# STANDALONE DVR BASED CCTV SYSTEM/PC BASED CCTV SYSTEM ON RENTAL/OUTRIGHT PURCHASE BASIS

# FOR

# DECCAN GRAMEENA BANK HYDERABAD

# TENDER SCHEDULE

**(REPUTED VENDORS NEED TO APPLY)**

**TENDER No.DGB/CCTV/002/2011-12 DATED 20.10.2011**

**Last date for submission of Sealed Tender: Before 2.00 PM on 14.11.2011**

**Opening of Sealed Tenders: At 3.00 PM on 14.11.2011**

**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 TENDER (NIT)

**NAME OF THE WORK: SUPPLY & INSTALLATION OF STANDALONE DVR BASED CC TV SYSTEM / PC BASED CC TV SYSTEM ON RENTAL/OUTRIGHT PURCHASE BASIS.**

**Sealed tenders are invited for the above mentioned work in single bid system from reputed vendors.**

| | | |
|---|---|---|
| 1 | Name of the work | 1. Installation of standalone DVR based CCTV System on outright purchase .<br>2. Installation of standalone DVR based CCTV System on rental/turnkey basis.<br>3. Installation of PC based CCTV System on outright purchase basis.<br>4. Installation of PC based CCTV System on rental/turnkey basis. |
| 2 | Time and last date of submission of Tender | Up to 2.00PM on 14.11.2011 |
| 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 14.11.2011 at our Head Office in the above address |
| 5 | Quantum of Earnest Money Deposit (EMD) | @ ₹3.00 lakhs for each Model (Total ₹12.00 lakhs for 4 items) along with Technical Bid. |
| 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 all Taxes, Octroi vat other charges like Transportation etc. However TDS will be deducted at source. |
| 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 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. The technical bid and price bids (Annexure-III) should be in separate covers/envelops/packets. (TECHNICAL & PRICE BIDS FOR EACH MODEL IS GIVEN SEPARATELY)**

**The quantity required and locations are provided in Annexure-IV and Annexure-V respectively.**

**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.**

Vendors must submit the technical (non financial) and Financial bids for each of the 4 (four) models separately in sealed covers strictly as per the terms specified in Annexure II provided for the purpose. 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 four options.

PC configuration and Camera specifications mentioned in the Annexure-II 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**:

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.

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 Tenderer should supply DVR & Cameras as per the specifications given in the Annexures.

5. The Tenderer should quote rates for DVR and Cameras separately.

6. 90 days backup should be ensured at all the locations at any given point of time as per RBI guidelines.

7. **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.

8. **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.

9. 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.

10. **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 within 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**:

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.

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 Tenderer should supply DVR&Cameras as per the specifications given in the Annexures.

5. The Tenderer should quote rates for rentals for DVR and Cameras separately.

6. 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. He should ensure clarity of the footage.

7. 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, Bank insists on monthly preventive visits by the successful Bidder. 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.

8. 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.

9. Since the Model is turnkey model, no other payments will be entertained for any replacements/repairs of the equipment supplied.

10. **PAYMENT TERMS**:

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

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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.

17. 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.

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

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

20. 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 III:PC BASED CCTV SYSTEM – OUTRIGHT PURCHASE**

**Terms And Conditions**:

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.

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. Tenderer has to supply PCs and Cameras as per the specifications mentioned in the Annexure-II.

5. 90 days backup should be ensured at all the locations at any given point of time as per RBI guidelines.

6. **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 three (3) years warranty for the items supplied including Cameras.

7. **COMPLYING WITH CONFIGURATION:** The indicated configuration has to be strictly adhered to and quotation submitted as per the formats given therein. Non-furnishing of any responses in the 'response sheet' of technical bid may result in disqualification of the tender. The Bank reserves the right to decide whether or not, to open one or all the covers of the vendor / to permit the vendor to participate in the Bid without assigning any reason whatsoever. No quotations will be considered unless accompanied by technical documentation or literature giving the full particulars of systems and components offered to the Bank.

   Insufficient, incorrect or invalid information provided by the vendor or his representative, if any will disqualify the vendor and vendor's quotation will not be considered valid. Bank reserves the right to disqualify the vendor without any notice in all such events.

8. **PC WARRANTY:** Vendors should undertake to provide the Bank twelve (12) months unconditional and unlimited, free maintenance service (which will include repair and maintenance of all kits or parts, and supply of spare parts as and when required for smooth functioning of the systems) from the date of installation. The systems supplied should carry 1 Year on site / comprehensive warranty 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. It shall also cover the Operating System Software.

9. **ANNUAL MAINTENANCE CONTRACT: Bank assumes a life of 5 years for the CCTV system.** During these five (5) years period, Bank insists monthly preventive visits by the successful Bidder. 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. **PAYMENT TERMS**:

12. 90% will be released after delivery and successful installation at the respective branches subject to production of Installation Certificates from the Branch Managers concerned.

13. 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.

14. **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.

15. 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 after sales service of the product.

16. 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.

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

18. 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.

19. 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.

20. 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.

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

22. 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.

23. 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.
24. 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.
25. 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.

26. 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.

27. 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.

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

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

30. 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 IV:PC BASED CCTV SYSTEM – RENTAL BASIS**

**Terms And Conditions**:

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.

3. The Tenderer should quote rates for rentals for PC and Cameras separately as per the specifications given in Annexures.

4. 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.

5. 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. He should ensure clarity of the footage.

6. The Minimum Period of contract should be for **5 years** and may be extended for a further period on mutual consent by entering in to an Agreement. During period of contract, Bank insists monthly preventive visits by the successful Bidder. 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.

7. 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.

8. Since the Model is turnkey model, no other payments will be entertained for any replacements/repairs of the equipment supplied.

9. **PAYMENT TERMS**:

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

10. 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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.

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

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

19. 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 CIF video 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. <u>CAMERAS:</u>**

- **1/3" Sony CCD image sensor and DSP**
- **Resolutions: 600 TVL**
- **C-mount Camera with 'Auto Iris' lens and with IR for Banking hall and entrance.**
- **IR Camera for night vision (poor light condition) for Safe Room.**
- **Radiant Distance: 15- 20 Meters.**
- **No. of IR Led's: 24**
- **Lens: Fixed 3.6 mm**
- **Minimum illumination 0.1 Lux at F1.6 (0 Lux with IR Led on),**
- **Signal to noise ration: More than 48 dB**
- **Operating temperature: 0 degree - 55 degree Centigrade**
- **Power: 12V DC input jack**
- **Auto Electronic Shutter**
- **Auto Iris**

- **Automatic White Balance**
- **Auto Gain Control**
- **Automatic Light Compensation**

3. **Computer System (PC):**

- **2nd generation Intel core i3 2120 (3.3 Ghz, 3 MB cache) system**
- **2 GB/4 GB DDR-3 SD Ram, 1333 MHz Memory**
- **2 Tera Byte/4 Tera Byte Sata Hard Disk 30 GB/s**
- **Micro ATX Cabinet**
- **Audio – Realtek ALC883, 6 CH High Definition Audio Codec**
- **On Board LAN – 10/100/1000 Mbps Gigabit Ethernet**
- **I/O Ports: 1 PS/2 Key Board, 1 PS/2 Mouse, 8 USB 2.0 Ports, 1 LAN Port, 1 VGA Port, 1 DVD Drive, 3 PCI Slots**
- **Key Board – 110 keys MM**
- **Optical USB Mouse**
- **Graphics – Intel GMAX 4500 onboard graphics.**
- **Chipset – Mobile Intel H61 Chipset**
- **WLAN – 802.11b/g / WLan Card**
- **Optical Drive – 22XDVD+/-RW (SATA) with dual layer write capabilities.**
- **19" LED Monitor**
- **Operating system – Genuine Windows XP / Windows 7 64 Bit**

4. **All the ITEMS quoted must have been manufactured by the vendor, except when quoting MNC brands. Otherwise the Bidder has to submit project authorization letter from the manufacturer as stated above.**

**TECHNICAL SPECIFICATIONS FOR 4/8 CHANNEL H.264 PC BASED DVR CARD**

**It should Adopt Techwell 6816 chipset; 8 Ch real-time, 16 Ch non real-time, 10 Bits high video quality, Low power consumption, low heat, better stability, Super Network function, apply for second-level domain name directly in software, solving troubles while using the Dynamic IP address. Remote view picture or view through mobile-phone, Better compatibility with PC components: support popular motherboards (Intel, AMD) integrated graphic cards and PCI-E One system support 32chs; user can playback 32chs synchronously AVI video file format, play by windows media player**

| | |
|---|---|
| **Video Compression** | **: H.264/MPEG4** |
| **Preview Resolution** | **: 640x480\352X288 \ 320X240 \ 240X180** |
| **Record Resolution** | **: 352X288 \ 320X240 \ 240X180** |
| **VGA Resolution** | **: 1024X768 \| 1280X1024 \| 1440 X 900 \| 1920X 1080** |
| **Playback** | **: All Channels** |
| **Frame Rate** | **: 25 FPS** |
| **Motherboard slot** | **: PCI** |
| **Video Format** | **: PAL / NTSC** |
| **Supported O/s** | **: Windows XP / 7 /2003** |
| **Power consumption** | **: <12W <12W <24W** |

**ANNEXURE –II**

**MODEL-I : DVR BASED CCTV SYSTEM – OUTRIGHT PURCHASE**

**TECHNICAL BID: (REFER TECHNICAL DETAILS FOR MODELS)**
**NO ALTERATION PERMITTED IN THE FORMAT BELOW**

| PARTICULARS | COMPLIED (YES/NO/PARTIAL) | REMARKS (In case No/Partial |
|---|---|---|
| **1) 4 CH Network DVR**<br>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**<br>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:**<br>1. C-Mount Cameras.<br>1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 48, 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 40 - 50 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.<br>2. Bullet Cameras.<br>1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 48, 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 40 - 50 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**<br><br>High quality Casing and Cables should be provided. | | |

**AUTHORISED SIGNATORY OF THE COMPANY WITH SEAL**

**Place:**

**Date:**

**ANNEXURE –II**

**MODEL-II : DVR BASED CCTV SYSTEM – RENTAL BASIS**

**TECHNICAL BID: (REFER TECHNICAL DETAILS FOR MODELS)**
**NO ALTERATION PERMITTED IN THE FORMAT BELOW**

| PARTICULARS | COMPLIED (YES/NO/PARTIAL) | REMARKS (In case No/Partial |
|---|---|---|
| **1) 4 CH Network DVR**<br>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**<br>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:**<br>1. C-Mount Cameras.<br>1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 48, 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 40 - 50 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.<br>2. Bullet Cameras.<br>1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 48, 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 40 - 50 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**<br><br>High quality Casing and Cables should be provided. | | |

**AUTHORISED SIGNATORY OF THE COMPANY WITH SEAL**

**Place:**

**Date:**

**ANNEXURE –II**

**MODEL-III : PC BASED CCTV SYSTEM – OUTRIGHT PURCHASE**

**TECHNICAL BID: (REFER TECHNICAL DETAILS FOR MODELS)**
**NO ALTERATION PERMITTED IN THE FORMAT BELOW**

| **PARTICULARS** | **COMPLIED (YES/NO/ PARTIAL)** | **REMARKS (In case No/Partial** |
|---|---|---|
| **1) PC CONFIGURATION:**<br>• 2nd generation Intel core i3 2120 (3.3 Ghz, 3 MB cache) system<br>• 2 GB DDR-3 SD Ram, 1333 MHz Memory for 4 Cameras<br>• 4 GB DDR-3 SD Ram, 1333 MHz Memory for 8 Cameras<br>• 2 Tera Byte Sata Hard Disk 30 GB/s for 4 Cameras<br>• 4 Tera Byte Sata Hard Disk 30 GB/s for 8 Cameras<br>• Micro ATX Cabinet<br>• Audio – Realtek ALC883, 6 CH High Definition Audio Codec<br>• On Board LAN – 10/100/1000 Mbps Gigabit Ethernet<br>• I/O Ports: 1 PS/2 Key Board, 1 PS/2 Mouse, 8 USB 2.0 Ports, 1 LAN Port, 1 VGA Port, 1 DVD Drive, 3 PCI Slots<br>• Key Board – 110 keys MM<br>• Optical USB Mouse<br>• Graphics – Intel GMAX 4500 onboard graphics.<br>• Chipset – Mobile Intel H61 Chipset<br>• WLAN – 802.11b/g / WLan Card<br>• Optical Drive – 22XDVD+/-RW (SATA) with dual layer write capabilities.<br>• 19" LED Monitor<br>• Operating system – Genuine Windows XP / Windows 7 64 Bit | | |
| **2) CAMERAS:**<br>1. C-Mount Cameras.<br>1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 48, 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 40 - 50 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.<br>2. Bullet Cameras.<br>1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 48, 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 40 - 50 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. | | |
| **3) CASING AND CABLES**<br><br>High quality Casing and Cables should be provided. | | |
| **4) 4/8 Channel H.264 PC based DVR Card**<br>As per Technical Details given in Annexure-I | | |

**AUTHORISED SIGNATORY OF THE COMPANY WITH SEAL**

**Place:**
**Date:**

**ANNEXURE –II**

**MODEL-IV : PC BASED CCTV SYSTEM – RENTAL BASIS**

**TECHNICAL BID: (REFER TECHNICAL DETAILS FOR MODELS)**
**NO ALTERATION PERMITTED IN THE FORMAT BELOW**

| **PARTICULARS** | **COMPLIED (YES/NO/PARTIAL)** | **REMARKS (In case No/Partial** |
|---|---|---|
| **1) PC CONFIGURATION:**<br>• 2nd generation Intel core i3 2120 (3.3 Ghz, 3 MB cache) system<br>• 2 GB DDR-3 SD Ram, 1333 MHz Memory for 4 Cameras<br>• 4 GB DDR-3 SD Ram, 1333 MHz Memory for 8 Cameras<br>• 2 Tera Byte Sata Hard Disk 30 GB/s for 4 Cameras<br>• 4 Tera Byte Sata Hard Disk 30 GB/s for 8 Cameras<br>• Micro ATX Cabinet<br>• Audio – Realtek ALC883, 6 CH High Definition Audio Codec<br>• On Board LAN – 10/100/1000 Mbps Gigabit Ethernet<br>• I/O Ports: 1 PS/2 Key Board, 1 PS/2 Mouse, 8 USB 2.0 Ports, 1 LAN Port, 1 VGA Port, 1 DVD Drive, 3 PCI Slots<br>• Key Board – 110 keys MM<br>• Optical USB Mouse<br>• Graphics – Intel GMAX 4500 onboard graphics.<br>• Chipset – Mobile Intel H61 Chipset<br>• WLAN – 802.11b/g / WLan Card<br>• Optical Drive – 22XDVD+/-RW (SATA) with dual layer write capabilities.<br>• 19" LED Monitor<br>• Operating system – Genuine Windows XP / Windows 7 64 Bit | | |
| **2) CAMERAS:**<br>1. C-Mount Cameras.<br>1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 48, 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 40 - 50 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.<br>2. Bullet Cameras.<br>1/3" Sony CCD image sensor and DSP with high resolution of minimum 600 TVL with IR & IR illumination. No.of IR Led's: 48, 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 40 - 50 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. | | |
| **3) CASING AND CABLES**<br>High quality Casing and Cables should be provided. | | |
| **4) 4/8 Channel H.264 PC based DVR Card**<br>As per Technical Details given in Annexure-I | | |

**AUTHORISED SIGNATORY OF THE COMPANY WITH SEAL**

**Place:**
**Date:**

**ANNEXURE-III**

**MODEL-I : DVR BASED CCTV SYSTEM – OUTRIGHT PURCHASE**

**PRICE BID FOR 4CHANNEL DVR**

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

4channel DVR with 4cameras, cable, conduit, BNC connectors Power adapters and all other accessories including installation and training

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

| |
|---|
| |

**Signature & Seal of the vendor**

**PRICE BID FOR 8CHANNEL DVR**

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

8 channel DVR with 8 cameras, cable, conduit, BNC connectors Power adapters and all other accessories including installation and training

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

| |
|---|
| |

**Signature & Seal of the vendor**

**ANNEXURE-III**

**MODEL-II : DVR BASED CCTV SYSTEM – RENTAL BASIS**
**PRICE BID FOR 4/8 CHANNEL DVR**

| DESCRIPTION | COST |
|---|---|
| Monthly Rent for 4 Cameras&DVR | |
| Monthly Rent for 8 Cameras&DVR | |
| One time Cabling Charges | |

**Signature & Seal of the vendor**

**ANNEXURE-III**

## MODEL III:PC BASED CCTV SYSTEM – OUTRIGHT PURCHASE

### PRICE BID FOR 4 CAMERAS PC BASED

| Item | Qty | Unit price | Total price |
|---|---|---|---|
| PC with 2 TB HDD, 2 GB RAM | 1 | | |
| 1/3 IR 600 TVL C-Mount Cameras | 2 | | |
| 1/3 IR 600TVL Bullet Cameras | 1 | | |
| 1/3 IR 600TVL IR Camera | 1 | | |
| 4 Channel H.264 DVR Card | 1 | | |
| Cable with conduit | 100meters | | |
| Power adapters | 4 | | |
| AMC Charges | | | |
| | | | |

PC with 2 TB HDD with 4cameras, DVR Card, cable, conduit, BNC connectors Power adapters and all other accessories including installation and training

Total Package cost for 4 Camera PC based CCTV System in figures & words:

| |
|---|
| |

**Signature & Seal of the vendor**

### PRICE BID FOR 8 CAMERAS PC BASED

| Item | Qty | Unit price | Total price |
|---|---|---|---|
| PC with 4TB HDD, 4 GB RAM | 1 | | |
| 1/3 IR 600 TVL C-Mount Cameras | 3 | | |
| 1/3 IR 600TVL IR Camera | 1 | | |
| 1/3 IR 600 TVL Bullet Cameras | 4 | | |
| 8 Channel H.264 DVR Card | 1 | | |
| Cable with conduit | 200meters | | |
| Cabling Charges | | | |
| Power adapters | 8 | | |
| AMC Charges | | | |
| | | | |

PC with 4TB HDD with 8 cameras, DVR Card, cable, conduit, BNC connectors Power adapters and all other accessories including installation and training

Total Package cost for 8 Camera PC based CCTV System in figures & words:

| |
|---|
| |

**Signature & Seal of the vendor**

**MODEL IV:PC BASED CCTV SYSTEM – RENTAL BASIS**

**PRICE BID FOR 4/8 CAMERAS PC BASED**

| DESCRIPTION | COST |
|---|---|
| Monthly Rent for PC with 2 TB HDD | |
| Monthly Rent for 4 Cameras | |
| Monthly Rent for PC with 4 TB HDD | |
| Monthly Rent for 8 Cameras | |
| One time Cabling Charges | |

**Signature & Seal of the vendor**

**ANNEXURE –IV**

| Sl. No. | Item | Total Quantity Required |
|---|---|---|
| 1. | 4 CH Network DVR | 190 Nos.(Approx.) |
| 2. | 8 CH Network DVR | 30 Nos. (Approx.) |
| 3. | Cameras | 900 Nos. (Approx.) |
| 4. | PCs with 2 TB HDD | 190 Nos.(Approx.) |
| 5. | PCs with 4 TB HDD | 30 Nos. (Approx.) |

We agree that:

1) The above-mentioned components are in terms with the Technical Details as enclosed.
2) The items are to be supplied to the Branches/ Offices spread among 5 Districts viz., Adilabad, Karimnagar, Nizamabad, Ranga Reddy & Hyderabad of AP.
3) If price of any item is not quoted, the next highest unit price quoted by the other vendors for that item is taken for calculation purpose.

**AUTHORISED SIGNATORY OF THE COMPANY WITH SEAL**

**Place:**

**Date:**

**ANNEXURE-V**

## LIST OF BRANCHES, REGIONAL OFFICES:

| HYDERABAD | ADILABAD | KARIMNAGAR | NIZAMABAD |
|---|---|---|---|
| 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 |
| Regional Office | Regional Office | Regional Office | Regional Office |