



# बैंक ऑफ महाराष्ट्र Bank of Maharashtra

ONE FAMILY ONE BANK

अंचल कार्यालय, 4-3-379, द्वितीय मंजिल, बैंक स्ट्रीट, कोठी हैदराबाद 500 001

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Toll Free No. 1800-345-4025

## Tender document for CCTVs

Bids are invited to for supply, installation, Testing, Commissioning, training and Maintenance of 15 no. of 8/16 channel DVR Closed Circuit Television Systems (CCTV) for our identified Branches in Andhra Pradesh and Telangana States as per the list enclosed. Eligibility criteria, technical specifications, terms and conditions are discussed in the document. Interested companies/firms who are eligible as per the eligibility criteria can apply.

The last date for submission of applications is 13/03/2015 before 3.30 PM. All applications received up to 3.30 PM on 13/03/2015 will be opened at 04.00 on the same day. The applicants can send their queries/points/doubts by mail to [ritc\\_hyd@mahabank.co.in](mailto:ritc_hyd@mahabank.co.in), if any on or before 03.00 PM on 04/03/2015 and will be replied by Bank on 10/03/2015.

Cost of the Tender document is Rs.2000/-only.

Zonal Manager,  
Hyderabad Zone.

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## 1. Requirement

1. Bids are invited under in two bid system from the eligible CCTV vendors /manufactures / distributes for supply, installation, Testing, Commissioning, training and Maintenance of 15 no. of 8/16 channel DVR Closed Circuit Television Systems (CCTV) for our identified Branches in Andhra Pradesh and Telangana States.
2. Interested parties may purchase the tender document from Bank of Maharashtra, Zonal Office, Hyderabad Zone, 4-3-379, 2nd Floor, Bank Street, Sultanbazar, Hyderabad-500001 by depositing cash or DD for Rs.2000/- only (Rupees two thousand only). The DD should be favoring “Bank of Maharashtra, Zonal Office Hyderabad” and drawn on any private or public sector bank other than Bank of Maharashtra.
3. The last date for purchase of tender document is 13/03/2015 upto 12 noon.
4. The submission of tender documents should be in 2 separate sealed covers super scribed as “TECHNICAL BID” and “COMMERCIAL BID”.
  - a) Cover-I :- Duly sealed cover super scribed as “Technical Bid – For supply, installation, Testing, Commissioning, training and Maintenance 8/16 channel DVR Closed Circuit Television Systems (CCTV)” shall contain only technical bid along with Basic Information, details of the company, covering letter for technical bid with all copies of certificates, work experience etc **strictly as per the order mentioned in page no. 29 and 30.**
  - b) Cover-II: - Duly sealed cover super scribed as “Commercial Bid – For supply, installation, Testing, Commissioning, training and Maintenance of 8/16 channel DVR Closed Circuit Television Systems (CCTV)” shall contain only Commercial Bid in the Bank’s prescribed format.
  - c) DD for Rs.12000/- favoring “Bank of Maharashtra, Zonal Office Hyderabad” as Earnest Money drawn on any private or public sector bank other than Bank of Maharashtra.
  - d) Both the sealed covers and DD (Earnest Money) shall then be put in one single envelope and sealed duly super scribing “Application/Offer for supply, installation, Testing, Commissioning, training and Maintenance 8/16 channel DVR Closed Circuit Television Systems (CCTV)”. This envelope should containing technical, commercial bids and DD of Rs.12000/- favoring “Bank of Maharashtra, Zonal Office Hyderabad” as Earnest money.
5. Commercial Bid shall contain nothing but rate of equipment per item without any conditions. It should be submitted in the enclosed format only.

6. The completed sealed (Technical Bid & Commercial Bid) cover, super scribed as “For supply, installation, Testing, Commissioning, training and Maintenance 8/16 channel DVR CCTV Systems to Bank of Maharashtra in Andhra Pradesh and Telangana states” addressed to “The Zonal Manager, Hyderabad Zone, Bank of Maharashtra, 4-3-379, 2nd Floor, Bank Street, Sultan Bazar, Hyderabad-500001 should be submitted.
7. “Technical Bid” will be opened First for short listing of parties/ firms for opening of Commercial Bid.
8. Commercial Bids of only those parties will be opened who have qualified for short listing on opening of technical bid.
9. The work has to be carried out as per site conditions.
10. Any item of the work in part or full may be deleted from the tender during execution as per bank’s requirements and the decision of the Bank will be final.
11. Bank of Maharashtra reserves the right to accept or reject any tender irrespective of the lowest bidder without assigning any reasons thereof.
12. The Bids are required for our branches located in the state of Andhra Pradesh and Telangana States.
13. The rate quoted should be inclusive of all incidental expenses at a uniform rate per branch / Office.
14. All bidders are requested to study the details carefully before submitting their tenders.
15. Completed quotes in sealed envelopes should reach “The Zonal Manager, Hyderabad Zone, Bank of Maharashtra, 4-3-379, 2nd Floor, Bank Street, Sultan Bazar, Hyderabad-500001 on or before 3.30 PM on 13/03/2015.
16. Rate quoted should be valid for a period of one year from date of order to cover all branches/Offices in the state of Andhra Pradesh and Telangana which have been opened & to be opened.
17. Tenders will be opened at 4 pm on 13/03/2015 at Zonal Office, Bank of Maharashtra, 4-3-379, 2nd Floor, Bank Street, Sultan Bazar, Hyderabad-500001.
18. Canvassing in any form in connection with pre-qualifications is strictly prohibited and the application of such persons / organizations who resort to canvassing will be liable for rejection.
19. The bid which is received after due date & time is liable for rejection. Applications incomplete in any respect & which are not legible are liable for rejection.
20. Bidder may submit the tenders only in the desired format, in two envelopes as explained in the document. Submission of tenders in any other format will not be entertained & will be summarily rejected.

21. If the space in the Performa is insufficient for furnishing full details, such information may be supplemented on separate sheets of paper, stating therein the part of the Performa and serial number. Separate sheets shall be used for each part. However the format shall be as per Performa.
22. Each page of the bid should be signed. The application shall be signed by persons / persons on behalf of the organization having necessary authorization / Power of Attorney to do so.
23. Bank reserves the right to cancel one or all tenders without assigning any reason whatsoever.

## 2. Scope of the work

1. The work consists of supply, Installation, testing, commissioning, training and maintenance of the Closed Circuit Television (CCTV) system in accordance with the technical specifications, terms and conditions mentioned in tender documents.
2. The vendor has to supply and install the following equipment to 15 Branches:-

Equipment	No of units
8/16 Channel DVR Standalone systems with 4/8/16 TB HDD	1
IR Camera with veri-focal Lens (Outdoor)	1
Indoor IR Dome Camera with fixed lens	3
CCTV Fixed C Mount Camera	1
19" LED Monitor	1
6-U Rack – Wall Mount	1
any other equipment required	As per the requirement
Necessary Cabling work	As per the requirement

3. The specification of the equipment supplied should be equivalent or higher than the specifications mentioned in the tender document and the vendor should specify the brand/model/make in their technical offer.
4. The cameras installed should cover maximum area and all corners of the Bank.
5. It is the responsibility of the bidder to handover the premises without any damages to the Bank after installation. The roof ceiling, walls, paints, glass doors etc should be maintained properly during the installation.
6. If any damages happen, then it is the responsibility of the bidder to handover the bank in the earlier good condition.
7. During the installation or execution of work, the bidder should not distrust electrical and LAN cabling etc.
8. After successful installation and testing, vendor has to impart the training to all staff of the Branch /office to operate the equipment /DVR.
9. The equipment supplied should be under on-site warranty for a period of 3 years. After completion of the warranty, the vendor has to provide 3 years comprehensive AMC at the agreed rates.
10. The prices quoted in the Commercial Bid should be inclusive of all materials, labour, tools and equipment and necessary management for completion of the work.

11. All work during its progress and upon completion, shall confirm to the lines and levels as shown on the drawings furnished by the Bank.
12. The vendor shall be responsible for the functioning of the CCTV system according to the laid down specification, terms and conditions mentioned in the tender document.
13. The vendor shall execute the work in consultation of the Branch and its instructions,
14. The vendor shall quote the prices for providing complete solution. After placing the order, Bank will not pay any extra amount which is not mentioned in the commercial bid.
15. All products/ items having certifications as specified in the technical specifications
16. Intending tender can visit the site and make them selves thoroughly acquainted with the local site condition, nature and requirements of the works, facilities of transport condition, effective labour and materials, access and storage for materials and removal of rubbish.
17. The vendor has to take care of cost of carriage, freight and other charges as also for any difficulties, including police restriction for transport etc. for proper execution of work as indicated in the drawings.
18. The successful vendor will not be entitled to any claim of compensation for difficulties faced or losses incurred on account of any site condition during the execution of work
19. The bank reserves the right to reject the lowest or any tender and also to discharge any or all of the tenders for each section or to split up and distribute any item of work to any specialist firm or firms, without assigning any reason.
20. The vendor should note that the tender is strictly on the item rate basis and their attention is drawn to the fact that the rates for each and every item should be correct, workable and self-supporting.
21. The works will be paid for as “measured work” on the basis of actual work done on item rate basis and not as “lump sum” contract.
22. The bank reserve the right to add /to omit any work as shown in drawings or described in specifications or included in schedule of quantities and intimate the same in writing but no addition, omission or variation shall be made by the contractor without authorization from the Bank. No variation shall vitiate the contract.
- 23.** The vendor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.
24. The applicant shall note that his tender shall remain open for consideration for a period of **60 (sixty)** days from the date of opening of the tender.
25. The company should provide standby CCTV/DVR in case the CCTV/DVR is not repairable at the locations and before taking away from the Branch for more than 48 hours.
26. Please note that Bank will apply penalty as below in case of discrepancy in services
  - a) If the CCTV system is down more than three working days, then Bank will revoke the bank guarantee
  - b) If Bank observe any unsatisfactory services after sales, discipline/ conduct, delay in repair / maintenance, Bank will black list the company / firm.
27. The installation of the CCTV Systems and AMC of the system will be audited by third party technical consultant and in case the parameters as specified are not followed strictly, then amount paid by the Bank towards installation of the system in question plus Rs.25000/- as penalty will be reimbursed by the company and company will be black listed by the Bank. In such cases, the expense incurred by the company should be borne by the vendor itself.

28. The vendor should supply the CCTV system which can serve for a period of 6 years (i.e. the life time of the CCTV should be 6 years).
29. After warranty period, Bank will take the AMC from the same vendor. During the warranty period or AMC period, if CCTV system has become beyond economical repair before the actual life period i.e. 6 years, then vendor has replace the CCVT system.
30. The company should give Bank Guarantee for an value of 1% on contract value and 10% on AMC charges up to 1 lakh and 5% for every subsequent AMC slab of 2 lakhs.

### **3. General Conditions:**

1. The Successful Bidder will be engaged for supplying, installation, Testing, Commissioning, training and Maintenance 8/16 channel DVR CCTV Systems to Bank of Maharashtra for its branches in Andhra Pradesh and Telangana states.
2. The Successful Bidder will have to inform the names of their authorized technicians to be deployed at the site during the work, and their working hours & availability at site.
3. There will be no escalation of rate after submission of the tender.
4. No payment will be made towards expenses related to transportation, accommodation, food, site office, labour camps, storage etc during the execution of work.
5. **The vendor is able to complete the** supply, installation, testing, Commissioning 8/16 channel DVR CCTV Systems within 15 days from the date of purchase order.
6. **Payment Terms: Payment will be made against invoice by our Branches/Zonal Office after completion of job & submission of installation report to Zonal Office.**
7. **Bank reserves the right for the following:**
  - a) Reject any or all proposals received in response to the tender without giving any reason whatsoever
  - b) Reject the proposals received in response to the tender containing any deviation from the payment terms stipulated
  - c) To independently ascertain information from the Banks and other institutions to which the company / firm has already executed the similar services for similar assignment.
  - d) Apply whatever evaluation criteria deemed appropriate for evaluation of Technical Bids.
  - e) To terminate the services if the assignment is not proceeding in accordance with the terms of contract or undue delay is taking place in execution of the assignment.
8. **Decision of the Bank in regard to selection of the vendor will be final and binding on the applicants.**

## **9. Signing of Contract / agreement**

The successful bidder shall sign an agreement within 14 days from date of “acceptance of the tender” With the Bank in the prescribed form on a judicial stamp paper. All legal expenses, incidental thereto shall be borne by the bidder. If the bidder fails to sign the agreement within the stipulated time Bank reserves the right to cancel the “Letter of acceptance” and forfeit the Earnest money deposit submitted by the bidder.

## **10. Permit and Licenses**

Permissions from the competent authorities for transportation of the materials/equipment to execute the purchase/work orders are the responsibility of the vendor. It may be clearly understood that no compensation or additional charges can be paid by the bank.

The software / computer programmes used to execute the purchase/work orders should be licensed from the respective vendor/manufacture/supplier.

The Bank shall be indemnified against all Government or legal actions for any mistake / illegal use of the materials/equipment/software used to execute the purchase/work orders.

## **11. Government and Local Rules**

The vendor shall confirm to the provisions of all local Bye-laws and Acts relating to the work and to the Regulations etc of the Government and Local Authorities. The vendor shall give all notices required by said Act, Rules, Regulations and Bye-laws etc., and pay all fees payable to such authority/authorities for execution of the work involved. The cost, if any, shall be deemed to have been included in his quoted rates, taking into account all liabilities for licenses, fees and shall indemnify the Bank against such liabilities and shall defend all actions arising from such claims or liabilities.

## **12. Taxes and Duties**

The vendor must include in their tender prices quoted all duties, royalties, cess, VAT and sales tax or any other taxes or local charges if applicable. No extra claim on this account will in any case be entertained. Bank will not be providing C – forms or any such documents.

## **13. Quantity of work to be executed**

The quantities shown in the schedule of quantities are only approximate and are intended to cover the entire premises of Branches. The Bank reserves the right to execute only a part or the whole or any excess thereof without assigning any reason therefore.

## **14. Earnest Money and Retention money**

The bidder will have to deposit an amount Rs.12,000/- in the Tender Notice in the form of Bank Draft drawn in favour of “Bank of Maharashtra, Hyderabad Zone” at the time of submission of tender as Earnest Money. No interest will be paid on the Earnest money. The Earnest money of the unsuccessful bidders will be refunded without any interest soon after the decision to award the work is taken or after the expiry of the validity period of the tender.



The retention amount of 1% of the work value will be kept for 12 months from the date of completion of the work and the retention amount will be refunded to the bidder, after deducting any sum due from the bidder on any account under this contract, 14 (fourteen) days after the end of defects liability period provided the bidder has satisfactorily carried out all the work and attended to all defects in accordance with the conditions of the contract. No interest is allowed on retention money.

#### **15. Bidder to provide all necessary things**

The Bidder shall provide everything necessary for the proper execution of the purchase/work orders according to the scope of work and technical specifications. If the bidder finds any problems/issues to execute the purchase/work order due to Bank/Bank employees/ Bank premises, it shall immediately brought to the notice of the bank. The bidder shall take full responsibility for adequacy, suitability and safety to execute the purchase/work orders during the supply, installation and implementation.

The rates quoted against individual items will be inclusive of everything necessary to complete the said items of work within the contemplation of the contract including maintaining the CCTV system during contract period, and beyond the unit price no extra payment will be allowed for incidental or contingent work, labour and/or materials inclusive of all taxes and duties whatsoever except for specific items, if any, stipulated in the tender documents.

The bidder shall supply, fix and maintain at his own cost, for the execution of any work, all tools, tackle, machineries and equipments and all the necessary centering, scaffolding, staging, watching/security required not only for the proper execution and protection of the said work but also for the protection of the public and safety of the banks property any adjacent property and the bidder shall take down and remove any or all such centering, scaffolding etc., as occasion shall be required or when ordered so to do, and shall fully reinstate and make good all matters and things disturbed during the execution of works to the satisfaction of the Bank/ Architects/ consultants.

The Bank shall on no account be responsible for the expenses incurred by the bidder/vendor during the progress of work at site, towards any incidental expenditure like medical amenities to the workers at site, security arrangement etc.

The Bank shall not be responsible for the safety of the workers at site either on account of the works executed by the bidder/vendor or on account of the works executed by any other agency involved at that time.

The Bank on no account shall be responsible for storage of materials or loss or pilferage or theft either in respect of the material stored or material already built and paid for by the Bank.

Any facilities available at site shall be utilized only with prior permission of the Bank or the incharge of the site/ building owner and cannot be taken as granted and for such services utilizes the Bank is entitled to charge at its discretion.

No extra charges shall be paid over and above what has been quoted for any of the above or for similar such services.

## 16. Liquidated Damages

If the Bidder fails to complete the works within the time for completion stated in the tender document or elsewhere or within any extended time under allowed by the bank, the Bidder shall pay the Bank a sum at the rate of 1% (one per cent) of the Contract Value per week of delay subject to a limit of 10% (ten percent) of the Contract Value as "Liquidated damages" for the period during which the said works shall so remain incomplete and the Bank may deduct aforesaid sum towards such damages from any monies due to the Bidder.

## 17. Safety Measures

**Protective Measures:** The bidder from the time of commencing the works must make suitable arrangements for watching and protecting the work and no extra will be paid by Bank for such services.

Bidder shall indemnify the Bank against any possible damage to the building or members of the public in course of execution of the work.

Bank will not provide any protection or safety for the material keep in its premises for installation. The bidder shall take all precautions for protection of their materials during the supply and installation. The bidder/vendors shall make necessary arrangements for storage and safety of materials at site. The safety of materials at site or the stores shall be the responsibility of the bidder/vendor.

**Safety measures:** The bidder shall follow all safety measures for protecting the persons employed in the works and also protecting the works executed and the banks property.

Necessary precautions in addition to the safety code annexed to these conditions shall be followed. All measuring tapes shall be of steel and suitable scaffolding and ladders that may be required for safety taking measurement and shall be supplied by the bidder.

## 18. Patents of appropriate authority and owners

The bidder shall conform to the provisions of any Acts of the Legislature relating to the work, and to the Regulations and Bye-laws of any authorities with whose systems are proposed to use to execute the purchase/work orders. The bidder shall indemnify the Bank against all claims in respect of patent rights, royalties and damages during the execution of work and shall defend all actions arising from such claims and shall keep the Bank saved harmless and indemnified in all respects from such actions, costs and expenses.

## 19. Safety Code

All suitable arrangements are to be done by the bidder and suitable scaffolds shall be provided for workmen for all works that cannot safely be done from the ground, or from solid construction, which can be done safely from ladders.

All personnel of the bidder working in the site shall be provided with safety equipments like helmets etc. Adequate precautions shall be taken to prevent danger from electrical equipment and installations. No materials on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person or the public. Necessary safety belts while working above the ground level shall be used.

The bidder shall take all measures on site of the work to protect the public/staff of the bank from accidents and shall be bound to bear the expenses of every suit, action or other proceedings at law that may be brought by any persons for injury sustained owing to neglect of the precautions and to pay any such persons or which may with the consent of bidder, be paid to compromise any claim by any such person.

**20. Personal Safety Equipments**

All necessary personal safety equipment as considered adequate by the Engineer should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, and the bidder should take adequate steps to ensure proper use of equipment by those concerned. Workers employed on handling items / materials of toxic nature shall be provided with protective footwear and protective goggles. Those engaged in chipping grooves wall and making bore holes shall be provided with protective goggles.

The bidder shall not employ any labour below the age of 18 years.

**21. Indemnity Bond:**

Bidder shall sign an Indemnity Bond in an approved format before starting the work, indemnifying the Bank from any damages, prosecution, other legal suits and claims arising out of any mishaps occurring at the site due to faulty from work, usage of unlicensed /unpermitted equipment and for violating any rules and regulations for which the bidder shall be solely responsible.

**22. Support of the manufactures (OEMs) :**

The bidder shall furnish back to back agreement with each of the equipment manufacturers against the items used in the works, with a commitment to direct support for the maintenance, supply of the spares and up-gradations by the OEM for period of at least 5 years.

#### 4. Eligibility Criteria for the applicant:

1.	Minimum 3 years experience in commissioning of CCTV System at Nationalized Banks/Govt. Sectors by agencies having authorized dealership/OEM's of CCTV system. More weight-age will be given to agencies having maximum nationalized banks. The agency should enclose manufacturer's authorization letter/dealership certificate from the Original Equipment Manufacturer (OEM's for the DVR & CCTV cameras). More weight age will be given to OEMs.
2.	The company should have Minimum Turnover Rs.30 lakhs per year in the last 3 years. Balance sheet for the last three Financial years should be enclosed.
3.	The company should be ready to give Bank Guarantee for a value of 1% on contract value and 10% on AMC charges up to 1 lakh and additional 5% for every subsequent AMC slab of 2 lakhs.
4.	Proof of registration with sales tax, service tax, ESI and EPF are essential and copies of the proof should be submitted. If any company is having the staff below 20, then exemption will be given for ESI and EPF registration.
5.	Vendors registration with SSI and having ISO 9001 certification may be given preference.
6.	The company should have at lease 3 service network centres in Andhra Pradesh state and 3 service network centres in Telangala state for providing the support/service after sales. The vendor should cover covering the following locations <b>Andhra Pradesh:</b> 1) Vijayawada/Guntur, 2) Visakhapatnam, 3) Tirupati <b>Telangana:</b> 1) Hyderabad/RR Dist., 2) Head Quarters of Warangal/Karimnagar, 3) Head Quarters of Adilabad/Nizamabad. The company should have local office within a radius of 20 kms from our Zonal Office. Proof of the same should be submitted.
7.	The company should have sound technical support staff for attending to the Branch complaints within 24 hours
8.	In case the company is having authorized dealership, then proof from manufacturers of the CTV equipment should be submitted
9.	The company should have two AMC agreements currently running successfully with any two nationalized banks\Govt. Sector or more. Proof of such AMC should be produced.
10.	The technician of the agency should have police verification and clearance certificate. Proof of the same should be provided.
11.	The company should not be block listed by any PSU banks/Govt. organizations. Self declaration should be submitted by the authorized official of the company.
12.	The company should have satisfactorily completed works at stated below during the last 3 years. Three similar works each costing not less than Rs.10 lakhs OR Two similar works costing not less than Rs.15 lakhs OR One similar works costing not less than Rs.20 lakhs

## 5. Technical Specifications

IR Camera with veri-focal Lens (Out door)

Srno	Technical Parameter	Specification
1.	Picture format	PAL / NTSC
2.	Imaging device	1/3" colour CCD
3.	Horizontal resolution	700 TV lines colour or better
4.	Electronic shutter	PAL:1/50~1/100000s
5.	Effective elements	752 x 582 appx. (440,000 pixels)
6.	Minimum illumination	Colour :0.1 lux(F1.2, 50 IRE, AGC on) Black and white: 0 lux IR on
7.	Signal to noise ratio	46 db or better
8.	Lens	4 to 12 mm Auto Iris
9.	Iris control	Auto
10.	B L C (Back light Compensation)	Yes (on/ off)
11.	Day and Night (ICR)	Auto/Colour/B&W/ External Control
12.	IR	Inbuilt IR (LED or Array LED) of range min 50 meters
13.	Video O/P	1.0 Vp-p/75 ohm
14.	Special functions	OSD, Privacy Masking. Motion Detection
15.	Housing	Indoor IP 66 weather proof housing
16.	Operating Temperature	-10 C to 50 C
17.	Certification	CE, FCC, UL, RoHS
18.	Mention Make / Model / Model launched date	

Indoor IR Dome Camera with fixed lens

Srno	Technical Parameter	Specification
1.	Picture format	PAL / NTSC
2.	Imaging device	1/3" Sony CCD or equivalent
3.	Horizontal resolution	700 TV lines in colour or better
4.	Effective Shutter	PAL:1/50~1/100000s
5.	Effective elements	752 x 582 appx. (440,000 pixels)
6.	Minimum illumination	Colour :0.1 lux(F1.2, 50IRE, AGC on) Black and white: 0 lux IR on
7.	Signal to noise ratio	48 db or better
8.	Lens	3.6 mm
9.	Iris control	Auto
10.	B L C (Back light Compensation)	Yes (on/ off)
11.	High Light Compensation	Yes

Srno	Technical Parameter	Specification
12.	Day and Night (ICR)	Auto/Colour/B&W/ External Control
13.	IR	Inbuilt IR (LED or Array LED) of range min 20 meters
14.	Video O/P	1.0 Vp-p/75 ohm
15.	Special functions	OSD, Privacy Masking, Motion Detection
16.	Housing	Indoor Housing
17.	Operating Temperature	-10 C to 50 C
18.	Certification	CE, FCC, UL, RoHS
19.	Mention Make / Model / Model launched date	

#### CCTV Fixed C Mount Camera

Srno	Technical Parameter	Specification
1.	Image Sensor	1/3" Sony Super HAD CCD II
2.	Signal System	PAL / NTSC
3.	Effective Pixels	PAL: 752 (H) x 582 (V) NTSC: 768 (H) x 494 (V)
4.	Minimum illumination	Colour :0.1 lux(F1.2, AGC on) Black and white: 0.01 lux
5.	Shutter time	1/50 (1/60)s to 1/100000s
6.	Lens Mount	C/Cs Mount
7.	Auto Iris	DC/Video Drive
8.	Day & Night	Electronic Colour / BW switch
9.	Horizontal resolution	Colour 700 TV lines and above
10.	Synchronization	Internal synchronization ("-A": Internal/Power synchronization)
11.	Video Output	1Vp~p Composite Output (75 O/BNC)
12.	S/ N Ratio	More than 52 dB
	<b>General</b>	
13.	Operating Temperature	-10 C to 60 C; Humidity 90% or less (no condensing)
14.	Power supply	DC12V± 10% ("-A" series support) AS24V± 10% DC12V± 10%
15.	Power Consumption	2W Max (-A:3W Max)
16.	Dimensions (mm)	69X56X113.3
17.	Weight	400 g
18.	Mention Make / Model / Model launched date	

## 8 Channel DVR Standalone systems

<b>Srno</b>	<b>Technical Parameter</b>	<b>Specification</b>
1.	Number of video channels	8 Channel
2.	Operating System	Embedded Linux
3.	User Interface	GUI, Mouse supported
4.	Video compression	Embedded with H.264 video compression
5.	Video frame speed/ frame rate	240 fps-NTSC, 200 fps-PAN
6.	Video input	8 channels (30 fps per channel – NTSC, 25 fps per channel –PAL)
7.	Recording Resolution	D1 on all channels (25 FPS PAL/30 FPS NTSC per channels)
8.	Video Output	1 composite, 1 VGA, 1 HDMI, 1 Spot,
9.	Video display (Division)	1,4,6,8
10.	Audio	Support
11.	Recording mode	Continuous, Manual, scheduled, motion detection, alarm
12.	Data storage capacity	Minimum 2 slots of 8 HDD
13.	Interface	8 SATA interfaces for 8 HDD's + 1 DVDs –R/W (default)/ 8 HDDs
14.	Capacity	Upto 4 TB capacity for each disk
15.	e-SATA interface	1 e-SATA interface
16.	Recording duration	180 days minimum
17.	Backup for video	HDD, DVD±RW, USB flash memory stick, USB pen drive
18.	Remote review	TCP/IP enabled or client software
19.	PTZ camera support	Yes
20.	DVR operation	Live, record, play back, backup, program & Remote viewing at the same time
21.	Motion Detection	Detecting zones, multi-level of sensitivity
22.	System functions	Date and time stamping (watermark)
23.	System reliability	Shut down detection, auto recovery after power is re-connected
24.	Alarm	Support
25.	Communication port	RS232, RS485, Network Port RJ-45 (ethernet)
26.	Other functions	Panic recording, firmware upgrade, advances search
27.	ATM/POS	Support
28.	Connectors	MIN 2 USB Ports-Version 2.0 or higher backward compatible with version 1
29.	Language support	English compulsory
30.	Working condition 24X7	Support
31.	Product warranty	Three years
32.	Certification	UL/CF/FCC
33.	Mention Make / Model / Model launched date	

### 16 Channel DVR Standalone systems

<b>Srno</b>	<b>Technical Parameter</b>	<b>Specification</b>
1.	Number of video channels	16 Channel
2.	Operating System	Embedded Linux
3.	User Interface	GUI, Mouse supported
4.	Video compression	Embedded with H.264 video compression
5.	Video frame speed/ frame rate	480 fps-NTSC, 400 fps-PAL
6.	Video input	16 channels (30 fps per channel – NTSC, 25 fps per channel –PAL)
7.	Recording Resolution	D1 on all channels (25 FPS PAL/30 FPS NTSC per channels)
8.	Video Output	1 composite, 1 VGA, 1 HDMI, 1 Spot,
9.	Video display (Division)	1,4,6,8,9,10,13,16
10.	Audio	Support
11.	Recording mode	Continuous, Manual, scheduled, motion detection, alarm
12.	Interface	8 SATA interfaces for 8 HDD's + 1 DVD –R/W (default)/ 8 HDDs
13.	Capacity	UPto 4 TB capacity for each disk
14.	e-SATA interface	1 e-SATA interface
15.	Data storage capacity	Minimum of 8 Sata slots for HDD
16.	Recording duration	180 days minimum
17.	Backup for video	HDD, DVD±RW, USB flash memory stick, USB pen drive or Network backup
18.	Remote viewing	TCP/IP enabled or client software
19.	PTZ	Yes
20.	DVR operation	Live, record, play back, backup, program & Remote viewing at the same time
21.	Motion Detection	Detecting zones, multi-level of sensitivity
22.	System functions	Date and time stamping (watermark)
23.	System reliability	Shut down detection, auto recovery after power is re-connected
24.	Alarm	Support
25.	Communication port	RS232, RS485, network Port RJ-45 (Ethernet)
26.	Other functions	Daylight saving time, Panic recording, firmware upgrade, advances search
27.	ATM/POS	Support
28.	Connectors	MIN 2 USB Ports-Version 2.0 or higher backward compatible with version 1
29.	Language support	English compulsory
30.	Working condition 24X7	Support
31.	Product warranty	3 years



Srno	Technical Parameter	Specification
32.	Certification	UL/CF/FCC
33.	Mention Make / Model / Model launched date	

Item no	Item Name	Specifications
<b>A</b>	Hard Disk Drive	Surveillance Hard Drive 2 TB
	Seagate/Western Digital (Surveillance HDD)	32-64 MB Cache, 3 MB-6 MB per second data transfer rate
<b>B</b>	Monitor (Samsung/LG)	LCD with TCO 03 or equivalent certification
	Screen size	19" & 42" diagonal TFT LED
	Make	Samsung /LG or equivalent
	Video	PAL/NTSC colour composite
	Resolution	1280*1024/136*720 pixels @60~85 Hz refresh rate, true colour 32 Bit
	Power Input	90~260 VAC or 12V DC
	Viewing Angle	140° H , 130° V
<b>C</b>	Cable-Power	RG6 Poly CAB/Finolex
	Category	
	Type	Unarmed
	Capacitance	53±3 Ohms
	DC resistance inner conductor	8.5 Ohms/KM
	Di electric strength	10 KVA AC Mains
	Di-electric material	Polythene (PE), 7.1mm dia
	Insulation resistance	50M Ohms/KM
	Nominal Impedance	75 Ohms
	Minimum Bending radius	55 mm
	Acceptable Quality	Make Finolex/Poly cab
<b>D</b>	Cable-Power	Unarmed
	Category	2 Core power cable, FRLS
	Type	2 core X 0.75 s mm
	Acceptable Quality	ISI Marked (IS-694, 1990), Make –Poly CAB/ Finolex
	Insulation	PVC Insulated
<b>E</b>	PVC conduits for cabling /casing capping	
	Specifications	Depend on number of wires

Item no	Item Name	Specifications
	Acceptable Quality	ISI Marked Make- Precision or equivalent
	Grade	Medium
<b>F</b>	6 U Rack – Wall Mount	Power strip: 6 socket power supply: 1 No equipt Mounting Tray:1 No Mounting screws & studs:1 Pack transparent front door with lock, fan tray with 2 fans provision for cable routing at the bottom of rack
	Consumption	≤70W (without hard disk or DVR-R/W)
	Working temperature	-10°C~+55° (14°~131°F)
<b>General</b>	Working humidity	10%~90%
	Chassis	19" standard 2U chassis
	Dimension	450 (D) X 450(W) X 95 mm(H) (17.72" (D)x17.72"(W)X 3/74" (H)
	Weight (without HDD)	≤800g (17.641bs)

## 6. Covering letter to Technical bid

Date:

The Zonal Manager,  
Hyderabad Zone,  
Bank of Maharashtra,  
4-3-379, 2nd Floor, Bank Street,  
Sultan Bazar, Hyderabad-500001.

Dear Sir,

**Subject: Tender for supply, installation, Testing, Commissioning, training and Maintenance of 8/16 channel DVR Closed Circuit Television Systems (CCTV) for the Branches of Bank of Maharashtra in Andhra Pradesh and Telangana States.**

We have read and examined all eligibility criteria, scope of work, technical specifications of CCTV equipment, all terms and conditions of tender document. We understand the eligibility criteria and instructions to the bidders.

Our company is eligible as per the eligibility criteria fixed by the Bank to participate in this tendering process and all proof /evidence for the eligibility criteria is enclosed. Our CCTV equipment will meet the specifications mentioned in the tender document.

We submit our bids for Bank's consideration duly filled-in and complete in all respects according to the Performa. We offer our proposal for supply, installation, Testing, Commissioning, training and Maintenance of 8/16 channel DVR Closed Circuit Television Systems (CCTV) for the Branches of the Bank.

If our bid/proposal is accepted, we will supply and install 8/16 channel DVR Closed Circuit Television Systems (CCTV) as per the specifications mentioned in the tender document. We also maintain the equipment supplied by us for a period of 6 years. We follow all the terms and conditions, time frames and payment terms of the Bank as mentioned in the tender document. We undertake to observe all laws, statutory compliance, labour laws etc during the execution of the contract.

We further understand that pre-qualification and selection of the bidder will be in accordance with Bank's terms and conditions subject to the authority of the Bank to alter or amend the same keeping in view of the exigencies of the work.

We once again confirm that our company is eligible as per the eligible criteria and all our equipment meets offered in this proposal meets the specifications mentioned in the tender document. We confirm that the information submitted by us in our Bid/Proposal is true and correct. We agree to abide by the Bid/ Proposal and the fees quoted therein.

We hereby acknowledge and unconditionally accept that Bank may on its absolute discretion apply whatever criteria deemed appropriate in short listing and selection of the vendor.

We understand that you are not bound to accept the lowest, or any other Proposal, you may receive.

Yours faithfully,

(Signature of Authorized Official)

Name:

Designation:

Seal of the company

## 7. Format for submission of Eligibility with Technical bid.

Srno	Eligibility condition	Compliance
1.	Minimum 3 years experience in commissioning of CCTV System at Nationalized Banks/Govt. Sectors by agencies having authorized dealership/OEM's of CCTV system. More weight-age will be given to agencies having maximum nationalized banks. The agency should enclose manufacturer's authorization letter/dealership certificate from the Original Equipment Manufacturer (OEM's for the DVR & CCTV cameras). More weight age will be given to OEMs.	
2.	The company should have Minimum Turnover Rs.30 lakhs per year in the last 3 years. Balance sheet for the last three Financial years should be enclosed.	
3.	The company should be ready to give Bank Guarantee for a value of 1% on contract value and 10% on AMC charges up to 1 lakh and additional 5% for every subsequent AMC slab of 2 lakhs.	
4.	Proof of registration with sales tax, service tax, ESI and EPF are essential and copies of the proof should be submitted.	
5.	Vendors registration with SSI and having ISO 9001 certification may be given preference.	
6.	The company should have service network after sales within district Head Quarters. The company should have local office within a radius of 20 kms from our Zonal Office. Proof of the same should be submitted.	
7.	The company should have sound technical support staff for attending to the Branch complaints within 24 hours	
8.	In case the company is having authorized dealership, then proof from manufacturers of the CTV equipment should be submitted	
9.	The company should have two AMC agreements currently running successfully with any two nationalized banks\Govt. Sector or more. Proof of such AMC should be produced.	
10.	The technician of the agency should have police verification and clearance certificate. Proof of the same should be provided.	
11.	The company should not be block listed by any PSU banks/Govt. organizations. Self declaration should be submitted by the authorized official of the company.	
12.	The company should have satisfactorily completed works at stated below during the last 3 years. Three similar works each costing not less than Rs.10 lakhs OR Two similar works costing not less than Rs.15 lakhs OR One similar works costing not less than Rs.20 lakhs	



## 9. Format of Agreement

This agreement is made on the \_\_\_\_\_ day of the month of \_\_\_\_\_ in the year 2014 BETWEEN, Bank of Maharashtra a body corporate constituted under the Banking Companies (Acquisition and Transfer of undertakings Act, 1970, having its Head office, 1501, Shivaji Nagar, Pune-411005 represented by its duly constituted attorney (hereinafter referred to as the Bank) on the ONE PART; and

\* Shri

\_\_\_\_\_ S/D/o \_\_\_\_\_

resident of \_\_\_\_\_ the sole proprietor/Director/CEO of

M/s \_\_\_\_\_ having office at the following address

\_\_\_\_\_

\* M/s. \_\_\_\_\_ the company/partnership firm having an administrative/ principal office at \_\_\_\_\_ represented by its Managing/Duly Authorised partner.

\* M/s. \_\_\_\_\_ company/body corporate incorporated under the provisions of the Companies Act 1956 having its registered office at the following address

\_\_\_\_\_, duly represented at \_\_\_\_\_ duly represented by its constituted and authorised Managing Director, Shri \_\_\_\_\_ and

(hereinafter called the Bidder which term shall also be called the Supplier or the Contractor/vendor) on the other part

WHEREAS THE Bank of Maharashtra, Zonal Office, Hyderabad is desirous that CCTV equipment for its branch should be supplied, installed, tested & commissioned as detailed in the notice inviting tender and their office mentioned and called for invitation to bidder for the supply, installation and performance of such works has been accepted by the Bank on the terms and conditions as set out therein and interalia others.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this agreement words and expression shall have the same meanings as are respectively assigned to them in the conditions of contract hereinafter referred to.
2. The following documents consistent with these presents shall be deemed to form and be read and construed as part of this agreement viz;
  - a) Notice inviting Tender

- b) General rules and Instructions for the guidance of bidders.
- c) The Tender, Letter of Acceptance, Letters from & to the bidder, if any, leading to and prior to acceptance letter.
- d) General Conditions of contract and clauses of contract along with Annexure thereto.
- e) All terms and conditions of tender document, Technical Specifications, Special Conditions, Questionnaire,
- f) Comprehensive AMC terms, tender drawings if any, etc.
- g) Schedule of quantities including Prices and tendered amount known as Price - Bid.
- h) The details submitted in technical bid, design, and such other commitments like Annual Maintenance Charges for the period mentioned shall be part of the agreement.

**[Note : \* Strike off whichever is not applicable ]**

3. In consideration of the payments to be made by the Bank to the bidder, the bidder hereby covenants and agrees with the Bank to complete the works in conformity in all respects and subject to all terms and conditions/rules as mentioned in the General Conditions as also in the aforesaid documents which shall form part of this agreement.

In witness whereof the parties hereto have hereunto set their respective hands and seals the day and year first above written.

Signed, sealed and delivered by the said bidder,

\_\_\_\_\_

\_\_\_\_\_ to the Bank \_\_\_\_\_ in the presence of:

Signature of Bidder (with seal)

Signature of Authorised representative  
of the Bank / Accepting Authority.

Witness (Signature, Name & Address):

1).

2).



## 10. Commercial Bid

Date:

**The Zonal Manager,  
Hyderabad Zone,  
Bank of Maharashtra,  
4-3-379, 2nd Floor, Bank Street,  
Sultan Bazar, Hyderabad-500001.**

Dear Sir,

Sub: Commercial Bid.

We understand the eligibility criteria fixed for this bid and our company/firm meets all the eligibility criteria. We also understand the activities, scope of work which is to be carried out by us and specifications of the equipment to be supplied by us as per tender document during the execution of the work order. We also confirm that the specifications of our equipments offered to your Bank under this tender are equivalent or higher than the specifications mentioned in the tender document.

### **We confirm that**

1. The rates quoted for supply, installation, testing, commissioning, training and maintenance of 8/16 channel DVR Closed Circuit Television Systems (CCTV) are inclusive of all the charges, taxes i.e. Transportation, Engineer's Fee, TA/DA and any other expenses whatsoever.
2. We will not charge any additional amount except the rates quoted in the Commercial Bid to carry out the work order placed on us for supply, installation, testing, commissioning, training and maintenance of 8/16 channel DVR Closed Circuit Television Systems (CCTV).
3. The rates quoted shall be binding for twelve months from the date of awarding of the order and no increase whatsoever will be charged within one year.
4. We will raise the invoice after successful completion of supply, installation, testing, commissioning of 8/16 channel DVR Closed Circuit Television Systems (CCTV) and we will not demand advance to execute the purchase/work orders.
5. TDS can be deducted by the Bank as per rules.

We will enter into an agreement with the Bank for each purchase/work order placed on us for a period of 6 years (3 years warranty and 3 years AMC) covering all the terms and conditions mentioned in the tender document.

We understand that payment will be released by the respective Branch/Office after successful completion of supply, installation, testing, commissioning all the equipments as per the purchase/work orders and submission of a copy of installation report to the Branch under a copy to Zonal Office.

After understanding all the terms and conditions of Bid, we offer our commercial as under:

Srno	Details	Amount per unit
1.	16 Channel DVR system as per the specifications, model and make mentioned in the technical bid	
2.	8 Channel DVR Standalone system as per the specifications, model and make mentioned in the technical bid	
3.	4 TB HDD as per the specifications, model and make mentioned in the technical bid	
4.	IR Camera with veri-focal Lens (Outdoor) as per the specifications, model and make mentioned in the technical bid	
5.	Indoor IR Dome Camera with fixed lens as per the specifications, model and make mentioned in the technical bid	
6.	CCTV Fixed C Mount Camera as per the specifications, model and make mentioned in the technical bid	
7.	19" LED Monitor as per the specifications, model and make mentioned in the technical bid	
8.	6-U Rack – Wall Mount as per the specifications, model and make mentioned in the technical bid	
9.	Necessary Cabling work as per the specifications, model and make mentioned in the technical bid	
10.	Any other items required, please specify	
11.	Any other items required, please specify	
12.	Any other items required, please specify	
13.	Taxes if any @.... %	
14.	VAT @ ..... %	
15.	Warranty period : 3 years	
16.	AMC @ ....% per annum on the cost of equipment only (Exclusive of cabling charges)	

<p>The total cost for supply, installation, testing, commissioning, training with three 3 years warranty and 3 AMC @ Rs. Per annum for following items per a branch including all the charges, taxes i.e. Transportation, Engineer's Fee, TA/DA and any other expenses whatsoever</p> <p>1 no. of 8 channel DVR 1 no. of 4 TB HDD 1 no. of IR Camera with veri-focal Lens (Outdoor) 3 nos. of Indoor IR Dome Camera with fixed lens 1 nos of CCTV Fixed C Mount Camera 19" LED Monitor 6-U Rack – Wall Mount Any other required materials/equipment</p>	<p>Rs..... Plus</p> <p>Cabling Rs..... per meter at actual length Plus</p> <p>Taxes @.....% plus</p> <p>VAT @.....%</p>
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Yours faithfully,

(Signature of Authorized Official)/Name:

Designation:

Seal of the company

## 11. List of Branches

Srno	BrCd	Branch	District	State
1.	1172	Tirupathi	Chittur	Andhra Pradesh
2.	1889	Ravulapalem	East Godavari	Andhra Pradesh
3.	440	Kakinada	East Godavari	Andhra Pradesh
4.	807	Sarpavaram	East Godavari	Andhra Pradesh
5.	1126	Rajahmundry	East Godavari	Andhra Pradesh
6.	411	Guntur	Guntur	Andhra Pradesh
7.	1345	Nellore	Nellore	Andhra Pradesh
8.	524	Anakapalli	Vishakhapattanam	Andhra Pradesh
9.	486	Talamadugu	Adilabad	Telangana
10.	487	Jainad	Adilabad	Telangana
11.	494	Gudihatnur	Adilabad	Telangana
12.	495	Gimmakhurd	Adilabad	Telangana
13.	626	Ponkal	Adilabad	Telangana
14.	1747	Seri-Lingampally	Rangareddy	Telangana
15.	1572	Khammam	Khammam	Telangana

**List of branches with Addresses**

<b>Srno</b>	<b>Br Code</b>	<b>Branch</b>	<b>ADDRESS</b>
1.	411	Guntur	5-37-222,4th Lane,Brodipet,Guntur
2.	440	Kakinada	Super Bazar Complex, D.No.20-1-11/A, Main Road, Kakinada,533001
3.	486	Talamadugu	Talamadugu,504328
4.	487	Jainad	5-64,Grampanchayat Bldg,Jainad,504325
5.	494	Gudihatnoor	House No.3/88,Gudihatnoor-504308.
6.	495	Gimmakhurd	Grampanchayat Building, Gimma Khurd
7.	524	Anakapalle	4-2-2,Gogula Raju Complex,Anakapalle-531001
8.	626	Ponkal	H No 2-78,Mandalamau-Mamada,Ponkal,Teh.Nirmal,504310
9.	807	Sarpawaram	At & Post-Sarpawaram-533009,Kakinada
10.	1172	Tirupathi	D.No.18-1-602,V.V.Mahal Road, Tirupati, P.O.Tirupathi,517501
11.	1345	Nellore	Door No 2502-1474a, 1st Floor, G.N.T. Road, Vedayapalem, Nellore -524004
12.	1572	Khammam	H No.464, VDO's Colony, Khammam-507001.State: Andhra Pradesh
13.	1126	Rajahmundry	6-6-10,Vadrevuvari Street, Innispeta, Ward No.4,Rajahmundry,533104
14.	1747	Seri-Lingampally	Sai Bharathi Arcade, Opp To Rytu Bazar, Seri-Lingampally, Hyderabad, RR Dist-500019.
15.	1889	Ravulapalem	Bank Of Maharashtra, Ravulapalem Branch, Door No. 8-212, Sri Mahalaxmi Towers, Canal Road, Ravulapalem, East Godavari Dist- AP-533238.

## 12. Check list for submission of tender

**The interested bidders are requested to submit the following three in a single cover.**

**The technical bid should contain the following list by giving the page no. on each page.**

**The index covering the page wise content details is to be provided with the technical bid:**

1. Index covering the page wise details
2. Covering letter as per the format given in the tender document
3. Profile of the company / firm
4. Compliance of eligibility criteria of the company/firm as per the format given in the tender document with the following documents.
  - a. Proof for having minimum 3 years experience in commissioning of CCTV System at Nationalized Banks/Govt. Sectors by agencies having authorized dealership/OEM's of CCTV system.
  - b. Photo copy of the manufacturer's authorization letter/dealership certificate from the Original Equipment Manufacturer (OEM's for the DVR & CCTV cameras).
  - c. Audited balance sheets showing Minimum Turnover Rs.30 lakhs per year in the last 3 years.
  - d. Proof of registration with sales tax, service tax, ESI and EPF are essential and copies of the proof should be submitted.
  - e. Proof of registration with SSI and having ISO 9001 certification.
  - f. Address, contact nos of 3 service network centres in Andhra Pradesh state and 3 service network centres in Telangala
  - g. Address, contact nos of Hyderabad/Secunderabad Office.
  - h. List of technical support staff with details
  - i. Photo copies of two AMC agreements currently running successfully with any two nationalized banks\Govt. Sector or more.
  - j. Photo copy of the police verification and clearance certificate for the technicians who are going to work for this project.
  - k. Self declaration about the block listing
  - l. Proof for satisfactorily completed works at stated below during the last 3 years.
    - i. Three similar works each costing not less than Rs.10 lakhs  
OR
    - ii. Two similar works costing not less than Rs.15 lakhs  
OR
    - iii. One similar works costing not less than Rs.20 lakhs
5. Compliance of technical specifications as per the format given in the tender document
6. List of similar works executed with evidence as per the format given in the tender document

7. Any brochures/printed material of the CCTV equipment which are proposed to use
8. One copy of the entire tender document with signature of bidder on each page.

**Commercial Bid**

1. Commercial Bid as per the format given in the tender document

**Earnest Money Deposit**

1. DD as mentioned in the tender document