

Bank of Maharashtra
ZONAL OFFICE, 1st Floor, Chawala Complex,
Sai Nagar, Devendra Nagar, Raipur - 492001
..... /Phone : 0771-6665615/612 / 5080/Fax : 0771-6665624

.-... /E-mail: gad_rai@mahabank.co.

Tender document for CCTVs

Bids are invited to for supply, installation, Testing, Commissioning, training and Maintenance of 16 no. of 8/16 channel DVR Closed Circuit Television Systems (CCTV) for our identified Branches in Chhattisagarh State and Balaghat Dist.(M.P.). 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 20th November 2014 before 3.30 PM. All applications received up to 3.30 PM on 20/11/2014 will be opened at 04.00 on the same day.

Zonal Manager,
Raipur Zone.

1. Requirement	3
2. Scope of the work	5
3. General Conditions:	7
4. Eligibility Criteria for the applicant:	12
5. Technical Specifications	13
6. Covering letter to Technical bid	19
7. Format for submission of Eligibility with Technical bid.	21
8. List of similar works executed during last 3 years for any Public Sector Bank/State Govt or Central Govt. organization.	22
9. Form of Agreement	23
10. Commercial Bid	25
11. List of Branches	27
12. Check list for submission of tender	29

1. Requirement

2. Bids are invited under in two bid system from the eligible CCTV vendors /manufactures / distributes for supply, installation, Testing, Commissioning, training and Maintenance of 16 no. of 8/16 channel DVR Closed Circuit Television Systems (CCTV) for our identified Branches in Andhra Pradesh and Telangana States.

3. Interested parties may submit their tender 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.

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 Raipur" as Earnest Money drawn on any private or public sector bank other than Bank of Maharashtra

d) Both the sealed covers and DD 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 Raipur" as Earnest money.

4. Commercial Bid shall contain nothing but rate of equipment per item without any conditions. It should be submitted in the enclosed format only.

5. 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 Chhattisagarh State and Balaghat Dist.(M.P.)" addressed to

"The Zonal Manager, Raipur Zone, Bank of Maharashtra, 1st Floor, Chawala Complex,

Sai Nagar, Devendra Nagar, Raipur - 492001 should be submitted.

6. "Technical Bid" will be opened First for short listing of parties/firms for opening of Commercial Bid.

7. Commercial Bids of only those parties will be opened who have qualified for short listing on opening of technical bid.

8. The work has to be carried out as per site conditions.

9. 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.

10. Bank of Maharashtra reserves the right to accept or reject any tender irrespective of the lowest bidder without assigning any reasons thereof.

11. The Bids are required for our branches located in the state of Andhra Pradesh and Telangana States.

12. The rate quoted should be inclusive of all incidental expenses at a uniform rate per branch / Office.

13. All bidders are requested to study the details carefully before submitting their tenders.

14. Completed quotes in sealed envelopes should reach "The Zonal Manager, Raipur Zone, Bank of Maharashtra, 1st Floor, Chawala Complex, Sai Nagar, Devendra Nagar, Raipur - 492001 on or before 3.30 PM on 20th November 2014.

15. 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.

16. Tenders will be opened at 4 pm on 20th November 2014 at Zonal Office, Bank of Maharashtra, 1st Floor, Chawala Complex, Sai Nagar, Devendra Nagar, Raipur - 492001.

17. 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.

18. 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.

19. 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.

20. 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.

21. 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.

22. 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 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 CCTV 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, Raipur 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 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.

a) Three similar works each costing not less than Rs.10 lakhs

OR

b) Two similar works costing not less than Rs.15 lakhs

OR

c) 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 Ω/BNC)
12. S/ N Ratio More than 52 dB General
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 Srno Technical Parameter Specification

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 Srno Technical Parameter Specification
launched date 16 Channel DVR Standalone systems Srno Technical Parameter
Specification

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 Srno Technical Parameter Specification
30. Working condition 24X7 Support
31. Product warranty 3 years
32. Certification UL/CF/FCC
33. Mention Make / Model / Model launched date Item no Item Name Specifications
A 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 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

C 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

D 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

E PVC conduits for cabling Item no Item Name Specifications /casing caping Specifications Depend on number of wires Acceptable Quality

ISI Marked Make- Precision or equivalent Grade Medium

F 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)

General 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 (17.64lbs)

6. Covering letter to Technical bid

Date:

The Zonal Manager, Raipur Zone, Bank of Maharashtra,
1st Floor Chawala Complex, Sai Nagar, Devendra Nagar, Raipur 492001 .

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 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 is 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 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.

d) Three similar works each costing not less than Rs.10 lakhs
OR

e) Two similar works costing not less than Rs.15 lakhs

OR

f) One similar works costing not less than Rs.20 lakhs

8. List of similar works executed during last 3 years for any Public Sector Bank/State Govt or Central Govt. organization.

Srno Word order Evidence provided

9. Form 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, Raipur 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, Raipur Zone, Bank of Maharashtra,
1st Floor Chawala Complex, Sai Nagar, Devendra Nagar, Raipur 492001

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. 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)

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

- 1. 1 no. of 8 channel DVR
- 2. 1 no. of 4 TB HDD
- 3. 1 no. of IR Camera with veri-focal Lens (Outdoor)
- 4. 3 nos. of Indoor IR Dome Camera with fixed lens
- 5. 1 nos of CCTV Fixed C Mount Camera
- 6. 19" LED Monitor
- 7. 6-U Rack - Wall Mount
- 8. Any other required materials/equipment

Rs..... Plus
Cabling Rs..... per meter at actual length Plus
Taxes @.....% plus
VAT @.....%

Yours faithfully,
(Signature of Authorized Official)/Name: Designation: Seal of the company

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:

1. Covering letter as per the format given in the tender document
2. Profile of the company / firm
3. Compliance of eligibility criteria of the company/firm as per the format given in the tender document
4. Compliance of technical specifications as per the format given in the tender document
5. List of similar works executed with evidence as per the format given in the tender document
6. One copy of the entire tender document with signature of bidder on each page.
7. Any brochures/printed material of the CCTV equipment which are proposed to use

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

