality certificates (ISO/CMM) etc.
 - 6)** List of customers and services provided. Please attach proofs of the same. (**ANNEXURE – B**)
 - 7)** Detail Project Plan with Delivery Schedule.
- E.** A soft copy (Word/Excel/PDF/Scanned Copies) of the entire Technical Bid document should also be submitted **on a DVD/ CD in the same sealed envelope** along with the Hard Copy of the Technical Offer.

2.4 FORMAT FOR COMMERCIAL OFFER

- A.** The taxes shall be quoted in a separate column as given in the **ANNEXURE – G**
- B.** The Commercial offer must not contradict the technical offer & technical specifications provided in any way.
- C.** The suggested format for submission of Commercial offer is as follows:
- 1)** Index
 - 2)** A detail Rate schedule (as per **ANNEXURE – H**)
 - 3)** The commercial offer must contain all price information, including comprehensive AMC details for three years after warranty period of three years.
 - 4)** A statement that the Vendor Company/ Consortium/ Joint Venture agrees to the Payment schedule given in point no. 5.3 of the RFP.
- D.** A soft copy (Word/Excel/PDF/Scanned Copies) of the entire Technical Bid document should also be submitted on a DVD/ CD in the same sealed envelope along with the Hard Copy of the Commercial Offer as specified in the RFP document.

Tender for Central Monitoring System

2.5 GENERAL TERMS & CONDITIONS:

- A.** The tender documents cannot be resold and / or transferred / assigned. If the same is done, tender documents are liable to be summarily rejected by the MSC BANK. Any decision of the MSC BANK in this regard shall be final, conclusive and binding on the Vendor Company/ Consortium/ Joint Venture.
- B.** No changes should be made in this tender document.
- C.** The products/services offered should strictly conform to the specifications given in the product literature. The technology proposed / marked for withdrawal from the market or under quality testing should not be offered.
- D.** The VENDOR is required not to impose their own terms and conditions to the bid. The decision of the Bank in this regard shall be final, conclusive and binding on the Vendor Company / Consortium / Joint Venture.
- E.** In case the software components delivered and installed are not having the software components as specified in the Purchase Order, found in the testing by the Bank, the VENDOR will have to replace the software components or upgrade it as per specifications in the purchase order. All the expenses in this regard shall be entirely borne by the Vendor Company.
- F.** If MSC BANK is not satisfied with technical specifications and the feasibility of the technical offers, the commercial offers will not be opened. Technically disqualified offers will not be taken up for further process.
- G.** The VENDOR should co-operate with Bank and it's IT Consultant.
- H.** To ensure efficient and effective rollout of the project as well as to ensure smooth operations of the complete system during the entire project life, the prospective VENDOR will be required to work in collaboration from the beginning of the project with IT Consultant to whom the Bank has appointed for. If needed, a tripartite agreement to this effect shall be signed among the Bank, the VENDOR and the Consultant entrusted with this work.
- I. PRE QUOTE VENDOR MEETING:**
There will be a pre - bid meeting with all the VENDORS, to address any queries in connection with the RFP. It is essential that all clarifications/ queries be submitted to the MSC BANK before two days of the date specified for this purpose.
- J. PRELIMINARY SCRUTINY:**
The MSC BANK will scrutinize the offers to determine whether they are complete, whether any errors have been made in the offer, whether required technical documentation has been furnished, whether the documents have been properly signed and whether items are quoted as per the schedule.
- K. BID SECURITY DEPOSIT (EARNEST MONEY DEPOSIT)**
- 1)** The VENDOR shall furnish, as part of its bid, EMD of Rs 1,00,000/- (Rs.One Lakh only) in the form Demand Draft from any Scheduled bank drawn in favor of **The Maharashtra State Co-operative Bank Ltd., payable at Mumbai.**
 - 2)** Unsuccessful VENDOR's EMD will be discharged within thirty (30) days from the Tender Award date.

Tender for Central Monitoring System

- 3) No interest will be payable on bid security amount.
- 4) Tender made without Security Deposit will be rejected. Any decision of the MSC BANK in this regard shall be final, conclusive and binding on the VENDOR.
- 5) **The bid security may be forfeited:**
 - If the VENDOR withdraws its bid during the period of bid validity.
 - If a VENDOR makes any statement or encloses any form which turns out to be false, incorrect and/ or misleading at any time prior to signing of contract and/ or conceals or suppresses material information; and/ or
 - In case of the qualified VENDOR, if the VENDOR fails:
 - ✓ To sign the contract in the form and manner to the satisfaction of the MSC Bank
 - ✓ To furnish performance security in the form and manner to the satisfaction of MSC Bank
 - In case the successful VENDOR complies with the requirement mentioned above, the bid security will be returned within 30 days of compliance thereof on the written request to the Bank.

L. PERIOD OF VALIDITY OF BID:

- 1) **Validity Period:** Bids shall remain valid for ninety (90) days after the date of bid opening prescribed by the MSC BANK.
- 2) **Extension of Period of Validity:** In exceptional circumstances, the MSC BANK may solicit the VENDOR's consent to an extension of the validity period. The request and the response thereto shall be made in writing. Extension of validity period by the VENDOR should be unconditional and irrevocable. The Bid Security provided shall also be suitably extended. A VENDOR may refuse the request without forfeiting the Bid Security. A VENDOR granted with the request will not be permitted to modify its bid. The decision of MSC BANK in this behalf will be final, conclusive and binding on the VENDOR.

M. MODIFICATION AND WITHDRAWAL OF OFFERS/BID

The VENDOR may modify or withdraw its bid/offer after its submission, provided that written notice of the modification or withdrawal is received by the MSC BANK prior to the closing date and time prescribed for submission of offer. No offer can be modified or withdrawn by the VENDOR, subsequent to the closing date and time for submission of offer.

N. SIGNING OF THE BID

The bid shall be signed by a person or persons duly authorized by the VENDOR with signature duly attested. In the case of a body corporate, the bid shall be signed by the duly authorized officers and supported by internal corporate authorizations.

O. LANGUAGE

The bid prepared by the VENDOR, as well as all correspondence and documents relating to the bid exchanged by the VENDOR and MSC BANK and supporting documents and printed literature shall be in English.

Tender for Central Monitoring System

P. CLARIFICATION OF OFFERS/BIDS

To assist in the scrutiny, evaluation and comparison of offers/bids, MSC BANK may, at its sole discretion, ask some or all VENDORS for clarification of their offer/bid wherever required. The request for such clarifications and the response will necessarily be in writing and no change in the price or substance of the bid shall be sought, offered or permitted. Any decision of the MSC BANK in this regard shall be final, conclusive and binding on the VENDOR.

Q. ERASURES OR ALTERATIONS:

The offers/bids containing erasures or alterations will not be considered. There should be no hand-written material, corrections or alterations in the offer/bid. Technical details must be completely filled up. Correct technical information of the product being offered must be filled in. Filling up of the information using terms such as "OK", "accepted", "noted", "as given in brochure/manual" is not acceptable. MSC BANK may treat offers/bids not adhering to these guidelines as unacceptable. The bid form and the documents attached to it shall not be detached or removed one from the other and no alteration (s) or mutilation (s) (other than filling in all the blank spaces) shall be made in any of the bid documents attached thereto. Any alterations or changes to the entries in the attached documents shall be made by a separate covering letter, in the absence of which it shall be rejected forthwith. Any decision in this regard by MSC BANK shall be final, conclusive and binding on the VENDOR.

R. COSTS OF PREPARATION & SUBMISSION OF BID:

The VENDOR shall bear all costs for the preparation and submission of the bid. The MSC BANK shall not be responsible or liable for reimbursing/compensating these costs, regardless of the conduct or outcome of the bidding process.

S. ARITHMETICAL ERRORS:

MSC BANK reserves the right to adjust arithmetical or other errors in the bid, in the manner in which MSC BANK considers appropriate or deem fit. Any adjustments so made by MSC BANK shall be stated to the VENDOR, if MSC BANK makes an offer to accept his bid. The final decision as to any error manifest or otherwise shall be at the sole discretion of MSC BANK and be final, conclusive and binding on the VENDOR.

T. BID REJECTION CRITERIA:

The bid(s) will be rejected in case of any one or more of the following conditions:

- 1)** Bids are not substantive and not in strict compliance with the pro-forma given in this document.
- 2)** Bids are not made in compliance with the procedure mentioned in this document.
- 3)** Failure on part of the VENDOR to provide appropriate information as required in the bid proposal or any additional information as requested by the Bank including any supporting document.
- 4)** Incomplete or conditional bids or partly quoted bids or bids that do not fulfill all or any of the conditions as specified in this document.

Tender for Central Monitoring System

- 5) The submission of more than one bid under different names by one VENDOR is not acceptable. If the same is found at any stage, all the bids by that VENDOR and related partners will be rejected.
- 6) Material inconsistencies in the information submitted.
- 7) Misrepresentations in the bid proposal or any supporting documentation.
- 8) Bid proposal received after the last date, time and submission mode specified in this document.
- 9) Bids found in unsealed cover, unsigned bids, bids signed by unauthorized person and unsigned corrections in the bids.
- 10) Bids containing erasures or overwriting except as necessary to correct typographical errors made by the VENDOR, in which case such corrections shall be authenticated by the person or persons signing the bid.
- 11) Any threat or persuasive communication the bank officials or Consultant for marketing of any VENDOR name

U. DISCLAIMERS AND EXCLUSIVE RIGHTS OF THE MSC BANK :

- 1) Any decision as to compliance of the terms and conditions of the tender document and on rejection of any tender document or any part thereof shall be at the sole discretion of MSC BANK and shall be final, conclusive and binding on the supplier / VENDOR.
- 2) At any time up to the last date of receipt of Bids, the Bank may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective VENDOR, modify the Tender Document by an amendment. All such amendments shall be binding on the VENDOR. The bank shall inform such amendments to the VENDOR only by e-mail on the PROVIDED Email ID by the VENDOR. In order to afford prospective VENDOR reasonable time to take the amendment into account in preparing their Bids, the Bank may, at its discretion, extend the last date for the receipt of Bids and date of opening the bids which shall be conveyed to all the VENDOR only by e-mail on the PROVIDED Email ID by the VENDOR
- 3) MSC BANK reserves the right to accept or reject in part or full any or all the offers without assigning any reasons thereof. Any decision of MSC BANK in this regard shall be final, conclusive and binding on the VENDORS.
- 4) MSC BANK reserves the right to re-issue the tender and or any part thereof without assigning any reason whatsoever, at the sole discretion of MSC BANK. Any decision in this regard shall be final, conclusive and binding on the supplier / VENDOR.
- 5) The Bank reserves the right to accept or reject any bid in part/full or annul the bidding process and reject all bids at any time prior to award of contract without assigning any reason, without thereby incurring any liability to the affected VENDOR(s) or any obligation to inform the affected VENDOR(s) of the ground for its action. Any decision of the Bank in this regard shall be final, conclusive and binding on the VENDOR.
- 6) The Bank reserve the right, not an obligation, to carry out the capability assessment of the VENDOR (with the help of outside agency also, if required) and pre dispatch inspections at the cost of the VENDOR. The Bank's decision shall be final in this regard.
- 7) MSC BANK reserves the right to adjust arithmetic and other errors in any tender in the manner in which MSC BANK deems fit and proper. Any decision in this regard shall be final, conclusive and binding on the supplier / VENDOR.
- 8) The Bank reserves a right to give minor deviations to any / all VENDOR(s) in the techno-commercial specifications of bid. Any decision of the Bank in this regard shall be final and shall be binding on the VENDOR.
- 9) In case of any difference of opinion between VENDOR and the Bank about any term / clause / condition, the interpretation of the Bank shall be final and conclusive.
- 10) RIGHT TO ALTER QUANTITIES: The Bank reserves the right to issue Purchase Order in phases or to alter the quantities & Locations specified in the offer. The Bank also reserves the right to delete one or more items

Tender for Central Monitoring System

from the list of items specified in offer. Any decision of the Bank in this regard shall be final, conclusive and binding on the VENDOR.

11) NO COMMITMENT TO ACCEPT LOWEST OR ANY OFFER/BID: MSC BANK shall be under no obligation to accept the lowest or any other offer received in response to this offer notice and shall be entitled to reject any or all offers without assigning any reason whatsoever. MSC BANK has the right to re-issue tender/bid. MSC BANK reserves the right to make any changes in the terms and conditions of purchase that will be informed to all VENDORS. MSC BANK will not be obliged to meet and have discussions with any VENDOR, and/or to listen to any representations once their offer/bid is rejected. Any decision of MSC BANK in this regard shall be final, conclusive and binding on the VENDOR.

3. SCOPE OF THE PROJECT

MSC Bank would like to procure, install and commissioning of Central Monitoring System of the CCTV cameras of all branches in Maharashtra at Head Office.

The following is the technical specification of the requirement:

3.1 GENERAL AND OPERATIONAL GUIDELINES of CCTV

- 1) The CCTV camera to operate on the following ways:
 - a. Decentralized recording mode.
 - b. IP Based Monitoring System
 - c. Centralized Monitoring System
- 2) Ensure that the products and solutions adhere to open standards i.e. ensure that there are no proprietary standards leading to locking of technology / solution.
- 3) Basic video management system functionality needed to view recorded video, perform forward and re-wind function
- 4) MSC Bank official should be able to see live feed or stored feed from their desktops connected to CCTV system through LAN.
- 5) Video data to be stored for 30 days on the primary storage (NAS / Disk based storage)
- 6) In some cases if back up of data is considered essential, then it can be stored at alternate place or external hard disk.
- 7) Power backup to be ensured for cameras.
- 8) Cameras to be fixed type.
- 9) For outdoor cameras, in open areas prone to heat, dust, rainfall, the specification are slightly different and also the casing is of better specification.
- 10) Integrated solution with cameras, storage and video management software with 3 years warranty and 3 years maintenance
- 11) Payment shall be made after User Acceptance Test 'UAT'
- 12) Refer to **ANNEXURE –G** for list of Branches of MSC Bank and number of Cameras required.
- 14) Mobile application for CCTV monitoring.

3.2 TECHNICAL SPECIFICATIONS / SOLUTION TO BE PROVIDED:

S.No.	Specification
	Camera (indoor/outdoor)
	Make-CP Plus
1	Image Sensor
2	Minimum Illumination
3	Effective Pixels
4	Shutter Speed
5	White Balance
6	Lens
7	Gain Control (AGC)
8	Video Compression
9	S/N Ratio
10	Back Light Comp.
11	Video Streaming
12	Resolution
13	Digital Zoom
14	Motion Detection
15	Privacy Mask
16	IVS
17	ICR
18	Audio Input
19	Audio Compression
20	Alarm IN/OUT
21	Bit Rate
22	Protocol
23	Ethernet
24	User Account
25	IR
26	Micro SD
27	Operating Temperature
28	Power Source
29	Power Consumption

Tender for Central Monitoring System

30	Weatherproof Standard	
31	Certificate	
S.No.	Specification	Details
64 Ch Network Video Recorder Specifications:-		
	Make	CP Plus
1	Main Processor	Dual-core embedded processor
2	Operating System	Embedded LINUX
3	IP Camera Input	64 channel
4	Two-way Talk	1 channel Input, 1 channel Output
5	Display Interface	2 HDMI, 1 VGA
6	Display Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
7	Total Bandwidth	Max 640Mbps bandwidth
8	Display Split	1/4/8/9/16/25/36
9	Support multiple brands	Should Support Multi-brand network cameras
10	OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
11	Recording Compression	H.265/H.264/MJPEG
12	Recording Resolution	12Mp, 8Mp, 6Mp, 5Mp, 3Mp, 1080P, 1.3Mp, 720P & etc.
13	User Interface	GUI
14	Motion Detection	MD Zones: 396(22×18)
15	Video Loss	Supports
16	Camera Blank	Supports
17	Alarm In/ out	It should have 16 Ch In and 4 Ch Out
18	Sync Playback	1/4/9/16
19	Smart Phone	It should support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC
20	IVS	Should Support camera video analytics and Provide analytics based search
21	Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
22	Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network
23	Hard Disk	8 SATA Ports, Up to 8 TB capacity for each HDD.Support N+1 Hot spare
24	RAID	RAID 0/1/5/10
25	External HDD	1 eSATA up to 16TB
26	Network Ethernet	2 RJ-45 Ports (10/100/1000Mbps)
27	USB	3 USB Ports

Tender for Central Monitoring System

28	Network Function	HTTP, TCP/IP, IPV4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Server, P2P, ONVIF
29	Additional Interfaces	RS232 : 1 port, For PC & Keyboard communication
		RS485 : 1 port, For PTZ control
30	Max. User Access	Should support mini 120 users
31	Power Supply	AC 100V~240V, 50/60 Hz
32	Power Consumption	55W (without HDD)
33	Working Environment	-10°C~+55°C / 10%~90%RH
34	Open Protocol	Should support ONVIF Profile S or higher
35	Certification	UL, FCC, CE, ISO certified

4/8 Ch Network Video Recorder Specifications:-		
1	Processor	Dual-core embedded processor
2	IP Camera Input	4/8 channel
3	Operating System	Embedded LINUX
4	Two-way Talk	1 channel Input, 1 channel Output, RCA
5	Video Output	1 HDMI, 1 VGA & GUI
6	Compression	H.265/H.264
7	Video Resolution	3840× 2160, 1920× 1080, 1280× 1024, 1280× 720, 1024× 768
8	Video Recording	80 Mbps
9	Video Display Split	1/4/8/9
10	Motion Detection	MD Zones: 396(22×18).
11	Video Loss, Camera Blank	Supports
12	Hard Disk	4ch Single SATA, 8 CH 2 SATA III ports, up to 12TB
13	Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
14	Recording Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
15	Backup Mode	USB Device/Network
16	Interface Ports	1 HDMI, 1 VGA, 2 USB Ports(1 USB2.0, 1 USB3.0), 1 RJ45
17	Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
18	Max User Account	128 users
19	Ethernet	1 RJ-45 port (10/100M)
20	Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search, ONVIF 2.4, CGI Conformant
21	Power Supply	DC12V/4A

Tender for Central Monitoring System

22	Power Consumption	<6.9W (Without HDD)
23	Certificate	UL,FCC,CE,RoHS
S.No.	Specification	Details
	8 TB Surveillance HDD	
	Make	Seagate
	Hard Disk	Surveillance Hard Disk 8 TB SATA (Serial ATA) for recording
S.No.	Specification	Details
	Make	Dlink
	CAT6 4Pair 23 AWG UTP cable	
S.No.	Specification	Details
	55 inch LED TV	
	Make	LG/Philip/Samsung
	LED Display (LED Monitor)	
1	Screen Size	55" (inches) or larger
2	Video Resolution	Full HD(1920 x 1080)
3	Brightness	350cd/m2
4	Contrast Ratio and Dynamic CR	1000:01:00 50000 : 1 or higher
5	Viewing angle (H/V)	178 deg / 178 deg
6	Response Time	Less than 12 ms
7	Digital Input	HDMI & DVI
8	Analog Input	RGB
9	USB Port	01 no.
10	External Control	RS-232, RJ45
11	Display Control	Monitor control on screen display, programmable with remote
12	Grade	Commercial /Industrial /Heavy Duty for Continious operation
13	Certifications	Safety : UL , CB, EMC : FCC Class "A", Energy Star : Yes, energy star 6.0 rating.
14	Power Supply	Power Supply : 100-240V~, 50/60Hz Consumption : 65W (Typ)/ 50W (Smart energy Saving) or less

S.No.	Specification	Details
	Central Monitoring software	
1	Devices Supported	Supporting DVR, NVR, IP-Camera, PTZ Camera, storage Device, Keyboard and VDP etc.
2	Supported Devices	Max 200 devices or more

Tender for Central Monitoring System

3	Supported Channels	Max 2000 or more
4	Device Management	Auto find, Add, Delete, Device group, Reboot, Setup, Specify network segment.
5	Device Abnormality	Device status, Alarm info, HDD info
6	Display Split	1 / 4/ 6/ 8 / 9 / 16 / 25 / 36/64
7	Preview Screen	1/4 display split
8	Features	Snapshot, Record, Audio, Talk, Instant playback, E - PTZ, Tours, Views, Fisheye correction, IVS, Stream types, Channel Zero, Adjustable aspect ratio.
9	PTZ Control	Directions, PTZ, Focus, Iris, Preset, Tour, Pattern; Keyboard control
10	Alarm output control	Supported
11	Record Mode	Manual, Schedule(Regular, MD, Alarm),Stop
12	Video	Local PC (Manual record or alarm record), Device itself, PC basedNVR
13	Image	Local PC (Manual Snapshot), Device itself
14	Max Channels	36
15	Recording Duration	24h for one search
16	Search Type	Certain time, Motion detection, Alarm, Smart search, Call ID
17	Max task of Export	10 once
18	Features	Snapshot, E - PTZ, Audio, Speed 1/8x~8x,Faster/Slower play, Synchronization playback, Fisheye correction, Adjustable aspect ratio
19	file Export format	Export as .dav/.avi/.mp4/.asf
20	Features	Schedule alarms, Setup actions, Operate/Memo alarm
21	Alarm Type	External alarm, Video loss, Motion, Tampering, IVS events, HDD events
22	Actions	Trigger recording, PTZ movement, Alarm, Popup video
23	E-Map	Supported
24	Image Format	JPEG / BMP
25	Device Configure	Network, Encode, PTZ, Image, Event, Record, Disk, Account, Maintenance, Web
26	Display	Remote control device's front panel screens
27	Account	User and role management; privileges according to module & device
28	Log	Client log, Remote device log, Operation log, System log, Alarm log
29	Video Talk	Preview, Talk, Unlock, Call, Record, Announcement, Snapshot, Config
	System And OS	

Tender for Central Monitoring System

30	System Requirement	CPU: Intel i3 or above; Memory: 2G or above; HDD: 80G or above
31	OS	Window XP or above
32	Display resolution	1024 x 768 or above
33	Languages	English

3.3 OTHER RESPONSIBILITIES OF THE SELECTED VENDOR DURING SERVICES

3.3.1 TIME PERIOD FOR COMPLETION

- 1) The time line for completion of the project shall be mutually decided with the selected Vendor but shall not exceed 3 months from the date of accepting the work order by the Vendor.
- 2) The project will be deemed complete only when solution/s is provided as per the work order in scheduled time frame with successful implementation at its DC & DR sites along with the associated documentation and training provided to Bank's concerned employees; as per the requirements of the contract executed between the Bank and the VENDOR.

3.3.2 SECURITY AND COMPLIANCES

- 1) The VENDOR shall ensure that the entire IT infrastructure to be provided in response to this tender shall be in conformity with the requirements of applicable provisions of Information Technology Act, 2000 and related amendments to the act, Reserve Bank of India guidelines and other statutory and regulatory authorities.
- 2) VENDOR shall use the system access granted to them by the Bank only to the extent necessary to perform the services.
- 3) VENDOR shall agree not to share, leak, copy, reproduce, sell or damage or use the Bank's data to anywhere other than notifying Bank in writing having written approval from Bank Authority. In case of such experiences during the implementation or after the post implementation in future, the contract will be terminated with immediate effect by issuing notice in writing.

Tender for Central Monitoring System

4 EVALUATION CRITERIA AND PROCESS

Vendor evaluation and selection would be done based on a comprehensive Technical & Commercial Evaluation.

The general criteria for selection shall be as below but subject to change and its sole discretion of Bank:

- Technical Evaluation: 70% for qualification.
- Commercial Evaluation : 100%

As per Bank policy this tender category is in general supplies. After technical qualification is done the selection of vendor will be purely on commercial evaluation only.

4.1 TECHNICAL EVALUATION:

MSC BANK will prepare a short-list of technically qualified vendors who scores minimum, 70 marks in technical scrutiny. Commercial offers/bids of only those vendors will be opened who qualify in the technical scrutiny.

The marks for Evaluation would be as follows:

Sr. No.	Particulars	Max Marks	Marks Obtained
1)	Relevant experience of the Vendor Company in years	10	
A	Less than 5 years		0
B	For 5 years to 8 years		5
C	More than 8 years		10
2)	Number of Projects handled by Vendor Company	25	
A	For 25 Projects to 30 Projects		5
B	For 30 Projects to 40 Projects		10
C	For 40 Projects to 50 Projects		20
D	More than 50 Projects		25
3)	Team size of the Vendor Company	20	
A	Less than 10 people		5
B	For 10 to 20 people		10
C	For 21 to 30 People		20
D	More than 30 people		25
4)	Number of CCTV Cameras installed	25	
A	For 500 Cameras to 1000 Cameras		5
B	For 1000 Cameras to 2000 Cameras		10
C	For 2000 Cameras to 3000 Cameras		20
D	More than 3000 Cameras		25
5)	Customer Feedback (Appreciation / Satisfaction Letters from Customers)	20	
A	For 5 to 10 Customer Feedbacks		5
B	For 10 to 15 Customer Feedbacks		10
C	For 15 to 20 Customer Feedbacks		15

Tender for Central Monitoring System

D	More than 20 Customer Feedbacks		20
	TOTAL TECHNICAL EVALUATION	100	

4.2 COMMERCIAL EVALUATION:

Lowest bidder shall be allotted maximum 100 marks and accordingly other bidders will be allotted marks in proportion to the lowest bidder and termed as L1, L2, L3.....

4.3 EVALUATION CRITERIA FOR AMOUNTS QUOTED FOR AMC:

For evaluation of financial bid with reference to the financial bid in **ANNEXURE – H**, the methods of Net Present Value (NPV) of AMC amount will be used. For evaluation of NPV, the following table will be used;

Year of AMC	Multiplication Factor
1 st	0.600
2 nd	0.528
3 rd	0.464

The difference in AMC per year for two consecutive years shall not exceed by 15%. Bidder should make sure that they meet this condition.

4.4 EVALUATION OF COMMERCIAL BID:

The Commercial Bids of RFPs quoted against 1 of **ANNEXURE – H** and NPV of AMC amounts as computed accordingly to paragraph 4 above will be considered. Accordingly, the total cost of the Bid will be arranged in descending order.

4.5 FINANCIAL SCORE OF BIDS:

Bidders shall be ranked as per the computed amount of bid in accordance with 4.3 above. Technically qualified bidder quoting lowest financial bid will be given 100 marks for his financial bid and to any other bidder marks for financial bids would be calculated as under:

$$\text{Financial Score} : 100 \times X / Y$$

Where
X = Price of lowest responsive bidder
Y = Price quoted by concerned responsive bidder

4.6 SELECTION OF SUCCESSFUL BIDDER AND ISSUANCE OF LOA

The financial bids would carry a weight of 100% (as calculated under 4.5).

The Total score of each bidder will be arrived at by as under.

$$\text{Total score} = 1.0 \times \text{Financial Score}$$

After the proposals have been received and studied, one or more potential vendors may be requested to make a formal presentation with wire diagram or prototype to Bank. All information supplied by the vendor in such a presentation, either as general information or in answer to a specific question by Bank, shall be considered binding on the vendor; and will be summarized in writing by the vendor and made part of the vendor's proposal.

Tender for Central Monitoring System

- 1) The commercial bid shall be opened only for technically shortlisted vendors.
- 2) The Bank reserves the right to contact any vendor, Client/Bank for clarification or information submitted, to contact current and past customers of the vendor and to use other sources of obtaining information regarding the vendor, which may be deemed appropriate and would assist in the evaluation
- 3) Bank reserves the right to determine selection process. The Bank in its best interest also reserves the right to reject/modify the proposed product/solution even after short listing.
- 4) **Vendor, in their proposal, must address any exceptions or alternate offerings to this tender if any. The Bank has attempted to provide information herein to assist Vendor to respond properly to this tender. However, it is not intended to limit a proposal's content or to exclude any relevant or essential data there from. Bank reserves the sole right to determine what is considered to be "equivalent" or "equal".**
- 5) Bank reserves the right to determine selection process. The Bank in its best interest also reserves the right to reject/modify the proposed product/solution even after short listing.
- 6) The Contract will be executed by abiding laws and the directives, instructions, guidelines issued by the Regulators and competent authority from time to time. During the tenure of the Contract nothing shall be done by the VENDOR in contravention of any law, act and/ or rules/regulations, there under or any amendment thereof governing inter-alia customs, foreign exchange, etc., and shall keep the MSC BANK, its Hon. Directors, Sr. Management, Officers, Employees, Consultants and System Integrators indemnified in this regard.
- 7) NO NEGOTIATION

The MSC BANK will not entertain any enquiries from the VENDORS post tender opening on the status of the bid, nor allow any price reductions during the course of the techno commercial evaluation, till the selected VENDOR is notified. No VENDOR shall contact MSC BANK on any matter relating to its offer/bid. Any effort by a VENDOR to influence MSC BANK in its decision on offer/ bid evaluation, comparison or contract award decisions may result in the rejection of the VENDOR's offer/bid forthwith. Any decision of MSC BANK in this regard shall be final, conclusive and binding on the VENDOR.

5 POST SELECTION INSTRUCTIONS AND TERMS & CONDITIONS

5.1 RESPONSIBILITIES OF SELECTED VENDOR

- 1) The VENDOR shall undertake and complete the project as per the given Project Plan.
- 2) The VENDOR must provide details of the support and services with escalation matrix for maintain 100% uptime to be given to the Bank.
- 3) The VENDOR shall maintain the infrastructure provided by the Bank for the implementation and Operation of the project and allied services.
- 4) The VENDOR shall specify the Hardware and Software/ Licenses required for the solution to run.

5.2 RESPONSIBILITIES OF THE BANK

- 1) The Bank shall provide space / infrastructure, related equipment and components etc.
- 2) On day to day basis the officials of the Bank shall help the engineers deputed by the VENDOR for the job in their capacity.

5.3 SCHEDULE OF PAYMENT:

The generic payment schedule with the finalized VENDOR shall be as follows:

- 1) 20% will be released on completion of Installations and Commencement of Central Monitoring System of H.O. (three building and Vashi Administrative Office)
- 2) 20% will be released on completion of Installations and Commencement of Central Monitoring System of Mumbai Branches.
- 3) 20% will be released on completion of Installations and Commencement of CCTV Cameras of Branches Regional Offices in rest of Maharashtra.
- 4) 40% will be on successful completion of project

Note: Delivery phases may be defined during project planning stage with successful VENDOR.

5.4 RATES:

The rates quoted shall remain firm throughout the period of contract and this contract will remain valid up to the date of completion of the contract by the VENDOR and shall not be subject to any upward modification whatsoever.

5.5 TAXES AND DUTIES:

The applicable taxes should be mentioned separately and shall have to be included separately in the bills by the VENDOR to whom tender may get awarded.

5.6 PENALTY:

The details shall be mutually agreed at the time of signing contract & SLA with the selected VENDOR.

5.7 INSURANCE:

The Bank will not pay for any insurance charges against loss or damage of whatsoever nature in respect of software, employee of the VENDOR or third party contract working for the VENDOR. The VENDOR shall be responsible for the same and expectation of providing required insurance is necessity whenever and wherever required

5.8 PERFORMANCE GUARANTEE:

The selected VENDOR shall furnish unconditional and irrevocable bank guarantee for 10% of the order value, in favor of **The Maharashtra State Co-operative Bank Ltd**, from a scheduled commercial bank acceptable to the BANK towards due performance of the contract in accordance with the specifications and conditions of the bid document.

The VENDOR shall submit the above guarantee within one week from the effective date (the date of acceptance of the order). The contract performance guarantee shall be kept valid till the completion of the Warranty period. The guarantee should have additional claim period of three months after expiry of guarantee.

5.9 FORCE MAJEURE DURING THE PENDENCY:

Force Majeure is herein defined as any cause, which is beyond the control of the selected VENDOR or the MSC BANK as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:

1. Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics
2. Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargos
3. Terrorist attack, public unrest in work area

Provided either party shall within 10 days from occurrence of such a cause, notify the other in writing of such causes. The VENDOR or MSC BANK shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above. Any delay beyond 30 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality and dispute resolution mechanism survive termination of the contract.

5.10 CONFIDENTIALITY:

The VENDOR agrees that they shall hold in trust any Information received by them, under the Contract/Agreement, and the strictest of confidence shall be maintained in respect of such Information. The VENDOR also agrees:

- 1) To maintain and use the Information only for the purposes of the Contract/Agreement and only as permitted by MSC BANK;
- 2) To only make copies as specifically authorized by the prior written consent of MSC BANK and with the same confidential or proprietary notices as may be printed or displayed on the original;

Tender for Central Monitoring System

- 3) To restrict access and disclosure of Information to such of their employees, agents, strictly on a "need to know" basis, to maintain confidentiality of the Information disclosed to them in accordance with this Clause
- 4) To treat all Information as Confidential Information.

Confidential Information does not include information which:

- 1) The VENDOR knew or had in its possession, prior to disclosure, without limitation on its confidentiality;
- 2) Is independently developed by the VENDOR without breach of the Contract/Agreement ;
- 3) Information in the public domain as a matter of law;
- 4) Is received from a third party not subject to the obligation of confidentiality with respect to such information;
- 5) Is released from confidentiality with the written consent of the MSC BANK.

The VENDOR shall have the burden of proving that Clauses (1) or (2) above are applicable to the information in the possession of the VENDOR.

Notwithstanding the foregoing, the VENDOR acknowledge that the nature of the Service(s) to be performed under the Contract/Agreement may require the VENDOR'S personnel to be present on premises of the MSC BANK/Purchaser or may require the VENDOR'S personnel to have access to computer networks of MSC BANK while on or off premises of the MSC BANK. It is understood that it would be impractical for the MSC BANK to monitor all information made available to the VENDOR under such circumstances and to provide notice to the VENDOR of the confidentiality of all such information. Therefore, the VENDOR agrees that any technical or business or other information of the VENDOR that the VENDOR'S personnel, or agents acquire while on the MSC BANK's premises, or through access to the MSC BANK's computer systems or databases while on or off the MSC BANK's premises, shall be deemed Confidential Information. Confidential Information shall at all times remain the sole and exclusive property of the MSC BANK. Upon termination of the Contract / Agreement, Confidential Information shall be returned to the MSC BANK or destroyed, if incapable of return. The destruction shall be witnessed and so recorded, in writing, by an authorized representative of each of the MSC BANK and the VENDOR. Nothing contained herein shall in any manner impair rights of the MSC BANK in respect of the Service(s), and Documents, etc.

In the event that the MSC BANK hereto becomes legally compelled to disclose any Confidential Information, the VENDOR shall disclose to a third party any Confidential Information without the prior written consent of the MSC BANK. The obligations of this Clause shall be satisfied by handling Confidential Information with the same degree of care, which the receiving Party applies to its own similar confidential information but in no event less than reasonable care.

The provision of this clause shall survive termination of the Contract till such Confidential Information enters public domain.

5.11 TERMINATION OF CONTRACT:

The Bank shall be entitled to terminate the agreement with the VENDOR at any time by giving 60 days (Sixty days / two months) written notice in advance to the VENDOR.

5.12 EFFECT OF TERMINATION:

- a) The VENDOR agrees that it shall not be relived of its obligations under the reverse transition mechanism notwithstanding the termination of the assignment

Tender for Central Monitoring System

- b) The VENDOR agrees that after completion of the term or upon earlier termination of the assignment the VENDOR shall, if required by the bank continue to provide maintenance services to the Bank at no less favorable terms than those contained in this tender
- c) Smooth handover of all documents / equipments / training to new vendor or the MSC Bank as agreed by both the parties.

5.13 OWNERSHIP AND RETENTION OF DOCUMENTS:

- a) The MSC BANK shall own the documents/solutions, prepared by or for the VENDOR arising out of or in connection with the Contract.
- b) Forthwith upon expiry or earlier termination of the Contract and at any other time on demand by the MSC BANK, the VENDOR shall deliver to the MSC BANK all documents provided by or originating from the MSC BANK / Purchaser and all documents produced by or from or for the VENDOR in the course of performing the Service(s), unless otherwise directed in writing by MSC BANK at no additional cost.
- c) The VENDOR shall not, without the prior written consent of the MSC BANK, copy, distribute or retain any such Documents. The VENDOR shall preserve all documents provided by or originating from the MSC BANK and all documents produced by or from or for the VENDOR in the course of performing the Service(s) in accordance with the legal, statutory, regulatory obligations of the MSC BANK in this regard.

5.13.1 ARBITRATION:

All disputes, differences, claims and demands arising under or pursuant to or touching the contract shall be referred to the sole arbitrator to be appointed by the bank. The award of the sole arbitrator shall be final and binding on both the parties under the provisions of the Arbitration and Conciliation Act by statutory modification/re-enactment thereof for the time being in force. Such arbitration shall be held at Bank's head office located in Mumbai in Maharashtra state.

5.14 JURISDICTION OF COURTS:

VENDOR will abide by all applicable Indian laws and regulations and will obtain (or demonstrate current possession of) any and all permits, licenses, certifications or other approvals that may be required and / or appropriate for performing services hereunder. The laws of India will govern any agreement resulting from this tender. In all matters and disputes arising there under, the appropriate Courts at Mumbai in Maharashtra state only shall have the jurisdiction to entertain and try them.

5.15 REPRESENTATIONS AND WARRANTIES:

The VENDOR hereby represents and warrants as of the date hereof, which representations and warranties shall survive the term and termination hereof, the following:

- 1) That the VENDOR is a VENDOR which has the requisite qualifications, skills, experience and expertise in providing Service(s) contemplated hereunder to third parties, the technical know-how and the financial wherewithal, the power and the authority to enter into the Contract and provide the Service(s) sought by the MSC BANK .

Tender for Central Monitoring System

- 2) That the VENDOR is not involved in any major litigation, potential, threatened and existing, that may have an impact of affecting or compromising the performance and delivery of Service(s) under the Contract and Service Level Agreement to be signed separately.
- 3) That the representations made by the VENDOR in its bid are and shall continue to remain true and fulfill all the requirements as are necessary for executing the duties, obligations and responsibilities as laid down in the Contract and Service Level Agreement to be signed separately and the Bid Documents and unless the MSC BANK specifies to the contrary, the VENDOR shall be bound by all the terms of the bid.
- 4) That the VENDOR has the professional skills, personnel and resources/authorizations that are necessary for providing all such Services as are necessary to perform its obligations under the bid and this Contract and Service Level Agreement to be signed separately for the defined period.
- 5) That the VENDOR shall ensure that all assets including but not limited to software, licenses, Databases, documents, etc. developed, procured, deployed and created during the term of the Contract are duly maintained and suitably updated, upgraded, replaced with regard to contemporary, statutory, audit & review requirements.
- 6) That the VENDOR shall use such assets of the MSC BANK as the Bank may permit for the sole purpose of execution of its obligations under the terms of the bid, Tender or the Contract. The VENDOR shall however, have no claim to any right, title, lien or other interest in any such property, and any possession of property for any duration whatsoever shall not create any right in equity or otherwise, merely by fact of such use or possession during or after the term hereof.
- 7) That the VENDOR shall procure all the necessary permissions and adequate approvals and licenses for use of various software and any copyrighted process/product free from all claims, titles, interests and liens thereon and shall keep the MSC BANK, its Hon. Directors, Sr. Management, Officers, Employees, Consultants and System Integrators indemnified in relation thereto.
- 8) That all the representations and warranties as have been made by the VENDOR with respect to its bid are true and correct, and shall continue to remain true and Applicable only in case VENDOR is a VENDOR within the meaning of Companies Act, 1956 correct through the term of the Contract.
- 9) That the execution of the Service(s) herein is and shall be in accordance and in compliance with all applicable laws.
- 10) That there are - (a) no legal proceedings pending or threatened against VENDOR or any sub third party or its team which adversely affect/may affect performance under the Contract; and (b) no inquiries or investigations have been threatened, commenced or pending against the VENDOR/or its team members by any statutory or regulatory or investigative agencies.
- 11) That the VENDOR has the corporate power to execute, deliver and perform the terms and provisions of the Contract and has taken all necessary corporate action to authorize the execution, delivery and performance by it of the Contract.
- 12) That all conditions precedent under the Contract has been complied.
- 13) That neither the execution and delivery by the VENDOR of the Contract nor the VENDOR's compliance with or performance of the terms and provisions of the Contract (i) will contravene any provision of any applicable law or any order, writ, injunction or decree of any court or governmental authority binding on the VENDOR or (ii) will conflict or be inconsistent with or result in any breach of any or the terms, covenants, conditions or provisions of, or constitute a default under any agreement, contract or instrument to which the VENDOR is a party or by which it or any of its property or

Tender for Central Monitoring System

assets is bound or to which it may be subject or (iii) will violate any provision of the Memorandum and Articles of Association of the VENDOR.

- 14) That all registrations, recordings, filings and notarizations of the Contract and all payments of any tax or duty, including without limitation stamp duty, registration charges or similar amounts which are required to be effected or made by the VENDOR which is necessary to ensure the legality, validity, enforceability or admissibility in evidence of the Contract have been made.
- 15) That the VENDOR confirms that there shall not be any execution, amendment or modification of any agreement/contract without the prior written consent of MSC BANK, which may directly or indirectly have a bearing on the Contract or Service(s).
- 16) That the VENDOR owns, has license to use or otherwise has the right to use all Intellectual Property Rights, which are required or desirable for the Service(s) and the VENDOR does not, in carrying on its business and operations, infringe any Intellectual Property Rights of any person. None of the Intellectual Property or Intellectual Property Rights owned or enjoyed by the VENDOR or which the VENDOR is licensed to use, which are material in the context of the VENDOR's business and operations are being infringed nor, so far as the VENDOR is aware, is there any infringement or threatened infringement of those Intellectual Property or Intellectual Property Rights licensed or provided to the VENDOR by any person.
- 17) All Intellectual Property Rights (owned by the VENDOR or which the VENDOR is licensed to use) are valid and subsisting. All actions (including registration, payment of all registration and renewal fees) required to maintain the same in full force and effect have been taken thereon and shall keep the MSC BANK, its Hon. Directors, Sr. Management, Officers, Employees, Consultants and System Integrators indemnified in relation thereto.

5.16 CANCELLATION OF THE CONTRACT & COMPENSATION:

The MSC BANK reserves the right to cancel the contract placed on the selected VENDOR and recover expenditure incurred by MSC BANK under the following circumstances: -

- 1.i.i.1. Selected VENDOR commits a breach of any of the terms and conditions of the bid.
- 1.i.i.2. VENDOR goes into liquidation, voluntarily or otherwise.
- 1.i.i.3. An attachment is levied or continues to be levied for a period of seven days upon effects of the bid.
- 1.i.i.4. The progress regarding execution of the order accepted, made by the selected VENDOR is found to be unsatisfactory.
- 1.i.i.5. If deductions on account of liquidated damages exceeds more than 5% of the total contract price.
- 1.i.i.6. If real time failover of activity in case of failure of
 - i. Hardware
 - ii. Operating System
 - iii. Application hang-up and Failure
 - iv. Any other reason/ failure which causes the devices to fail and thereby uptime is less than 98% during warranty/ AMC.
- 1.i.i.7. The MSC BANK reserves the right to cancel the AMC (if contracted) placed on the selected VENDOR and recover AMC payment made by the MSC BANK if uptime for any reason as stated in above 6 is less than 98%.

Tender for Central Monitoring System

- 1.i.i.8. In case the selected VENDOR fails to deliver the quantity as stipulated in the delivery schedule, the MSC BANK reserves the right to procure the same or similar product from alternate sources at the risk, cost and responsibility of the selected VENDOR.
- 1.i.i.9. After the award of the contract, if the selected VENDOR does not perform satisfactorily or delays execution of the contract, the MSC BANK reserves the right to get the balance contract executed by another party of its choice by giving one month's notice for the same. In this event, the selected VENDOR is bound to make good the additional expenditure, which MSC BANK may have to incur in executing the balance contract. This clause is applicable even if for any reason, the contract is cancelled.
- 1.i.i.10. The MSC BANK reserves the right to recover any dues payable by the selected VENDOR from any amount outstanding to the credit of the selected VENDOR, including the pending bills and/or invoking the bank guarantee under this contract.

5.17 LIQUIDATED DAMAGES

Notwithstanding MSC BANK's right to cancel the order, liquidated damages at 0.5% of the system value per site per week will be charged for every week's delay in the execution of the purchase order beyond the specified delivery/installation schedule subject to a maximum of 5% of the value of the systems ordered. MSC BANK reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by MSC BANK to the VENDOR. Liquidated damages will be calculated per week on per site basis.

OFFER COVERING LETTER

To,
The Maharashtra State Co-operative Bank Ltd (MSC BANK)
Sir Vithaldas Thackersey Memorial Building,
9 Maharashtra Chamber of Commerce Lane, Fort Mumbai 400001.

Ref.: RFP to procure, install and commissioning of the Central Monitoring System of all branches of MSC Bank in Maharashtra

Dear Sir,

We have examined the RFP and we offer to prepare and implement the BCP and DRP for the MSC Bank as per the terms and conditions and technical specifications spelt out, and in accordance with the schedule of prices indicated in the commercial bid and made part of this offer/bid.

We agree to abide by this offer till expiry of the period of validity of our offer and our offer shall remain binding upon us and may be accepted by the MSC BANK any time before the expiry of that period.

Until a formal contract is prepared and executed, this offer, together with MSC BANK's written acceptance thereof and the MSC BANK's notification of award shall constitute a final, conclusive and binding contract between us.

We also certify that the information/data/particulars furnished in our bid are factually correct. We also accept that in the event of any information/data/particulars proving to be incorrect, the MSC BANK will have the right to disqualify us from the bid.

We understand that MSC BANK may reject any or all of the offers without assigning any reason whatsoever. Any decision of MSC BANK in this regard shall be final, conclusive and binding on us.

The above arrangement is binding on our successors and assigns. We agree not to assign these provisions / presents without prior written approval of MSC BANK.

Yours faithfully,
(Name and Designation)
For and on behalf of _____

- Pl. furnish the corporate authorization

DETAILS OF THE VENDOR'S ORGANIZATION AND PROFITS

Details filled in below must be supported by sufficient documentary evidence, in order to verify the correctness of the information.

SR. No.	DETAILS OF THE COMPANY	RESPONSE
A	Name of Company	
B	Company Head Office and registered office address	
C	Telephone and Fax numbers	
D	Ownership structure	
E	Date of incorporation. Please enclose Company Registration Certificate.	
F	Company Sales Tax Number, GST number. Please enclose supporting document.	
G	Company PAN . Please enclose supporting document.	
H	Quality Certification Please enclose copies of Quality Certificates (ISO/ CMM etc), if any.	
I	List of Support Centers with addresses and phone numbers	
J	Number of customers / clients (Attach list of Customers / Clients)	
K	Total strength of the Company in terms of skilled manpower <ul style="list-style-type: none"> • Support Team • Implementation Team • And Others 	

Business Details

K	Annual Turnover in Crore (INR)	2016-17	
		2017-18	
		2018-19	
L	Net Profit in Crore (INR)	2016-17	
		2017-18	
		2018-19	

Yours faithfully,

(Name and Designation)

For and on behalf of _____

- Pl. furnish the corporate authorization

FORMAT OF POWER OF ATTORNEY FOR SIGNING OF BID

POWER OF ATTORNEY

(On Stamp Paper of relevant value)

Know all men by these presents, we _____ (name of the VENDOR / partnership firm and address of the registered office) do hereby appoint and authorize Mr. _____ (full name and residential address) who is presently employed with us and holding the position of _____ as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our proposal to **procure, install and commissioning the Central Monitoring System camera at all branches & Offices of MSC Bank in Maharashtra**, in response to the RFP No 183 (Request for Proposal) by MSC BANK (hereinafter referred to as the BANK), including signing and submission of all documents and providing information/responses to MSC BANK in all matters in connection with our bid / offer.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Dated this _____ day of _____ 2014

For _____

(Signature)
(Name, Designation and Address)

Accepted

(Signature)
(Name, Title and Address of the Attorney)
Date:

Note:
To be executed by the all members in case of a Consortium.

1. The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants and when it is so required the same should be under common seal affixed in accordance with the required procedure.
2. Also, wherever required, the VENDOR should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the VENDOR.
3. In case the Application is signed by an authorized Director / Partner or Proprietor of the Applicant, a certified copy of the appropriate resolution / document conveying such authority may be enclosed in lieu of the Power of Attorney.

UNDERTAKING

It is certified that the information furnished here in and as per the document submitted is true and accurate and nothing has been concealed or tampered with. We have gone through all the conditions of bid and are liable to any punitive action for furnishing false information / documents.

Dated this ____ day of _____ 2014

Yours faithfully,

(Name and Designation)

For and on behalf of _____

- Pl. furnish the corporate authorization

SELF DECLARATION OF NON BLACKLISTING

To,
The Maharashtra State Co-operative Bank Ltd (MSC BANK)
Sir Vithaldas Thackersey Memorial Building,
9 Maharashtra Chamber of Commerce Lane, Fort Mumbai 400001.

Sub.: Self declaration of non-blacklisting

Ref.: RFP to procure, install and commissioning the Central Monitoring System of CCTV cameras at all branches of MSC Bank in Maharashtra

Dear Sir,

We hereby declare that we have never been blacklisted / barred / disqualified by any regulator / statutory body. We also affirm that we have not involved in any such incident what so ever, where the job undertaken / performed and conducted has been questioned by any authority and which has led to a legal action.

Thank you.

Yours faithfully,

(Name and Designation)

For and on behalf of _____

- Pl. furnish the corporate authorization

TECHNICAL COMPLIANCE SHEET

S.No.	Specification	Details	Compliance	Remarks
	2 MP IP Bullet Vari-focal Camera Specifications:-			
	Make	CP Plus		
1	Image Sensor	1/2.8" 2MP PS CMOS		
2	Minimum Illumination	0.006Lux/F1.4(Color,1/3s,30IRE) 0.05Lux/F1.4(Col- or,1/30s,30IRE) 0Lux/F1.4(IR on)		
3	Effective Pixels	1920(H) x 1080(V)		
4	Shutter Speed	Auto/Manual, 1/3(4)~1/100000s		
5	White Balance	Auto/Natural/Street Lamp/Outdoor/Manual		
6	Lens	2.7mm~13.5mm Motorized Lens		
7	Gain Control (AGC)	Auto/Manual		
8	Video Compression	H.265+/H.265/H.264		
9	S/N Ratio	More than 45dB		
10	Back Light Comp.	BLC / HLC / WDR(120dB)		
11	Video Streaming	2MP (1 ~ 25/30fps) , D1/CIF(1 ~ 25/30fps)		
12	Resolution	1080P(1920x1080)/SXGA(1280x1024)/1.3M(1280x960)/720P(1280x720)/D1(704x576/704x480)/VGA(640x480)CIF(352x288/352x240)		
13	Digital Zoom	16x		
14	Motion Detection	Off / On (4 Zone, Rectangle)		
15	Privacy Mask	Off / On (4 Area, Rectangle)		
16	IVS	Tripwire & Intrusion		
17	ICR	Auto(ICR)/Color/B/W		
18	Audio Input	1/1		
19	Audio Compression	G.711A;G.711Mu;G.726;AAC		
20	Alarm IN/OUT	01/01		
21	Bit Rate	H.265: 12K ~ 6400Kbps , H.264: 32K ~ 10240Kbps		
22	Protocol	DHCP ;DNS;DDNS;PPPOE;IPv4/v6;SNMP,H TTP;TCP;ARP;RTSP;RTP;UDP;RTCP;S MTP;ROI,FTP;;QoS;UPnP;NTP; ONVIF, PSIA, CGI		
23	Ethernet	RJ-45 (10/100Base-T)		
24	User Account	20 Users		
25	IR	IR Range of 60 Mtr., Smart IR		

Tender for Central Monitoring System

26	Micro SD	Micro SD , Max 128GB		
27	Operating Temperature	-30°C~+60°C , Less than 95%RH		
28	Power Source	DC12V, PoE (802.3af)		
29	Power Consumption	<12 W		
30	Weatherproof Standard	IP67		
31	Certificate	UL,FCC,CE,RoHS		
S.No.	Specification	Details	Compliance	Remarks
	64 Ch Network Video Recorder Specifications:-			
	Make	CP Plus		
1	Main Processor	Dual-core embedded processor		
2	Operating System	Embedded LINUX		
3	IP Camera Input	64 channel		
4	Two-way Talk	1 channel Input, 1 channel Output		
5	Display Interface	2 HDMI, 1 VGA		
6	Display Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768		
7	Total Bandwidth	Max 640Mbps bandwidth		
8	Display Split	1/4/8/9/16/25/36		
9	Support multiple brands	Should Support Multi-brand network cameras		
10	OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
11	Recording Compression	H.265/H.264/MJPEG		
12	Recording Resolution	12Mp, 8Mp, 6Mp, 5Mp, 3Mp, 1080P, 1.3Mp, 720P & etc.		
13	User Interface	GUI		
14	Motion Detection	MD Zones: 396(22×18)		
15	Video Loss	Supports		
16	Camera Blank	Supports		
17	Alarm In/ out	It should have 16 Ch In and 4 Ch Out		
18	Sync Playback	1/4/9/16		
19	Smart Phone	It should support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC		
20	IVS	Should Support camera video analytics and Provide analytics based search		
21	Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
22	Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network		
23	Hard Disk	8 SATA Ports, Up to 8 TB capacity for each HDD.Support N+1 Hot spare		
24	RAID	RAID 0/1/5/10		

Tender for Central Monitoring System

25	External HDD	1 eSATA up to 16TB		
26	Network Ethernet	2 RJ-45 Ports (10/100/1000Mbps)		
27	USB	3 USB Ports		
28	Network Function	HTTP, TCP/IP, IPV4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Server, P2P, ONVIF		
29	Additional Interfaces	RS232 : 1 port, For PC & Keyboard communication		
		RS485 : 1 port, For PTZ control		
30	Max. User Access	Should support mini 120 users		
31	Power Supply	AC 100V~240V, 50/60 Hz		
32	Power Consumption	55W (without HDD)		
33	Working Environment	-10°C~+55°C / 10%~90%RH		
34	Open Protocol	Should support ONVIF Profile S or higher		
35	Certification	UL, FCC, CE, ISO certified		

		4/8 Ch Network Video Recorder Specifications:-		
1	Processor	Dual-core embedded processor		
2	IP Camera Input	4/8 channel		
3	Operating System	Embedded LINUX		
4	Two-way Talk	1 channel Input, 1 channel Output, RCA		
5	Video Output	1 HDMI, 1 VGA & GUI		
6	Compression	H.265/H.264		
7	Video Resolution	3840× 2160, 1920× 1080, 1280× 1024, 1280× 720, 1024× 768		
8	Video Recording	80 Mbps		
9	Video Display Split	1/4/8/9		
10	Motion Detection	MD Zones: 396(22×18).		
11	Video Loss, Camera Blank	Supports		
12	Hard Disk	4ch Single SATA, 8 CH 2 SATA III ports, up to 12TB		
13	Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips		
14	Recording Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop		
15	Backup Mode	USB Device/Network		
16	Interface Ports	1 HDMI, 1 VGA, 2 USB Ports(1 USB2.0, 1 USB3.0), 1 RJ45		
17	Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
18	Max User Account	128 users		

Tender for Central Monitoring System

19	Ethernet	1 RJ-45 port (10/100M)		
20	Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search, ONVIF 2.4, CGI Conformant		
21	Power Supply	DC12V/4A		
22	Power Consumption	<6.9W (Without HDD)		
23	Certificate	UL, FCC, CE, RoHS		
S.No.	Specification	Details	Compliance	Remarks
	8 TB Surveillance HDD			
	Make	Seagate		
	Hard Disk	Surveillance Hard Disk 8 TB SATA (Serial ATA) for recording		
S.No.	Specification	Details	Compliance	Remarks
	CAT 6 Cable			
	Make	Dlink		
	CAT6 4Pair 23 AWG UTP cable			
S.No.	Specification	Details	Compliance	Remarks
	55 inch LED TV			
	Make	LG/Philip/Samsung		
	LED Display (LED Monitor)			
1	Screen Size	55" (inches) or larger		
2	Video Resolution	Full HD(1920 x 1080)		
3	Brightness	350cd/m2		
4	Contrast Ratio and	1000:01:00		
	Dynamic CR	50000 : 1 or higher		
5	Viewing angle (H/V)	178 deg / 178 deg		
6	Response Time	Less than 12 ms		
7	Digital Input	HDMI & DVI		
8	Analog Input	RGB		
9	USB Port	01 no.		
10	External Control	RS-232, RJ45		
11	Display Control	Monitor control on screen display, programmable with remote		
12	Grade	Commercial /Industrial /Heavy Duty for Continious operation		
13	Certifications	Safety : UL , CB, EMC : FCC Class "A", Energy Star : Yes, energy star 6.0 rating.		

Tender for Central Monitoring System

14	Power Supply	Power Supply : 100-240V~, 50/60Hz Consumption : 65W (Typ)/ 50W (Smart energy Saving) or less		
S.No.	Specification	Details	Compliance	Remarks
	Central Monitoring software			
1	Devices Supported	Supporting DVR, NVR, IP-Camera, PTZ Camera, storage Device, Keyboard and VDP etc.		
2	Supported Devices	Max 200 devices or more		
3	Supported Channels	Max 2000 or more		
4	Device Management	Auto find, Add, Delete, Device group, Reboot, Setup, Specify network segment.		
5	Device Abnormality	Device status, Alarm info, HDD info		
6	Display Split	1 / 4/ 6/ 8 / 9 / 16 / 25 / 36/64		
7	Preview Screen	1/4 display split		
8	Features	Snapshot, Record, Audio, Talk, Instant playback, E - PTZ, Tours, Views, Fisheye correction, IVS, Stream types, Channel Zero, Adjustable aspect ratio.		
9	PTZ Control	Directions, PTZ, Focus, Iris, Preset, Tour, Pattern; Keyboard control		
10	Alarm output control	Supported		
11	Record Mode	Manual, Schedule(Regular, MD, Alarm),Stop		
12	Video	Local PC (Manual record or alarm record), Device itself, PC based-NVR		
13	Image	Local PC (Manual Snapshot), Device itself		
14	Max Channels	36		
15	Recording Duration	24h for one search		
16	Search Type	Certain time, Motion detection, Alarm, Smart search, Call ID		
17	Max task of Export	10 once		
18	Features	Snapshot, E - PTZ, Audio, Speed 1/8x~8x,Faster/Slower play, Synchronization playback, Fisheye correction, Adjustable aspect ratio		
19	file Export format	Export as .dav/.avi/.mp4/.asf		
20	Features	Schedule alarms, Setup actions, Operate/Memo alarm		

Tender for Central Monitoring System

21	Alarm Type	External alarm, Video loss, Motion, Tampering, IVS events, HDD events		
22	Actions	Trigger recording, PTZ movement, Alarm, Popup video		
23	E-Map	Supported		
24	Image Format	JPEG / BMP		
25	Device Configure	Network, Encode, PTZ, Image, Event, Record, Disk, Account, Maintenance, Web		
26	Display	Remote control device's front panel screens		
27	Account	User and role management; privileges according to module & device		
28	Log	Client log, Remote device log, Operation log, System log, Alarm log		
29	Video Talk	Preview, Talk, Unlock, Call, Record, Announcement, Snapshot, Config		
	System And OS			
30	System Requirement	CPU: Intel i3 or above; Memory: 2G or above; HDD: 80G or above		
31	OS	Window XP or above		
32	Display resolution	1024 x 768 or above		
33	Languages	English		

List of locations for connectivity through internet to be carried out

sr. No.	Branch Name	System	DVR	Channels	No of cameras	MAKE
1	Parel	1	1	4	4	CP Plus
2	Sion	1	1	4	4	CP Plus
3	Bandra (E)	1	1	4	4	CP Plus
4	Prabhadevi	1	1	4	4	CP Plus
5	Peddar Road	1	1	4	4	CP Plus
6	Kurla (W)	1	1	4	4	CP Plus
7	Shivajipark	1	1	4	4	CP Plus
8	Andheri (e)	1	1	4	4	CP Plus
9	Borivali	1	1	4	4	CP Plus
10	Chembur	1	1	4	4	CP Plus
11	Dahisar	1	1	4	4	CP Plus
12	Goregaon (W)	1	1	4	4	CP Plus
13	Ghatkopar (E)	1	1	4	4	CP Plus
14	Kandivali	1	1	4	4	CP Plus
15	Khar (w)	1	1	4	4	CP Plus
16	Malad (e)	1	1	4	4	CP Plus
17	Mulund	1	1	4	4	CP Plus
18	Santacruz (e)	1	1	4	4	CP Plus
19	Santacruz(w)	1	1	4	4	CP Plus
20	Vikhroli	1	1	4	4	CP Plus
21	Villeparle (e)	1	1	4	4	CP Plus
22	Versova	1	1	4	4	CP Plus
23	Byculla	1	1	4	4	CP Plus
24	Vashi Br.(MIS)	1	1	4	4	CP Plus
25	Jogeshwari (ext. counter)	1	1	4	4	CP Plus
26	Y.B.Chavan (Ext. Counter)	1	1	4	4	CP Plus
27	Vashi (Turbe extn.c)	1	1	4	4	CP Plus
28	Chembur ATM	1	1	4	2	CP Plus
29	Sion ATM	1	1	4	2	CP Plus
30	Vashi Admin office ATM	1	1	4	2	CP Plus
31	Head Office,ATM	1	1	4	2	CP Plus
32	Benet House,ATM	1	1	4	2	CP Plus
33	Sihkhar training centre,Vashi	1	1	4	4	CP Plus
34	International Banking Deptt	1	1	4	4	CP Plus
35	Oricon House	1	1	4	4	CP Plus
36	Inspection Audit Deptt	1	1	4	4	CP Plus
37	Deonagar (Nagpur)	1	1	4	4	CP Plus
38	Dharampeth (Nagpur)	1	1	4	4	CP Plus
39	Dhantoli (Nagpur)	1	1	4	4	CP Plus
40	Rana pratap nagar (Nagpur)	1	1	4	4	CP Plus
41	Sadar (Nagpur)	1	1	4	4	CP Plus
42	Sitabardi (Nagpur)	1	1	4	4	CP Plus

Tender for Central Monitoring System

43	Wanjarinagar (Nagpur)	1	1	4	4	CP Plus
44	Chotatajbag (Nagpur)	1	1	4	4	CP Plus
45	Bayramjitown (Nagpur)	1	1	4	4	CP Plus
46	Manewada (Nagpur)	1	1	4	4	CP Plus
47	Dighori (Nagpur)	1	1	4	4	CP Plus
48	Akola	1	1	4	4	CP Plus
49	Amravati	1	1	4	4	CP Plus
50	Kolhapur	1	1	4	4	CP Plus
51	Nasik	1	1	4	4	CP Plus
52	Pune	1	1	4	4	CP Plus
53	Dhule	1	1	4	4	CP Plus
54	Solapur	1	1	4	4	CP Plus
55	Beed	1	1	4	4	CP Plus
56	Nanded	1	1	4	4	CP Plus
57	Jalgaon	1	1	4	4	CP Plus
58	Osmanabad	1	1	4	4	CP Plus
59	Jalna	1	1	4	4	CP Plus
60	Parbhani	1	1	4	4	CP Plus
61	Wardha	1	1	4	4	CP Plus
62	Yawatmal	1	1	4	4	CP Plus
63	Nasik RO	1	1	8	8	CP Plus
64	Aurangabad RO	1	1	8	8	CP Plus
65	Nagpur RO	1	1	8	8	CP Plus
66	Kolhapur RO	1	1	8	8	CP Plus
67	Nanded RO	1	1	8	8	CP Plus
68	Pune RO	1	1	8	8	CP Plus
69	Head Office	1	1	64	47	CP Plus
	Total	69	69		329	

COMMERCIAL BID

One-time Expenses for all locations

Sr. No.	Particulars	No of systems	Details	GST	TOTAL AMOUNT Rs.
1	Installation of 64 channel NVR of CP Plus with 47 HD cameras and compatible hard disk for one month recording for Head Office	1	64 channel DVR, 47 nos of HD cameras, 8 No of 4TB HDD, 7Nos of 8 port switches,		
2	Installation of 8 channel NVR of CP Plus with 8 HD cameras and compatible hard disk for one month recording for one month for Regional offices	6	8 channel DVR, 48 nos of HD cameras, 12 No of 4TB hard disk, 6Nos of 8 port switches		
3	Installation of 4channel NVR of CP Plus with 4 HD cameras and compatible hard disk for one month recording for one month for IBD,STC,Oricon house, & inspection Audit Deptt.	4	4 channel DVR, 16 nos of HD cameras, 4 nos of 4TB HDD, 4 nos of 4port switches		
4	Central monitoring Hardware	1			
5	Central monitoring software	1			
6	97" monitor	1			
7	Cabling charges	all locations	@Rs.____ per mtr approx. 1000 mtr		
8	4 port switch	57			
9	8 port switch	6			
			GRAND TOTAL		

Note-Number of locations and number of cameras are subject to change.

SEAL & SIGNATURE OF CONTRACTOR

***** END OF DOCUMENT *****