STANDALONE DVR BASED CCTV SYSTEM ON OUTRIGHT PURCHASE/RENTAL BASIS

FOR

DECCAN GRAMEENA BANK HYDERABAD

TENDER SCHEDULE

(REPUTED VENDORS NEED TO APPLY)

TENDER No.DGB/CCTV/003/2011-12 DATED 25.11.2011

Last date for submission of Sealed Tender: Before 2.00 PM on 12.12.2011

Opening of Sealed Tenders: At 3.00 PM on 12.12.2011

Tender to be submitted to:

THE GENERAL MANAGER (ADMN & IT)
DECCAN GRAMEENA BANK
HEAD OFFICE, HYDERABAD
2-1-520, 2nd FLOOR, VIJAYASRI SAI CELESTIA,
NEAR SHANKERMUTT,
ROAD NO.9, NALLAKUNTA, HYDERABAD-500 044
(PHONE NO: 040-27602091, 27600821)
FAX: 040-27662623,27661742
WEBSITE: www.dgbhyd.com
EMAIL: dgbhyd@yahoo.co.in

NOTICE INVITING TENDERS (NIT)

NAME OF THE WORK: SUPPLY & INSTALLATION OF STANDALONE DVR BASED CC TV SYSTEMS ON OUTRIGHT PURCHASE/ RENTAL BASIS AT 220 plus LOCATIONS OF DECCAN GRAMEENA BANK SPREAD IN THE DISTRICTS OF ADILABAD, KARIMNAGAR, NIZAMABAD,RANGAREDDY AND HYDERABAD DISTRICTS.

Sealed tenders are invited from reputed service providers and empanelled Service Providers of SBI/SBH for installation of DVR BASED CCTV SYSTEMS for both models of outright purchase/rental models and maintenance for 5 years to be processed in Two Stage Bidding Process from reputed vendors. The Bidder should be a profitable registered company / firm involved in supply, installation & maintenance of CCTV Systems for at least 5 (five) years and not blacklisted by any Bank either for substandard equipment or for poor monthly maintenance service.

1	**Name of the work**	**1. Installation of standalone DVR based CCTV System on outright purchase .** **2. Installation of standalone DVR based CCTV System on rental/turnkey basis.**
2	**Time and last date of submission of Tender**	**Up to 2.00PM on 12.12.2011**
3	**Place & Address for submission of tender.**	**Deccan Grameena Bank, Head Office, H. No. 2-1-520, 2nd Floor, Vijaya Sri Sai Celestia, Road No.9, Nallakunta, Hyderabad-500 044**
4	**Date,Time and Place of opening of tenders.**	**3.00 PM on 12.12.2011 at our Head Office in the above address**
5	**Quantum of Earnest Money Deposit (EMD)**	**Rs.3.00 lakhs for each Model (Total Rs.6.00 lakhs for 2 Models) along with Technical Bid. Bidders may quote for one or both models**
6	**Terms of payment of Bills, if any.**	**No interim payment will be paid.**
7	**(Penalty clause) Liquidated Damages**	**In case of delay in installation and commissioning of systems, a penalty @ the rate of 1% of the value of the work per week subject to a maximum of 10% (as per the value of work) would be strictly imposed.**
8	**Stipulated time for completion of the work/supply.**	**Two months**
9	**Validity period of the tender.**	**Three (3) Months.**
10	**Taxes**	**Rates quoted should be inclusive of all Taxes, Octroi vat other charges like Transportation etc. However tax will be deducted at source at the applicable rates.**
11	**Any additional Information**	**Technically qualified Vendors will be ranked in the order of L1 (the Lowest Bidder), L2 & L3 based on the Unit Prices. The Bank reserves right to distribute the work to L2 &L3 based on their willingness to supply CC Cameras at the rate quoted by the L1.**

Note: The Bank reserves right to choose one or both models after scrutiny of the all Tenders received. The bank reserves the right to cancel or postpone the tenders at any stage without assigning any reason.

The required Configuration & Technical details are given in the enclosed Annexure I-Technical Details.

The format for submission of technical bids is as given in Technical Bid - Annexure- II (For Outright Purchase Model) & III (For Rental Model).

The format for submission of Price Bids is given in Annexure-IV (For Outright Purchase Model) & Annexure-V (For Rental Model)) should be in separate covers/envelops/packets.

The quantity required and locations are provided in Annexure-VI. The successful bidder has to supply and install at further proposed branches at the same cost for 1 year.

The bidders has to submit Technical and Financial Bids in separate sealed covers duly super scribing the model for which the Tender is made.

Vendors must submit the TECHNICAL BID(non financial) for each of the 2 models separately in sealed covers strictly as per the terms specified in Annexure II & III for Technical Bids and FINANCIAL BIDS in separate covers as per Annexure IV & V. Two covers are required for each Model (Technical & Financial). Model No. should be embossed on each cover. EMD DD should be attached to the Technical Bid only. Bids submitted otherwise will not be accepted. The Bank has right to choose any one of the TWO options.

DVR configuration and Camera specifications mentioned in the Annexure-II & III will remain same for both Rental and outright purchase Models. Hence, Tenderers are requested to quote accordingly and supply as per the configuration/specifications.

Authorized signatory of the vendor should duly sign each page of the Tender thereby acknowledging acceptance of the terms & conditions.

Sd/-
GENERAL MANAGER (ADMN & IT)

MODEL I: DVR BASED CCTV SYSTEM – OUTRIGHT PURCHASE

Terms And Conditions:

BIDDERS' ELIGIBILITY CRITERIA

1. The Bidder should be a profitable registered company / firm involved in supply, installation & maintenance of CCTV Systems for at least 5 years and not blacklisted by any Bank either for substandard equipment or poor monthly maintenance service.

2. The Tenderer will have to **submit documentary evidences confirming** that they have minimum experience of 5 years in supply, installation & maintenance of CCTV Systems. (Attach supporting documents)

3. The Bidder has to submit copy of the authenticated balance sheets for 5 years besides furnishing the email addresses/Websites of their clients to ascertain their credentials.

4. The Bidder has to submit the list of equipped after sales Service Centres located in Adilabad, Karimnagar, Nizamabad and Hyderabad along with contact numbers along with Technical Bid.

5. The Tenderer should supply DVR & Cameras as per the specifications given in the Annexure-I.

6. The Tenderer should quote rates for all items separately in Annexure-II and submit in Financial Bid envelop.

7. 90 days backup should be ensured at all the locations at any given point of time as per RBI guidelines.

8. **WARRANTY:** Bidders should specify the Warranty period for the equipment. During Warranty period, Vendors should undertake to provide the Bank unconditional and unlimited, free maintenance service (which will include replacement and maintenance of all kits or parts, and supply of spare parts as and when required free of cost for smooth functioning of the systems) from the date of installation. Date of installation of the ordered equipment will be decided by the Bank. The Warranty shall cover all the Hardware and any software accompanying the Hardware and included in the cost thereof.

   Extended Warranty period will be an added qualification for evaluation of Technical Tenders. Bank expects minimum of three (3) years warranty for the items supplied including Cameras.

9. **ANNUAL MAINTENANCE CONTRACT: Bank assumes a life of 5 years for the CCTV system.** Preventive visits to be done at monthly intervals during the period of 5 years. Besides, the successful Bidder shall have to attend to all break-down calls within 24 hours within the Service Area of Deccan Grameena Bank. AMC charges for maintenance and support for 5 years period should be quoted inclusive of taxes.

10. Vendor shall submit Performance Guarantee for five years issued by a Scheduled Commercial Bank which covers Warranty & AMC period and the equipment supplied. In case of any defect in service/replacement/AMC, the guarantee will be invoked. No further correspondence will be entertained.
11. specification of the items quoted by the bidder should match with the technical specifications mentioned in the Annexure-I or Higher.
12. Technical specification sheet of each item (cameras, DVR) should be attached and duly signed by the bidder along with Technical Bid.

13. **PAYMENT TERMS**:

A. 90% will be released after delivery and successful installation at the respective branches subject to production of Installation Certificates from the Branch Managers concerned.

B. 10% against submission of PERFORMANCE GUARANTEE for five years from the date of installation. The Performance Guarantee should be issued only by a Scheduled Commercial Bank.

The payment will be made at Head Office after successful installation and commissioning of the system at the Branches / Regional Office respectively.

No advance amount will be paid along with the Purchase Order / Letter Of Intent.

C. **COPYRIGHT / LICENSE VIOLATIONS & PROVISION OF LEGAL COPIES:** Vendors shall explicitly absolve the Bank of any responsibility and indemnify the Bank. Vendors should unconditionally absolve the bank of any responsibility and indemnify bank against any liability for the use of system OS and Software with regard to copyright/license if any. Whenever the hardware is supplied with preloaded OS appropriate LTU (License to Use)/paper license with necessary media for each of the system shall be provided.

D. Tendering firm has to submit a certificate from the manufacturers along with technical specifications that they are the authorised agents for the sale and service of their product and manufacturer undertakes to support the tenderer in supply of required spares.

E. Bidder will have to submit a certificate from the manufacturer that the spare parts for the supplied product will be available for after sales service.

F. The Bidders will have to submit documentary evidences confirming Registration with Sales Tax, Service Tax.

G. The acceptance of a tender will rest with the Competent Authority, who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received, without assigning any reasons. All tenders in which any of the prescribed conditions are not fulfilled, or are incomplete in any respect are liable to be rejected.

H. Tender containing any condition leading to unknown/indefinite liability, are liable to be summarily rejected. If at all any rebate(s) is/are to be offered the Bidder shall first quote his rates strictly on the terms and conditions stipulated in tender document and then show separately rebate(s) offered specifying the conditions for such rebate(s). Failure to follow this procedure will render the tender liable to summarily rejection.

I. In case the successful Bidder fails to undertake the work, the earnest money deposited by them will be forfeited and acceptance of their tender will be withdrawn.

J. The Bidder should quote their (own) rates for undertaking the work. No escalation in rates will be allowed under any circumstances.

K. All taxes including Sales Tax, Octroi, or any other statutory obligation / tax on material or on finished works like work's contract tax, turn over tax etc. in respect of this contract, as applicable, shall be payable by Vendor including transportation and TA / DA of the workers at site and the Bank will not entertain any claim whatsoever in this respect.

L. It will be obligatory on the part of the Bidder to tender and sign the tender documents for all the component parts and that, after the work is awarded, he

will have to enter into an agreement for each component with the competent authority in the bank.

M. The successful bidder should undertake installation, testing and commissioning of total system. This includes job training to branch functionaries in handling and operating of CCTV system. As this is a turnkey all works should be completed before claiming payment.

N. The quantities of various items given in the schedule of quantities are approximate. The quantities of work may vary at time of allotment / execution of work. Bank reserves the right to omit / delete any item(s) of work from the schedule at the time of allotment / before. Vendor will be paid for the actual work done at the site duly verified by the concerned official of the bank.

O. The work has to be started within 7 (Seven) Days from the date of receipt of work order and complete within 60 days. In case of work not being started andwithin this stipulated period, the bank reserves the right to cancel the work order duly forfeiting the Earnest deposit.

P. The tender document must be filled in English and all the entries must be made by the hand and Written in ink. If any of the documents are missing or un-signed, the tender shall be considered invalid.

Q. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the Vendors who resort to canvassing will be liable to rejection.

R. The work so completed will be under a Defect Liability Period of One year from the date of virtual completion.

S. Technical Bid (including Earnest Money Deposit DD) and Financial Bid to be submitted in separate covers.

FOR ANY ENQUIRIES YOU MAY CONTACT CHIEF MANAGER (IT) – 09491041903 MANAGER (IT) – 09491041987 AND Asst. Manager - 9491041988

MODEL II: DVR BASED CCTV SYSTEM – RENTAL BASIS

Terms And Conditions:

BIDDERS' ELIGIBILITY CRITERIA

1. The Bidder should be a profitable registered company / firm involved in supply, installation & maintenance of CCTV Systems for at least 5 years and not blacklisted by any Bank either for substandard equipment or poor monthly maintenance service.

2. The Tenderer will have to **submit documentary evidences confirming** that they have minimum experience of 5 years in supply, installation & maintenance of CCTV Systems.(attach supporting documents)

3. The Bidder has to enclose the details of complete profile of their Firm/Company besides furnishing the details of their clients to ascertain their credentials.

4. The Bidder has to submit the list of equipped after sales Service Centres located in Adilabad, Karimnagar, Nizamabad and Hyderabad along with contact numbers along with Technical Bid.

5. The Tenderer should supply DVR & Cameras as per the specifications given in the Annexure-I.

6. The Tenderer should quote rates for rentals for both 4/8 Channel DVR based CCTVs in Price Bid (Annexure-V).

7. Hirer should ensure 90 days backup of recordings of each Camera and should be in a position to extract the footage as and when required. Hirer should ensure clarity of the footage.

8. The Minimum Period of contract should be for **3 years** and may be extended for a further period on mutual consent by entering in to an Agreement. During period of contract , the successful Bidder has to undertake monthly preventive visits. Besides, the successful Bidder shall have to attend to all break-down calls within 24 hours within the Service Area of Deccan Grameena Bank. The rental charges for maintenance and support for 3 years period should be quoted inclusive of taxes.

9. Vendor shall submit Performance Guarantee for 3.00 lakhs for three years issued by a Scheduled Commercial Bank. In case of any defect in service/replacement, the guarantee will be invoked. No further correspondence will be entertained.

10. Since the Model is turnkey model, no other payments will be entertained for any replacements/repairs of the equipment supplied.
11. specification of the items quoted by the bidder should match with the technical specifications mentioned in the Annexure-I or Higher.
12. Technical specification sheet of each item(cameras, DVR) should be attached and duly signed by the bidder under seal.
13. **PAYMENT TERMS**:

    A. Monthly rentals will be paid by the Branch concerned on monthly basis in arrears.

14. The acceptance of a tender will rest with the Competent Authority, who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received, without assigning any reasons. All tenders in which any of the prescribed conditions are not fulfilled, or are incomplete in any respect are liable to be rejected.

15. Tender containing any condition leading to unknown/indefinite liability, are liable to be summarily rejected. If at all any rebate(s) is/are to be offered the Bidder

shall first quote his rates strictly on the terms and conditions stipulated in tender document and then show separately rebate(s) offered specifying the conditions for such rebate(s). Failure to follow this procedure will render the tender liable to summarily rejection.

16. In case the successful Bidder fails to undertake the work, the earnest money deposited by them will be forfeited and acceptance of their tender will be withdrawn.

17. All taxes including Sales Tax, Octroi, or any other statutory obligation / tax on material or on finished works like work's contract tax, turn over tax etc. in respect of this contract, as applicable, shall be payable by Vendor including transportation and TA / DA of the workers at site and the Bank will not entertain any claim whatsoever in this respect.

18. The successful bidder should undertake installation, testing and commissioning of total system. This includes job training to branch functionaries in handling and operating of CCTV system. As this is a turnkey all works should be completed before claiming payment.

19. The work has to be started within 7 (Seven) Days from the date of receipt of work order and complete within 60 days. In case of work not being started within this stipulated period, the bank reserves the right to cancel the work order duly forfeiting the Earnest deposit.

20. The tender document must be filled in English and all the entries must be made by the hand and Written in ink. If any of the documents are missing or un-signed, the tender shall be considered invalid.

21. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the Vendors who resort to canvassing will be liable to rejection.

22. The work so completed will be under a Defect Liability Period of One year from the date of virtual completion.

23. Technical Bid (including Earnest Money Deposit DD) and Financial Bid to be submitted in separate covers.

FOR ANY ENQUIRIES YOU MAY CONTACT CHIEF MANAGER (IT) – 09491041903 MANAGER (IT) – 09491041987 AND Asst. Manager - 9491041988

ANNEXURE-I

TECHNICAL DETAILS

1. 4/8 CH DVR:

Compression

- PAL/NTSC adaptive video inputs.
- H.264 video compression with high reliability and superior definition and D1 resolution.
- G.711 audio compression standard.
- Independent video encoding parameters, including frame rate,resolution, bit rate, video quality, etc.
- Scheduled and event recording parameters configurable for per individual camera.
- Support dual stream.
- Encoding for both audio/video composite stream and video stream; audio and video synchronization during composite stream encoding.
- Compression, storage and network transmission of 4CIF, 2CIF or CIFvideo image in H.264 format.

Local Monitoring

- Up to 1024×768 resolution for VGA output display.
- Pentaplex operation.
- Simultaneous VGA and CVBS output.
- 1/4/8-camera video live view, with the camera order adjustable.
- Group switch, manual switch and automatic cycle modes selectable for video live view, with the auto cycle period configurable.
- Digital zoom in live view mode.
- Shield of assigned channel for live view.
- Privacy masking capability.
- Multiple PTZ protocols supported, and settings and call up of presets, patrols and patterns.
- Video image zoom-in by clicking the mouse and tracing by dragging mouse in PTZ control mode.

Resolution

- Display Resolution : 4 CIF (704 X 480)
- Recording Resolution: NTSC – DCIF (528 X 320) CIF (352 X 240):PAL– DCIF (528 X 384) CIF (352 X 288)

Authentication

Encrypted watermark: AES/MD5 (Court admissible)

Hard Disk Management

- Connection to 1 / 2 SATA hard disks supported, with up to 2/4TB Storage capacity.
- S.M.A.R.T technology.
- HDD standby function.
- HDD file system is compatible with Windows. Use pre-allocating hard disk management technology, and no disk fragments.

Recording

- Cycle and non-cycle recording mode.
- 25 FPS per Camera
- Scheduled and event video encoding parameters.
- Multiple recording types, including manual, continuous, alarm,motion, motion alarm and motion & alarm recording,etc.
- 8 recording time periods with separate recording types.
- Pre-record and Post-record time for alarm and motion
- Detection and pre-record time for schedule and manual recording.
- Lock and unlock of video files.
- HDD property can be set to read-only.
- Video data search and playback by channel number, recording type,time etc.
- Digital zoom function in playback mode.
- Pause, play fast, play slow, skip forward, and skip backward when playback, locating in progress bar by dragging the mouse.
- 4 / 8 -channel synchronous playback.

Backup

- Record files backed up via USB device.
- Bunch backup by file or by time.
- Record files edited for backup in playback.
- Management and maintenance for backup devices.

Alarm & Exception

- Configurable arming time for alarm in/out.
- Various alarm types supported: alarms for video loss, motion
- detection, video tempering, video signal abnormal, video in/out format unmatched, illegal access, network disconnection, IP conflict, hard disk error and hard disk full.
- Various alarm response actions supported: camera recording, relay out, on-screen warning, audible warning and upload to center,etc.
- Auto recovery from exceptions.

Others

- Control of DVR via front panel keys, mouse, IR control and special keyboard.
- Three-level user management, each user with individual operating permission for DVR and camera.
- Powerful record and search for log of operation, alarm and exceptions.
- Import/export of device configuration files.

Network

- 10/100M adaptive network interface.
- TCP/IP protocol suites, Poe, DHCP, DNS, DDNS, NTP, SADP protocols, etc.
- Unicast and multicast supported; TCP and UDP protocols applicable in Unicast transmission.
- Remote search, playback and download, lock/unlock of video files; Support breakpoint resume.
- Remote access and configuration of parameters; remote import/export of device configuration parameters.
- Remote access of device running status, system log and alarm status.
- Remote control of DVR via button operation.
- Remote lock/unlock of panel buttons and mouse.
- Remote formatting of hard disk, upgrade, reboot/shutdown and other system maintenance operations.
- RS-232 and RS -485 transparent channel transmission.
- Event alarm and exceptions upload to remote management host.
- Remote manual recording.
- Remote video image capture in JPEG format.
- Remote PTZ control.
- Voice talk and broadcast.
- Built-in WEB Server.

2. C-Mount Cameras.

- 1/3” Sony CCD image sensor
- DSP with high resolution of minimum 600 TVL
- Fixed 3.6mm lens with auto Iris & motion detection.
- OSD Menu, Lightning proof
- Power: 12 V DC input jack.
- Auto Electronic Shutter,
- Auto white balance,
- gain control and light compensation.

3. IR Bullet Cameras / IR Dome camera.

- 1/3” Sony CCD image sensor
- DSP with high resolution of minimum 600 TVL with IR & IR illumination.
- No.of IR Led’s: 24,
- Lens: Fixed 3.6 mm.
- Lux at F1.6 (0 Lux with IR Led on) with auto Iris & motion detection.
- The distance to be covered is 15 - 20 Meters.
- OSD Menu, Lightning proof and vandal proof.
- Power: 12 V DC input jack.
- Auto Electronic Shutter,
- Auto white balance,
- gain control
- light compensation

All the ITEMS quoted must have been manufactured by the vendor, except when quoting MNC brands. Otherwise the Bidder has to enclose Manufacturer’s Authorization Letter/ Dealership Certificate from the Origin Equipment Manufacturer (OEM) for the relevant CCTV products along with the Technical Bid.

ANNEXURE –II

TECHNICAL BID FOR MODEL-I: DVR BASED CCTV SYSTEM – OUTRIGHT PURCHASE (REFER TECHNICAL DETAILS MENTIONED IN ANNEXURE- I)

NO ALTERATION PERMITTED IN THE FORMAT BELOW

PARTICULARS	COMPLIED (YES/NO/PARTIAL)	REMARKS (In ca of No/Partial
1) 4 CH Network DVR H.264 compression and D1 resolution for DVR recording and Web transmission. PAL/NTSC adaptive video inputs. Graphic OSD and mouse control (PS/2), Live display, record, backup, playback and network access at the same time. Simultaneous VGA and CVBS output. USB 2.0 port (1 Port at front panel. 1 Channel audio recording and playback. Motion detection with area selecting and sensitivity adjusting by each camera. E-mail notification while event is happening. TCP/IP, DHCP, DDNS, Dynamic IP Network protocol. Manual/event/schedule recording. 2 TB Hard Drive. S.M.A.R.T. Technology. HDD file system compatible with windows.		
2) 8 CH Network DVR H.264 compression and D1 resolution for DVR recording and Web transmission. PAL/NTSC adaptive video inputs. Graphic OSD and mouse control (PS/2), Live display, record, backup, playback and network access at the same time. Simultaneous VGA and CVBS output. USB 2.0 port (1 Port at front panel. 1 Channel audio recording and playback. Motion detection with area selecting and sensitivity adjusting by each camera. E-mail notification while event is happening. TCP/IP, DHCP, DDNS, Dynamic IP Network protocol. Manual/event/schedule recording. 4 TB Hard Drive. S.M.A.R.T. Technology. HDD file system compatible with windows.		
3) CAMERAS: • **C-Mount Cameras**. 1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 24, Lens: varifocal 3.5 mm to 8 mm. 0.1 Lux at F1.6 (0 Lux with IR Led on) with auto Iris & motion detection. The distance to be covered is 15 - 20 Meters. OSD Menu, Lightning proof and vandal proof. Power: 12 V DC input jack. Auto Electronic Shutter, Auto white balance, gain control and light compensation. • **Bullet Cameras.** 1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 24, Lens: Fixed 3.6 mm. 0.1 Lux at F1.6 (0 Lux with IR Led on) with auto Iris & motion detection. The distance to be covered is 15 - 20 Meters. OSD Menu, Lightning proof and vandal proof. Power: 12 V DC input jack. Auto Electronic Shutter, Auto white balance, gain control and light compensation.		
4) CASING AND CABLES High quality Casing and Cables should be provided.		

AUTHORISED SIGNATORY OF THE COMPANY WITH SEAL
Place:

Date:

ANNEXURE –III

TECHNICAL BID FOR MODEL- II: DVR BASED CCTV SYSTEM – RENTAL BASIS (REFER TECHNICAL DETAILS MENTIONED IN ANNEXURE- I)

NO ALTERATION PERMITTED IN THE FORMAT BELOW

PARTICULARS	COMPLIED (YES/NO/PARTIAL)	REMARKS (In ca of No/Partial
1) 4 CH Network DVR H.264 compression and D1 resolution for DVR recording and Web transmission. PAL/NTSC adaptive video inputs. Graphic OSD and mouse control (PS/2), Live display, record, backup, playback and network access at the same time. Simultaneous VGA and CVBS output. USB 2.0 port (1 Port at front panel. 1 Channel audio recording and playback. Motion detection with area selecting and sensitivity adjusting by each camera. E-mail notification while event is happening. TCP/IP, DHCP, DDNS, Dynamic IP Network protocol. Manual/event/schedule recording. 2 TB Hard Drive. S.M.A.R.T. Technology. HDD file system compatible with windows.		
2) 8 CH Network DVR H.264 compression and D1 resolution for DVR recording and Web transmission. PAL/NTSC adaptive video inputs. Graphic OSD and mouse control (PS/2), Live display, record, backup, playback and network access at the same time. Simultaneous VGA and CVBS output. USB 2.0 port (1 Port at front panel. 1 Channel audio recording and playback. Motion detection with area selecting and sensitivity adjusting by each camera. E-mail notification while event is happening. TCP/IP, DHCP, DDNS, Dynamic IP Network protocol. Manual/event/schedule recording. 4 TB Hard Drive. S.M.A.R.T. Technology. HDD file system compatible with windows.		
3) CAMERAS: • **C-Mount Cameras.** 1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 24, Lens: varifocal 3.5 mm to 8 mm. 0.1 Lux at F1.6 (0 Lux with IR Led on) with auto Iris & motion detection. The distance to be covered is 15 - 20 Meters. OSD Menu, Lightning proof and vandal proof. Power: 12 V DC input jack. Auto Electronic Shutter, Auto white balance, gain control and light compensation. • **Bullet Cameras.** 1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 24, Lens: Fixed 3.6 mm. 0.1 Lux at F1.6 (0 Lux with IR Led on) with auto Iris & motion detection. The distance to be covered is 15 - 20 Meters. OSD Menu, Lightning proof and vandal proof. Power: 12 V DC input jack. Auto Electronic Shutter, Auto white balance, gain control and light compensation.		
4) CASING AND CABLES High quality Casing and Cables should be provided.		

AUTHORISED SIGNATORY OF THE COMPANY WITH SEAL

Place:

Date:

ANNEXURE-IV

PRICE BID:

MODEL-I : DVR BASED CCTV SYSTEM – OUTRIGHT PURCHASE

FOR 4/8 CHANNEL CCTV SYSTEM

Item	Qty	Unit price	Total price
4channel DVR with 2TB HDD	1		
1/3 Sony CCD 600 TVL C-Mount Cameras	1		
1/3 IR Bullet 600TVL Cameras	1		
1/3 IR Dome 600 TVL Camera	2		
Cable with conduit	100meters		
Cabling Charges			
Power adapters	4		

Total Package cost for 4channel CCTV in figures & words:

FOR 8 CHANNEL CCTV SYSTEM

Item	Qty	Unit price	Total price
8channel DVR with 4TB HDD	1		
1/3 Sony CCD 600 TVL C-Mount Cameras	1		
1/3 IR Bullet 600TVL Cameras	1		
1/3 IR Dome 600 TVL Camera	6		
Cable with conduit	200meters		
Cabling Charges			
Power adapters	8		

Total Package cost for 8 channel CCTV in figures & words:

Price Bid Includes Supply, Installation And Training. No Extra Claim.

AMC Charges for 4 and 8channel CCTV system

AMC	1yr	2yr	3yr	4yr	5yr
Percentage					

Declaration By The Bidder

I declare that the DVR and CCTV Cameras to be installed on OUT RIGHT PURCHASE (Model-I) will be as per the specifications mentioned in Annexure-I & II and includes supply, installation, training and inclusive of all taxes.

Signature & Seal of the Bidder

Date:

ANNEXURE-V

PRICE BID FOR 4/8 CHANNELCCTV SYSTEM– RENTAL BASIS

MODEL-II : DVR BASED CCTV SYSTEM – RENTAL BASIS

DESCRIPTION	Rate per month
Monthly Rent for 4 Cameras&DVR	
Monthly Rent for 8 Cameras&DVR	

Declaration By The Bidder

I declare that the DVR and CCTV Cameras to be installed on RENTAL BASIS (Model-II) will be as per the specifications mentioned in Annexure-I & III and the rate quoted includes supply, installation, training and inclusive of all taxes.

Signature & Seal of the Bidder

Date:

ANNEXURE-VI

LIST OF BRANCHES, REGIONAL OFFICES:

HYDERABAD RO	ADILABAD RO	KARIMNAGAR RO	NIZAMABAD RO
Dilsukhnagar	Chennur	Ailapur	Nizamabad (N)
Tandur	Muthyampally	Allipur	Renjerla
Uppal	Kowtala	Arnakonda	Pachalnarkuda
Ibrahimpatnam	Golleti	Beerpur	Mubaraknagar
Mokila	Utnoor	Burugupally	Yellareddy (Bhavanipet)
Shamshabad	Ichoda	Chandurthy	Salampad
Hayathnagar	Kyathanpally	Chenjerla	Armoor
Kukatpally	Bela	Choppadandi	Ethonda
Medchal	Hajipur	Dongathurthy	Fathepur
Vikarabad	Rebbena	Elabotharam	Eklora (Big)
Chevella	Hasnapur	Ellanthakunta	Sangam
Bodakonda	Kapparla	Garrepalli	Kaldurki
Balapur	Cherrakunta	Garshakurthy	Pentakalan
Dubbacharla	Sirsanna	Godavarikhani	Ramannapet (N)
Aziznagar	Bazar Hathnoor	Gollapally	Gutpa
Dandumailaram	Karanji (B)	Gudem	Gadkole
Pargi	Tiryani	Indurthi	Kondur
Velchal	Ramai	Jagtial	Rampurkalan
GundlaPochampaly	Kerameri	Jammikunta	Thirumalapur
Nagaram	Pendalwada	Kaman	Utnoor (N)
Eliminedu	Arli (T)	Karimnagar	Shantapur
Komsettypally	Indervelly	Kataram	Dharmareddy
Dadapur	Sunkidi	Kathlapur	Mothe
Ghatsingapur	Nennel	Katkur	Bheemgal
Laxminagar	Seethagondi	Kodurupaka	AdloorYellareddy
Chowdapur	Rashpally	Kolanoor	Chinnamallareddy
Hasthinapuram	Kotapally	Kothulanaduma	Kamareddy
Jodimetla	Awadam	Kukkalagudur	Palwancha
Mailwar	Kannepally	Laxmipur	Peddamallareddy
Nizampet	Sonala	Lingannapet	Pangra
Turkapally	Bejjur	Marripalligudem	Velmel
Suraram	Kundaram	Metpalli	Nirmal (Adilabad)
O.U. Colony	Bheempur	Nerella	Manjulapur (ADB)
Ayodhyanagar	Dahegaon (S)	Nizamabad (K)	Bhainsa (Adilabad)
Mallapur	Wankidi	Odela	Kuntala (Adilabad)
Prashanthnagar	Bheemini	Parlapally	Mupkal
Bandlaguda	Sirpur (U)	Peddapally	Dilawarpur (ADB)
Tarnaka	Neelwai	Rajarampally	Bodhan
Maruthinagar	Khagaznagar	Ramadugu	Laxmanchanda(ADB)
Rampally	Indaram	Ramannapet	Wanalpad (ADB)
Gayathrinagar	Dandepally	Ramnagar	Lokeshwaram (ADB)
Moosarambagh	Indanpally	Sarangapur	Madhapur (ADB)
Mansoorabad	Tapalpur	Suraram	Beeravelly (ADB)
Bagh Amberpet	Boath	Thangallapally	Kallur (Adilabad)
Malkajgiri	Singapur	Uppal (K)	Waddial (Adilabad)
PeddapuliNagaram	Neredigonda	Vangara	Tanoor (ADB)
Snehapuri	Peddur	Vattemla	Beltharoda (ADB)
Saroornagar	Khanapur(ADB)	Vemulawada	Degaon (M)(ADB)
Swargadhamanagar		Shanigaram	Mamda (ADB)
Nagole		Theegalaguttapaly	Edbid (ADB)
Swarnadhamnagar		Korutla	Basar (ADB)
Baghlingampally		Koyyur	Ramareddy
West Maredpally		Sircilla	Konasamundar
Nallakunta		Baswapur	Nandipet
Ramnagar			Biknoor
S R nagar			Valgote