

Dear Sir/ Madam,

Invitation of quotations for Non comprehensive Annual Maintenance Contract of existing CCTV & Integrated Fire cum Burglar Alarm systems and new installation of CCTV & Alarm System at the Bank Branches under Bangalore Zone for three years

UCO Bank, Zonal Office Bangalore invites sealed technical and commercial bids for Maintenance of Existing CCTV & Alarm systems at various Branches & ATM's under Bangalore Zone and Supply & Installation /replacement of the existing systems where ever is required under this Zone located in various Districts of Karnataka. Branch list enclosed.

The time schedule for submission of RFQ is as under:- **PRE BID MEETING :30/11/2021 at 1100 Hrs. You are advised to submit the financial Bid as per this letter.**

1	Last date, time & place for submission of Price Bid	03/12/2021 up to 1100 hrs at General Administration Department, UCO Bank Zonal Office, 13/22, KG Road, Bangalore- 560009
2	Date, Time & Place for opening of Technical Bid	03/12/2021 at 1130 hrs at General Administration Department, UCO Bank, Zonal Office, 13/22, KG Road, Bangalore- 560009

In case the specified date of submission and opening of bids is declared as holiday in the State of Karnataka, the bids will be received till the specified time on next working day and will be opened at 1130 Hrs on the same day.

Technical Bids will be opened in presence of the bidders' representatives (Max. two) who chose to attend the bid opening process.

Vendors who agree to all the terms and conditions should only participate in the RFQ. Details of the Request for Proposal are enclosed.

1. Bid Documents:

The Bid Documents should be in two parts, i.e. Technical & Price Bid. Both the parts must be submitted in separate sealed envelopes super scribing 'DOCUMENTS FOR SUPPLY, INSTALLATION, COMMISSIONING AND MAINTENANCE OF CCTV & ALARM SYSTEM WITH STANDALONE DIGITAL VIDEO RECORDER' on the top of the envelope containing documents and 'FINANCIAL BID FOR SUPPLY, INSTALLATION, COMMISSIONING AND MAINTENANCE OF CCTV & ALARM SYSTEM WITH STANDALONE DIGITAL VIDEO RECORDER' on the top of the envelope containing Price Bid. These two separate sealed envelopes clearly marked with the reference number and date given hereinabove should be put together in another sealed envelope super scribing 'DOCUMENTS & BIDS FOR SUPPLY, INSTALLATION, COMMISSIONING AND MAINTENANCE OF CCTV & ALARM SYSTEM WITH STANDALONE DIGITAL VIDEO RECORDER' mentioning reference number and date given hereinabove.

The bidders should exercise due care in submitting the documents & bid properly filed so that the papers are not loose. The documents & bid should be properly numbered serially and submitted in a file in proper manner so that the papers do not bulge out and tear during scrutiny.

2. Evaluation of Bids:

Technical bid would be opened first, bidders who qualified in the evaluation of their eligibility bid are only considered for empanelment & evaluation of their price bids.

Bank reserves the right to reject any/all bids without assigning any reason thereto. Bidders can witness the tender opening process through their authorized representative of schedule date & time. We are not bound to hold the process of opening of tender due to absence of representative of any or all of the bidders at the time of opening of bids.

3. Allotment of work:

Price bids of eligible bidders would be comparatively evaluated & lowest bid (L-1) would be decided on the basis of price quoted by bidders in Price Bid- Part 1 and Part 2). Work would be allotted to lowest (L-1) bidder; bank may distribute the work among other eligible bidder/s **(CCTV/Alarm Systems separately)** at the lowest rate. In that case major share of work would be allotted to lowest bidder. Bank reserves the right to negotiate with lowest bidder.

**AGM & Deputy Zonal Head,
Zonal Office Bangalore**

Appendix 'A'

OTHER TERMS AND CONDITIONS

1. Liabilities of the Bank:

The invitation of Tender does not carry any contractual obligation for purchase of the equipment. Contractual obligation shall arise only when a formal contract is signed and executed by the duly authorized Officers of the Bank and the vendor.

2. Modification and Withdrawal of offer:

a. **Modification** will not be allowed once offer is submitted. However vendors are permitted to withdraw their offer any time before the date and time of closing of the commercial bid/tender.

b. No offer can be modified by the vendor subsequent to the closing date and time for submission of offer.

3. No Commitment to Accept Lowest or Any Bid:

UCO Bank shall be under no obligation to accept the lowest or any other offer received in response to this RFQ and shall be entitled to reject any or all offers including those received late or incomplete without assigning any reason whatsoever. UCO Bank reserves the right to make any changes in the terms and conditions of purchase. UCO Bank will not be obliged to meet and have discussions with any vendor, and or to listen to any representations.

4. Signing of Contract:

The successful bidder(s) shall be required to enter into a contract with UCO Bank, within two weeks of the award of the bid.

5. Erasures and Alterations of offer:

The offer shall be printed/ typed. Offers handwritten /erased/ with alterations will not be considered.

6. Right to Alter Quantities:

Bank reserves the right to alter the quantities specified, based on its operational requirements and plans.

7. Hardware Warranty:

- a. The offer must include a minimum two-year warranty from the date of installation of the CCTV and Alarm system at the Bank.
- b. The vendor shall be fully responsible for the manufacturer's warranty in respect of proper design, quality and workmanship. The vendor must warrant all equipment/s and accessories.

8. Annual Maintenance Charges:

- a. During the AMC period, quarterly one visit is mandatory, other than the 4 visits any number of emergencies /repair/breakdown calls will be attended free of cost.
- b. During the AMC period, vendor is required to maintain, repair and replace any defective or any failed components of the CCTV/Alarm system at rate contract price.
- c. During AMC period the vendor is required to perform 'Preventive Maintenance' on quarterly basis and any numbers of Break Down call (if any) and submit call reports without fail. No advance payment for AMC shall be made by the Bank. Payment shall be paid in Quarterly basis on submission of quarterly service reports. Bank has the right to withhold the payment of AMC for Non-performance or non-submission of reports.

9. Spare Parts:

If any of the peripherals/components are not available during the warranty/AMC period, the substitution shall be carried out with peripherals/components of equivalent or higher capacity. Spare parts should be made available within a period of maximum **3 days** even at the remotest Branch location.

10. Hardware Failure:

If, during the warranty period, any equipment fails to function properly four or more times during a quarter due to any reason except force majeure event, the vendor shall arrange replacement of the same by new equipment of same or higher configuration, at no cost to the Bank.

11. Local Support:

For all other locations it is required that vendor is able to meet service and support requirements as specified in this tender. The support may be provided from a nearby location/city (direct presence or through authorized agent). The vendor shall be directly responsible for the service requirements through authorized agent.

The vendors are also required to submit along with their offer a detailed support plan providing complete details in terms of address of the support center, number of service engineers available along with their Names, Telephone/Mobile numbers, fax number.

12. Trouble Shooting:

Any CCTV/ Alarm system including the software components/hardware equipments that are reported to be down on a given date should be repaired immediately. The downtime should not exceed 48 hours from the time of registering a complaint in cities and within 3 days in other centers.

- a) In case the vendor fails to meet any one of the above dead line of reporting for maintenance, there will be a penalty of Rs. 100/- (Rupees hundred only) per day per CCTV/Alarm system reported to be down.
- b) The fault reporting by the Bank and or its representative or agent will be through a telephonic message or any other mode as the Bank may decide.
- c) In case if the L – 1 bidder fails to comply with the terms of work order which shall be issued, the contract shall be terminated and awarded to the next bidder L – 2, L-3 respectively for execution of the same terms and conditions.

13. Penalties:

There will be a penalty of Rs. 200/- per incidence per unit if the Vendor fails to install the units instructed to be delivered within the time limit specified in the work order.

14. Site Preparation:

Vendor should complete the installation by placing/locating camera, accessories appropriately as per the furnishing at the site in consultation with the Zonal Security Officer and Branch Manager. The Bank will not provide any additional equipment/component/support for completion of the installation of the site. The equipment shall be connected to the UPS available at the Branch.

15. Manuals and software:

The vendor will supply all the related documents and software with CCTV /Alarm equipments. These will include user manual, operation manuals etc.

16. Training:

The vendor shall provide necessary and adequate training to the staff Members of the Bank regarding the operation of the system.

17. Opening of Offers:

The commercial bids will be opened on **03/12/2021 at 1130hrs** in the presence of the Bidders / their authorized representatives. No separate intimation will be given in this regard to the Bidders for deputing the representative.

18. No Price Variations:

The commercials shall be on a fixed price basis. No upward revision in the price would be considered on account of subsequent increased in Government taxes, customs duty, Excise Tax, Sales Tax. Etc. However, if there is any reduction on account of Government levies / taxes, during the offer validity period, the same shall be passed on to the Bank.

19. Price Bid:

- a. Bidder should quote for all the items for which bid is invited. L1 bidder will be decided based on grand total of Part-1 and Part-2. In case there is a totaling error the unit rate will be considered for calculation.
- b. The Bidder who has not quoted as per the format and terms and conditions may not be considered for evaluation.
- c. If the rate of any item is missed out during the totaling process, the rate of the highest bidder will be considered for that particular item.
- d. Bids submitted after the specified time and date mentioned in Page1 will not be considered.
- e. Bids should be submitted in a sealed envelope.
- f. Bids submitted via email will not be accepted.
- g. Products used should be of superior quality. Payment will not be made for inferior/refurbished products.

20. Certification:

- 21. All products i.e. cameras, DVR, Alarm Panel etc should carry quality certification i.e. CE, FCC and UL. Copies of the same will be enclosed and all cables and PVC conduit should be ISI market

22. Price Freezing:

The price finalized shall remain valid for a period of three years from the date of such finalization / supply of equipment or material with the option to the Bank to review the price, if necessary.

23. Confidentiality:

- a. The information given to the selected vendor is confidential and is for the use of the vendor to whom the work order will be issued. Software in human-readable form (e.g. source code) and the Bank's data stored in DVR system is considered as confidential information whether or not marked as such.
- b. Each party i.e. the Bank and the Vendor, shall treat the other party's information as confidential and shall take necessary steps to prevent the disclosure of the other's confidential information to third parties.
- c. Both the parties shall keep confidential the contents of order/agreement, including the price information.

24. Indemnity to Bank:

- a. The vendor shall indemnify, protect and save the Bank against all claims, losses, costs, damages, expenses, action suits and other proceedings, resulting from infringement of any patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the CCTV/Alarm System supplied by the Vendor.

b. Vendor shall provide Support for retrieval of CCTV footage for dispute resolution, as and when required at no additional cost.

25. Force Majeure:

The vendor shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that it's delay in performance or other failure to perform its obligations under the contract is the result of an event of force Majeure. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Vendor and not involving the vendor's fault or negligence and not foreseeable. Such events may include, but are not limited to, Acts of God or of public enemy, acts of Government of India in their sovereign capacity, acts of war, acts of UCO Bank in fires, floods and freight embargoes. If a Force Majeure situation arises, the Vendor shall promptly notify UCO Bank in writing of such conditions and the cause thereof within twenty calendar days. Unless otherwise directed by UCO Bank in writing, the Vendor shall continue to perform its obligations under the Contract as far as it is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. In such a case, the time for performance shall be extended by a period(s) not less than the duration of such delay. If the duration of delay continues beyond a period of one month, UCO Bank and the vendor shall hold consultations with each other in an endeavor to find a solution to the problem. Notwithstanding above, the decision of UCO Bank shall be final and binding on the vendor.

26. Resolution of Disputes:

UCO Bank and the vendor shall make every effort to resolve amicably, by direct informal negotiation, any disagreement or dispute arising between them under or in connection with the contract. If after thirty days from the commencement of such informal negotiations, UCO Bank and the Vendor have been unable to resolve amicably a contract dispute; either party may require that the dispute be referred for resolution by formal arbitration.

27. Arbitration:

In case of any dispute or difference arising out of or in connection with or in carrying out of the work (whether during the progress of the work or after completion and whether before or after the determination, abandonment or breach of contract) except as to any of the excepted matters provided hereunder the parties hereto, shall first endeavor to settle such disputes or differences amicably. If both the parties fail to reach such amicable settlement, all the disputes or differences shall be finally settled by arbitrator. The venue of arbitration shall be Bangalore, INDIA.

28. Jurisdiction:

The jurisdiction of the courts, in case of any dispute, shall be Bangalore only.

Signature and Seal of the bid

Annexure -A

UNDERTAKING

I / We further hereby declare that I / We have not been black-listed or otherwise debarred/ terminated by any Bank / Financial Institution / Central Government / State Government/any Central or State Undertaking or Corporation / Reserve Bank of India or any other Regulatory Authority or any other Statutory Authority as on date of the publication of this Tender / Procurement.

I also declare that all the information /Data /documents submitted by me is true & if at any point found false, Bank shall have the liberty to take any action which deem fit to re -compensate its loss at any point of time.

Signature with Seal of Bidder

Attested by Notary

AGREEMENT

THIS AGREEMENT is made on the day of 2021 BETWEEN with UCO Bank, a body corporate, constituted under the Banking Companies (Acquisition & Transfer of Undertakings) Act, 1970 as amended from time to time having its Zonal Office at 13/22, KG Road, Bangalore- 560009 (Hereinafter called as "Bank" which expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its assigns and successors) of the "One Part". AND a proprietorship Company-, having its Office/registered Office atrepresented by its sole proprietor, son of, residing at Dist-, (hereinafter referred to as "Contractor" which term or expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include each of its legal representatives, successors, executors, administrators and assigns) on the OTHER PART.

WHEREAS, the Bank has agreed for awarding / entrusting the works relating to non comprehensive Annual Maintenance Contract (AMC) of existing CCTVs and Digital Fire cum Burglar Alarm system along with supply & install (as and when required) of CCTV and Digital Fire cum Burglar Alarm system at Bank Branches, ATMs & Currency Chests on the terms and conditions set forth hereinafter in the Schedule hereto

AND WHEREAS In this agreement words and phrases and expressions shall assume the same meaning as are respectively assigned to them in the conditions of Contract and they shall be deemed to form and be read and construed as part of this agreement.

AND WHEREAS the following documents also shall be deemed to form and read and construed as part of this Agreement, viz.

i) Original tender / RFQ documents duly signed

ii) Relevant correspondence - all letters / correspondence forming part of contract, as referred to in acceptance letter

iii) Acceptance Letter /Letter of Intent

iv) Price Bid

AND WHEREAS the aforesaid documents shall be taken as complementary and mutually explanatory of one another, but in the case of ambiguities or discrepancies the latest documents issued by the Bank shall prevail over earlier documents.

AND WHEREAS in consideration of the payment to be made by the UCO Bank to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the UCO Bank to perform, execute, complete and maintain the at Bank Branches, ATMs & Chests as per all the terms and conditions mentioned in the work order Reference No. Dated, which is a part of this Agreement and remedy the breaches in conformity in all respect with the provisions of the Contract document.

AND WHEREAS The UCO Bank hereby covenants to pay the contractor in consideration of the execution, completion and maintenance of the works and services and in the remedying the breaches wherein the Contract Price or such other sums as may become payable under the provisions of the Contract hereunder at the time(s) and in the manner prescribed by the Contract as well as in the said condition and price schedule of quantities / bill of quantities prescribed in the contract.

AND WHEREAS the tender documents under which this Agreement is signed shall be deemed to form and be read and construed as part of this Agreement.

AND WHEREAS this agreement will remain enforceable and valid for three years from to, after completion of the period of three years, the Bank at its own discretion may renew the contract on the same terms and conditions if –

NOW, IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO as under:

1. Consideration and/or Fees: The charges and/or payment consideration shall be determined in accordance with the terms of the Work Award as more fully and particularly mentioned in the Schedule written herein after. The contract charges will remain unchanged for entire contract period.

2. Scope of Works, Duties, Terms and conditions and Compensation: The Contractor's duties, terms of engagement, compensation and provisions for payment thereof shall be as set forth in the Schedule written hereinafter which may be amended in writing from time to time, or supplemented with subsequent estimates for services to be rendered by the Contractor and to be agreed by the Bank which may be amended by Bank in writing from time to time or supplement with subsequent estimates for service to be rendered by the contractor and to be agreed upon by the contractor. Scope of work will be governed as per detailed stipulation in Work Order.

Written Reports: The Contractor shall submit written reports to the Bank on a monthly basis in respect of the individual nature of maintenance and new installation work done/performed.

4. Inventions: Any and all properties and the materials to be available during this engagement relating to the duties under this Agreement shall be the exclusive property of the Bank and the Contractor hereby assigns all right, title, and interest in the same to the Bank. Any and all Properties and the materials to be received by the Contractor prior to the term of this Agreement and utilized by the Contractor in rendering duties to the Bank are hereby licensed to the Bank for use in its operations and for an infinite duration. This license is non-exclusive, and may be assigned without the Contractor's prior written approval by the Bank to a wholly-owned subsidiary of the Bank.

5. Confidentiality: The Contractor acknowledges that during the engagement, Contractor will have access to and become acquainted with various trade secrets, information, records and specifications owned or licensed by the Bank and/or used by the Bank in connection with the operation of its business including, without limitation, the Bank's business and product processes, methods, customer lists, accounts and procedures, the Contractor agrees that the Contractor will not disclose any of the aforesaid, directly or indirectly, or use any of them in any manner, either during the term of this Agreement or at any time thereafter, except as required in the course of this engagement with the Bank with prior written permission from the Bank. All files, records, documents, blueprints, specifications, information, letters, notes, media lists, notebooks, and similar items relating to the business of the Bank, whether prepared by the Contractor or otherwise coming into the possession of the Contractor, shall remain the exclusive property of the Bank. The Contractor shall not retain any copies of the foregoing without the Bank's prior written permission. Upon the expiration or earlier termination of this Agreement, or whenever requested by the Bank, the Contractor shall immediately deliver to the Bank all such files, records, documents, specifications, information, and other items in his possession or under the control of the Contractor. The Contractor further agrees that the Contractor will not disclose his retention as an independent contractor or the terms of this Agreement to any person without the prior written consent of the Bank and shall at all times preserve the confidential nature of his relationship to the Bank and of the services for which he/she, they are engaged.

6. Conflicts of Interest; Non-hire Provision: The Contractor represents that the Contractor has entered into this Agreement and/or engagement and agreed to abide by the terms of this agreement between the Contractor and the Bank according to its own desire and wish and volition. Further, the Contractor, in rendering his/her/their duties shall not utilize any trade secret in which the Contractor does not have a proprietary interest. During the term of this agreement, the Contractor shall devote as much of his productive time, energy and abilities to the performance of his/her/their duties hereunder as is necessary to perform the required duties in a timely and productive manner.

7. Right to Injunction: The parties hereto acknowledge that the services to be rendered by the Contractor under this Agreement and the rights and privileges granted to the Bank under the Agreement are of a special, unique, unusual, and extraordinary character which gives them a

peculiar value, the loss of which cannot be reasonably or adequately compensated by damages in any action at law, and the breach by the Contractor of any of the provisions of this Agreement will cause the Bank irreparable loss, injury and damage, the Contractor expressly agrees that the Bank shall be entitled to injunctive and other equitable relief in the event of or to prevent, a breach of any provision of this Agreement by the Contractor. Resort to such equitable relief, however, shall not be construed to be a waiver of any other rights or remedies that the Bank may have for damages or otherwise. The various rights and remedies of the Bank under this Agreement or otherwise shall be construed to be exclusive of any other or of any right or remedy allowed by law.

Termination of Contract:

8.1 The UCO Bank may terminate the Contract, if the other party causes a fundamental breach of the Contract.

8.2. Fundamental breaches of Contract include, but shall not be limited to, the following:

- (i) The Contractor stops work for three days, when no stoppage of services is instructed and the stoppage has not been authorized by the UCO Bank or his nominee,
- (ii) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction restructure or amalgamation,
- (iii) If the Contractor, in the judgment of the UCO Bank, has engaged in corrupt or fraudulent practices in

Competing for or in the executing the Contract.

For the purpose of this paragraph: "**corrupt practice**" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. "**Fraudulent practice**" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the UCO Bank, and includes collusive practice. Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the UCO Bank of the benefits of free and open competition."

8.3. When the UCO Bank gives notice of a breach of contract to the Contractor for a cause other than those listed above, the UCO Bank shall decide whether the breach is fundamental or not.

8.4. If the Contractor or any of its employee is convicted for any crime or offense, fails or refuses to comply with the written policies or reasonable directives of the Bank, is guilty of serious misconduct in connection with performance hereunder, or materially breaches provisions of this Agreement, the Bank at any time may terminate the engagement of the Contractor immediately and without giving prior written notice to the Contractor.

8.5. In case of non-compliance or breach of any terms of contract or unsatisfactory or inefficient servicing on the part of the Contractor, the UCO Bank will be at liberty to revoke the contract without giving any notice.

8.6 Effect of termination of contract:

a) On termination of Agreement, the irrevocable Bank Guarantee as Performance Security will be invoked by the UCO Bank and proceeds thereof to be forfeited and to enforce the bond of indemnity without prejudice to its rights & contentions available under the law for the time being in force to the UCO Bank

b) If the Contract is terminated, the Contractor shall stop service immediately, make the Site safe and secure and leave the Site after ensuring proper handing over the charge, as soon as reasonably possible.

8.7. Termination for Default. The UCO Bank may, without prejudice, to any other remedy for breach of contract, by giving 30 (thirty) days written notice of default to the Contractor, terminate the contract in whole or in part if: a)

The qualified Contractor fails to deliver any or all of the obligations within the time period(s) specified in the contract, or any extension thereof granted by the UCO Bank.

b) The qualified Contractor fails to perform any other obligation(s) under the contract.

8.8. Termination for Insolvency, Dissolution etc. The UCO Bank may at any time terminate the contract by giving written notice to the Contractor without any cost or compensation therefore, if the Contractor becomes bankrupt or otherwise insolvent or in case of dissolution of firm or winding up of company, provided that such termination will not prejudice or effect any right of action or remedy which has accrued thereafter to the UCO Bank.

8.9. Termination for Convenience: The UCO Bank reserves the right to terminate by giving 30 (Thirty) days written notice, the whole or part of the contract without any cost or compensation therefore. The notice of termination shall specify that termination be for the UCO Bank's convenience, the extent to which performance of work under the contract is terminated and the date on which such termination becomes effective.

8.10. No Claim Certificate: The qualified Contractor shall not, be entitled to make any claim, whatsoever, against the UCO Bank under or by virtue of or arising out of this contract nor shall the UCO Bank entertain or consider any such claim after Contractor shall have signed a "no claim" certificate in favour of the UCO Bank in such forms as shall be required by the UCO Bank after the works are finally accepted.

8.11. Suspension :The UCO Bank may, by a written notice of suspension, suspend all payments to the Contractor under the contract, if the Contractor fails to perform any of its obligations under this contract, (including the carrying out of the services) provided that such notice of suspension:

a) Shall specify the nature of the failure and

b) Shall request the Contractor to remedy such failure within a specified period from the date of issue of such notice of suspension.

8.12. Protection & Limitations:

i) Contractor (the "Indemnifying Party") undertakes to indemnify the UCO Bank (the "Indemnified Party") from and against all losses, claims or damages including losses, claims or damages on account of bodily injury, death or damage to any tangible assets.

ii) There shall be no limitation of liability in case of any damages for bodily injury (including death) and damage to real property and tangible personal property as also intangible personal property and intellectual property rights. Personnel assigned by Contractor to perform the Services shall be employees of Contractor, and under no circumstances will such personnel be considered employees of Bank. Contractor shall have the sole responsibility for supervision and control of its personnel and for payment of such personnel's entire compensation, including salary, worker's compensation, employee and disability benefits and shall be responsible for all employer obligations under all applicable laws.

iii) The Contractor shall provide indemnity towards any damage, misdemeanor of the Contractor employees or authorized personnel to the UCO Bank. Further the UCO Bank shall not be responsible for any payments, statutory obligations like insurance cover, PF, etc., for accident, mishap, handicap and/or death

8.13. Payment upon Termination: If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the UCO Bank shall issue a certificate for the value of the services done, less Liquidated damages / penalty up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable laws and less the percentage to apply to the services not completed as indicated in the Contract Document. If the total amount due to the UCO Bank exceeds any payment due to the Contractor, the difference shall be a debt payable to the UCO Bank by the contractor which will be paid by the Contractor within thirty days from the date of demand otherwise the Bank Guarantee will be invoked and the proceeds will be appropriated and forfeited.

9. Independent Contractor: This Agreement shall not render the Contractor to be an employee, partner, agent of or joint venture with the Bank for any purpose. The Contractor is and will remain an independent contractor in its relationship to the Bank. The Bank shall not be responsible for withholding taxes with respect to the Contractor's compensation hereunder. The Contractor shall have no claim against the Bank hereunder or otherwise for vacation pay, sick leave, retirement benefits, social security, worker's compensation, health or disability benefits, unemployment insurance benefits, or employee benefits of any kind of his/her/their employees.

10. Choice of Law: The laws shall be governed by the laws prevailing in India during validity of this Agreement.

11. Exclusive Jurisdiction Clause: Both the parties agree Court(S) of Bangalore shall have exclusive jurisdiction to hear, settle and /or determining any dispute, controversy of claim (including any non –contractual dispute. Controversy or claim) arising out of or in connection with this agreement.

12. Resolution of Disputes: The parties shall use their best efforts to amicably settle all dispute(s) / difference(s) arising out of or in connection with the contract in the following manner:-

a. The party raising the dispute(s)/ difference(s) shall address to the other party a notice requesting an amicable settlement of the dispute(s)/difference(s) within seven (7) days of receipt of the notice.

b. In case the dispute(s)/difference(s) is not resolved by amicable settlement, the matter will be referred for informal negotiation between Bank and the Vendor. The matter shall then be resolved by them and the agreed course of action shall be documented within a further period of 30 days.

c. The parties agree that if the dispute (s)/ difference (s) between the parties is not settled by negotiation in the manner described hereinabove, the same shall be resolved through arbitration by a panel of three arbitrators. Each party shall appoint one arbitrator of its own choice and two appointed arbitrators shall appoint the third arbitrator who will act as the presiding arbitrator. The place of arbitration shall be at Bangalore.

Notwithstanding the existence of any dispute (s)/difference(s) between the parties or the subsistence of any arbitration or other proceedings, the Vendor shall not be entitled to suspend the service (s) or withhold the job and shall continue to render service(s) or take all necessary steps to complete the job in accordance with the tender & Agreement.

13. Non Assignment: The contractor shall agree to neither the subject matter to the agreement* nor any right here in shall be transferred, sub-contracted, assigned or delegated to any third party by the successful contractor without prior written consent of the Bank.

14. Compliance to laws: The Contractor shall conform to the provisions of Law(s), Bye- Law(s), Regulation(s), Notification (s) etc. relating to the work for the time being in force. He shall also obtain all necessary permission / approval / NOC from the Competent Authorities for completion of the said work, if required under the existing rules.

15. Notices: Any and all notices, demands, or other communications required or desired to be given hereunder by any party shall be in writing and shall be validly given or made to another party if personally served, or dispatched through the registered Post or any other mode. If such notice or demand is served personally, notice shall be deemed constructively made at the time of such personal service.

If such notice, demand or other communication is given by mail, such notice shall be conclusively deemed given seven days after dispatch thereof in the mail addressed to the party to whom such notice, demand or other communication is to be given as follows:-

If to the Contractor: ... a proprietorship concern a Company, having its office at

If to the Bank: DGM & Zonal Head, UCO Bank, Zonal Office Bangalore- 560009.

Any contractor hereto may change its address for purposes of this paragraph by written notice given in the manner provided above furnishing documentary evidence.

16. Modification or Amendment: No amendment, change or modification of this Agreements hall be valid, unless is in writing signed by the both parties thereto.

17. Entire Understanding: This document and any schedule attached thereto constitute the entire understanding and agreement of the parties, and any and all prior agreements, understandings, and representations are hereby terminated and cancelled in their entirety and are of no further force and effect.

18. Unenforceability of Provisions: If any provision of this Agreement, or any portion thereof, is held to be invalid and unenforceable, then the remainder of this Agreement shall nevertheless remain in full force and effect.

19. Terms and Conditions and Obligations of the Contractor:

- a. To perform the job as per the assignment, details of which are given in the agreement.
- b. The workmen to be engaged by the contractor shall be skilled in the respective field of work.
- c. The Contractor shall decide the number of workmen required for the completion of the job.
- d. The persons to be engaged by the contractor shall abide by the instructions that may be given from time to time and should not indulge themselves in other matters / activities.
- e. The Contractor shall decide the working conditions of his workmen and shall decide about their salary and other service conditions and payment thereof.
- f. The persons engaged by the contractor should be polite in their behavior and shall record instruction given by resident of the building and shall bring the same to the notice of the Officer-in- Charge, UCO Bank, General Administration Department for carrying out the instructions.
- g. The persons engaged by the contractor shall be its own workmen/employees and cannot be deemed as Bank's employees. Any dispute / resentment of the persons engaged by the contractor are to be sorted out by the contractor and the maintenance services shall not be hampered in any case.
- h. The contractor has to pay his workmen/employees minimum wages as governed by Central Government wages rates and any complain regarding non-payment of central Government minimum wages shall attract termination of the services of the contractor after serving due notice. It is the responsibility of the contractor to adhere to Central Minimum wages Act in all respect during the entire contract period.
- i. In case of absence of any person / persons of the contractor for a particular work on any specified day, penalty at the double rate of the services charge paid to the contractor shall be imposed on the contractor for such absence on the part of the workmen of the contractor.
- j. The Contractor also will decide and take disciplinary action against the workman if he is found to have committed any acts of misconduct and take disciplinary action as deemed necessary including discharge or dismissal after compliance with the labour law.
- k. Rate quoted will be valid up to completion of contract period and will not bear any additional cost. Contractor must not sub-let any portion of the contract.
- l. The contractor shall discharge obligations as provided under various applicable statutory enactments including the Employees Provident Fund & Miscellaneous Provisions Act, 1952, the Employees State Insurance (ESI) Act, 1948, the Contract Labour (Regulation & Abolition) Act, 1970, the Inter-State Migrant workman (Regulation of employment & conditions of Service) Act, 1979, The Minimum Wages Act, 1948, the Payment of Wages Act, 1936, The Workmen's Compensation Act, 1923 and other relevant Act, Rules and Regulations, instructions etc. issued / enforced from time to time, as amended up-to-date.

- m. The payment will be released on submission of the following certificate by the contractor/s:
- i. We are maintaining proper records w.r.t. payment of wages and statutory dues to all our employees and the same are being paid.
 - ii. That we have paid the minimum wages to all the workers employed by us as per the wages announced by Government of National Capital of Delhi vide their latest notification. Copy of salary receipt enclosed.
 - iii. We as a contractor is following all the statutory rules and provisions as required by law and indemnify you against all the consequences arising out of this payment.

20. Period of-Contract: From to i.e. for a period of three years from the date of execution of Agreement.

21. Frequency of Payment: Quarterly Payment of service contract charges will be made by the concerned Zonal Office/ branch, against your service / installation bill to be raised after satisfactory completion of the said job. For non-attendance of operating/maintenance personnel on any day, penalty at Rs. 100/- per day will be deducted from your service bill. Successful contractor/s has to submit following documents with service/ installation bill for making payment. Other statutory deductions like income tax etc. will be deducted as per rule.

- a) Copy of Service card duly signed by Bank Official.

22 Taxes: GST on service contract charges will be inclusive in all units against service /installation bill at the rate prevailing at the time of payment of the bill.

Additional Terms & Condition on Taxes are as follows:

- a. Supplier/service provider to confirm that the GST amount charged in invoice is declared in its returns and payment of taxes is also made.
- b. The Supplier/ Service Provider agrees to comply with all applicable GST laws, including GST acts, rules, regulations, procedures, circulars & instructions there under applicable in India from time to time and to ensure that such compliance is done within the time prescribed under such laws. Supplier/Service Provider should ensure accurate transaction details, as required by GST laws, are timely uploaded in GSTN2. In case there is any mismatch between the details so uploaded in GSTN by Supplier/ Service
- c. Provider and details available with UCO Bank, then payments to Supplier/Service Provider to the extent of GST relating to the invoices/s under mismatch may be retained from due payments till such time the accurate tax amount is finally reflected in the GSTN to UCO Bank's Account and is finally available to UCO Bank in terms of GST laws and that the credit of GST so taken by UCO Bank is not required to be reversed at a later date along with applicable interest.
- d. UCO Bank has the right to recover monetary loss including interest and penalty suffered by it due to any non-compliance of tax laws by the supplier/service provider. Any loss of input tax credit to UCO Bank for the fault of supplier shall be recovered by UCO Bank by way of adjustment in the consideration payable.
- e. Supplementary invoices/debit note/credit note for price revisions to enable UCO Bank to claim tax benefit on the same shall be issued by you for a particular year before September of the succeeding financial year.
- f. The purchase order/ work order shall be void, if at any point of time you are found to be a black listed dealer as per GSTN rating system and further no payment shall be entertained.

23. The deployment of operating/maintenance personnel should comply with the prevailing rates prescribed by the Central Government notification for minimum wages.

24. Security Deposit will be forfeited in case of violation of terms and conditions of service contract by the Contractor/s and / or in case of default on the part of the Contractors to perform and observe any covenant conditions and provisions contained in the Tender Documents and Agreement of Contract.

IN WITNESS WHEREOF both the parties hereto have executed this Agreement on the Day month And year 2021 first above written. The parties hereto agree that facsimile signatures shall be as effective as if originals

Signature of Contractor with seal

Full Name:

Signature on behalf of UCO Bank

Full Name:

WITNESS: 1.

2.

MAKE & MODELS OF CCTV COMPONENTS APPROVED BY HEAD OFFICE:-

DVRs:-

Sl	Product Name	Models	Make
1	32 Channel DVR	DS 8132HWSI-SH	HIKVISION
2	16 Channel DVR	DS 8116HWI-ST	HIKVISION
3	08 Channel DVR	DS 7308HWI-SH	HIKVISION
4	04 Channel DVR	DS 7304HWI-SH	HIKVISION
5	04 Channel ATM DVR	DS-8104HWLI-ST	HIKVISION

Sl	Product Name	Models	Make
1	32 Channel DVR	DH-DVR3204HF-S1	DAHUA
2	16 Channel DVR	DH-DVR1604HF-S1	DAHUA
3	08 Channel DVR	DH-DVR0804HF-L1	DAHUA
4	04 Channel DVR	DH-DVR0404HF-S1	DAHUA
5	04 Channel ATM DVR	DH-DVR0404 AH-V(D)	DAHUA

CAMERAS:-

Sl No	Product Name	Models	Make
1	DOME IR,VERIFOCAL VANDALPROOF CAMERA	DS-2CC52A1P-VPIR2	HIKVISION
2	BULLET IR, VERIFOCAL,WEATHER PROOF CAMERA	DS-2CC11A2P-VFIR3	HIKVISION
3	PINHOLE CAMERA	DS-2CC51A2P(N)-DG1	HIKVISION

Sl No	Product Name	Models	Make
1	DOME IR,VERIFOCAL VANDALPROOF CAMERA	DH-CA-VMS35V2N3-V2	DAHUA
2	BULLET IR, VERIFOCAL,WEATHER PROOF CAMERA	DH-CA-BTS35V2A4-V3	DAHUA
3	PINHOLE CAMERA	DH-CA-P470CP-AV3	DAHUA

Monitor: LG/SAMSUNG

Sl No	TECHNICAL SPECIFICATION FOR 8,16 & 32 CHANNELS STANDALONE DVR	VENDOR'S COMPLIANCE
1	Operating System: Embedded Linux .	
2	DVR should be system embedded with H.264 video compression algorithm.	
3	Video Frame rate/speed:- 8/16/32 Channel DVR :-240/480/960fps-NTSC; 200/400/800 fps -	

	PAL.	
4	Simultaneous Live viewing, Remote viewing, Backup, recording and Playback functions: Pentaplex.	
5	Display on line resolution / Preview resolution 976*576 PAL	
6	Multiple Viewing Option (VGA/BNC).	
7	Video Inout / Loop out: 8/8, 16/16 & 32/32	
8	Video Output: 1 composite, 1 HDMI, 1 VGA, 1 Spot.	
9	Audio in / out: minimum 4/1	
	Video display:-for 8 CH-1,4,6,8; for 16 CH-1,4, 8,13,16 ; for 32 CH-1,4,8,10,13,16,25,32	
10	Recording Rate: PAL: Real Time (25 fps per channel),WD1 with all Channels recording and playback both. Player software auto download with backup on DVD.	
11	System should be robust and capable of working in 24*7 environment.	
12	System should be scalable / upgradeable.	
13	Storage Media: Built in Recording up to 90 days in real Time (25 FPS per channel)	
14	Provision for minimum 4 SATA slots for 3 HDD + DVD – RW (each SATA slot should support upto 4 TB HDD capacity).For 16/32 Channel : 8 SATA slots	
15	Data storage for 90 days. Data recycling on FIFO basis.	
16	Network Interface: Ethernet (RJ-45, 10/100 Base-Tx), External Model Via RS-232 Port, RS 485 port.	
17	Support Multi Zone Motion Detection.	
18	Support multilevel Pass Word For Operation, setup and remote Access.	
19	Support Waterproof marking to ensure tamper proof recording of images.	
20	Support tampering detection alarm function to indicate tempering of DVR / Cameras. Visual indication for local faults, disc full, malfunction etc.	
21	Support video signal loss alarm. System should do health check of all cameras.	
22	Support position configurable to OSD and LOGO.	
23	Support Real Time and Motion Based Recording.	
24	Support HDD Sleep Mode.	
25	Support FAT 32 File System.	
26	Support USB flash dish, USB DVD-RW for backup with built in DVD-RW.	
27	Support playback in various modes fast ,slow ,pause, forward, backward, frame-by-frame.	
28	Support TCP, UTP, RTP, PPPOE, Multicast, DHCP etc.	
29	Connectivity: Provision for ADSL, PSTN, Leased Line, Broad Band.	
30	Remote play back, Download the recorded files in DVR.	
31	Remote viewing through Mobile phones / and through any other PC with IP (RHMS).	
32	System should have file player software so that back up can be auto played on any PC Using Windows Media Player.	

33	Vender Should provide Central Monitoring Station (CMS) Software free of cost and this software should be compatible to CMS software of third party, as well. The system should be capable of running Remote Health Monitoring System.	
34	Power AC-100/240 V & 50 / 60 Hz.	
35	DVR housing with wall mounting 4U rack and tamperproof locking arrangement.	
36	System Should carry UL,FCC & CE certification.	
37.	HDD Inbuilt with DVR-Seagate/Western Digital Make, Surveillance Hard Disk series (AV series SvI/ SV-35.3 SvI)	
38.	Warranty: One Year	

	General Requirements	
1	Warranty for one year	
2	Post warranty AMC for 5 years	
3	Support for retrieval of images for dispute resolution at no additional cost	
4	Necessary software for retrieval of Data from the DVR Hard Disc on	
5.	Open platform with sharing of information on DVR Software Disk Kit(SDK) for CMS by any third party	
6.	UL,CE and FCC certification for imported parts/components and ISI for Indigenous parts/components	

APPENDIX-' B-2'

VARI-FOCAL DOME IR CAMERA VANDALPROOF

SL.	Vari focal dome IR Camera	Specifications	Vendors Compliance Y/N
1	Pick up Element	1/3" Super HAD-II CCD	
2	Effective Pixel	PAL: 976x582, NTSC 976x494	
3	Scanning System	2:1 interlace	
4	Sync System	Internal / External Line Lock	
5	Resolution	700 TV lines	
6	Sensitivity	0.01 lux	
7	S/N Ratio	MORE THAN 52 db. (AGC Off, F1.2)	
8	Electronic shutter	Auto: 1/50 (60) to 1/120,000sec	
9	Output	1Vpp Composite video output, 75 Ohm	
10	Lens Type	2.8 – 10 mm Auto Iris DC lens and IR corrected	
11	IR Range	20-30 mtrs	
12	Day/Night	True day/night	
13	Auto White Balance	Auto	

14	Back Light Compensation	OFF/ON SELECTABLE	
15	Automatic Gain Control	OFF/ON SELECTABLE	
16	Flicker less Mode	OFF/ON SELECTABLE (NTSC 1/100; PAL 1/200)	
17	Operating Temperature	10 to 50° C / 30 – 90% RH	
18	Power supply	12VDC/24VAC Auto Detectable	
19	Power consumption	Less than 4 watts with LED ON	
20	Working Condition 24 * 7	Support	
21	Product warranty	1 year minimum	
22	Certification	UL,CE & FCC	

APPENDIX-‘B-3’

VARI-FOCAL BULLET IR CAMERA- WEATHERPROOF

SL.	Vari focal dome IR Camera	Specifications	Vendors Compliance Y/N
1	Pick up Element	1/3” Super HAD-II CCD	
2	Effective Pixel	PAL: 976x582, NTSC 976x494	
3	Scanning System	2:1 interlace	
4	Sync System	Internal / External Line Lock	
5	Resolution	700 TV lines	
6	Sensitivity	0.01 lux	
7	S/N Ratio	MORE THAN 52 db. (AGC Off, F1.2)	
8	Electronic shutter	Auto: 1/50 (60) to 1/120,000sec	
9	Output	1Vpp Composite video output, 75 Ohm	
11	Lens Type	2.8 – 10 mm Auto Iris and IR corrected	
12	IR Range	30-40 mtrs	
13	Day/Night	True day/night	
14	Auto White Balance	Auto	
15	Back Light Compensation	OFF/ON SELECTABLE	
16	Automatic Gain Control	OFF/ON SELECTABLE	
17	Flicker less Mode	OFF/ON SELECTABLE (NTSC 1/100; PAL 1/200)	
18	Operating Temperature	10 to 50° C / 30 – 90% RH	
19	Power supply	12VDC/24VAC Auto Detectable	
20	Power consumption	Less than 4 Watt with LED ON	
21	Working Condition 24 * 7	Support	
22	Product warranty	1 year minimum	
	Certification	UL,CE&FCC	

APPENDIX-‘B-4’

PIN HOLE CAMERA

SL.	Vari focal dome IR Camera	Specifications	Vendors Compliance Y/N
1	Pick up Element	1/3" Super HAD- IICCD	
2	Effective Pixel	PAL: 976x582, NTSC 976x494	
3	Scanning System	2:1 interlace	
4	Sync System	Internal / External Line Lock	
5	Resolution	700 TV lines	
6	Sensitivity	0.01 lux	
7	S/N Ratio	MORE THAN 52 db. (AGC Off, F1.2)	
8	Electronic shutter	Auto: 1/50 (60) to 1/120,000sec	
9	Output	1Vpp Composite video output, 75 Ohm	
11	Lens Type	3.7 mm or less, wide angle	
12	Day/Night	Auto	
13	Auto White Balance	Auto	
14	Back Light Compensation	OFF/ON SELECTABLE	
15	Automatic Gain Control	OFF/ON SELECTABLE	
16	Flicker less Mode	OFF/ON SELECTABLE (NTSC 1/100; PAL 1/200)	
17	Operating Temperature	10 to 50° C / 30 – 90% RH	
18	Power supply	12VDC/24VAC Auto Detectable	
19	Working Condition 24 * 7	Support	
20	Product warranty	1 year minimum	
21	Certification	UL,CE & FCC	

APPENDIX-‘B-5’

Item No	Item Name	Specifications	Vendors Compliance Y/N
A	Hard Disk Drive	Surveillance Hard disc Drive	
	Seagate/Western Digital (Surveillance HDD)	32~64 MB Cache, 3 MB~6MB per second data transfer rate.	
B	MONITOR (Samsung/LG)	LCD with TCO 03 or equivalent certification	
	Screen Size	19" , 24" & 32 " diagonal TFT LCD/LED	
	Make	Samsung/LG	
	Video	PAL/NTSC color composite	

	Resolution	1280*1024/ 1368*720 Pixels @ 60~85 Hz Refresh Rate, True Colour (32 Bit)	
	Power input	90-260VAC or 121 V DC	
	Viewable Angle	140° H, 130° V	
C	Cable- Video		
	Category	Co Axial RG 6	
	Type	Unnarmored	
	Capacitance	53 +/- 3 Ohms	
	DC resistance inner conductor	8.5 Ohms / KM	
	Di-electric strength	10 KVA AC Mains	
	Di electric material	Polythene (PE), 7.1 mm dia	
	Insulation resistance	50 M Ohms/KM	
	Nominal Impedance	75 Ohms	
	Minimum bending radius	55 mm	
	Acceptable Quality	Make – Finolex, Polycab, Jaitex	
D	Cable- Power	Unarmored	
	Category	2 Core power cable, FRLS	
	Type	2 core x 0.75 sq mm	
	Acceptable type	ISI Marked (IS-694, 1990) Make – Finolex, Polycab,	
	Insulation	PVC Insulated	
E	PVC Conduits for cabling.		
	Specification	20 mm dia	
	Acceptable Quality	ISI Marked, Make – Precision or equivalent	
	Grade	Medium	

Appendix-B-6

4 CH ATM DVR- Technical Specification		
1	Operating System	Embedded Linux
2	Video Compression	Embedded with H.264 Video Compression Algorithm
3	No of Video channel	4
4	System features	Simultaneous Viewing, record, play Back, back up & Network
5	Display Resolution	BNC- 704X576 (PAL), 704X480(NTSC)
6	Frame Rate	PAL-D1 quality
7	Video Input	4 Channel
8	Video Output	1BNC,1VGA
9	Storage	Hard Disc-90 days recording minimum
10	Record	Manual, Alarm, Motion Detection & Schedule
11	Support Function	Multi Zone Motion Detection, Multi level password protection
12	Content Control	Water Marking for authentic Video footage
12	Search	Date/Time, Logistic Event, Channel
13	Back up	USB/USB-DVD-RW
14	Remote Function	Mobile view, Back up
15	HDD	02 slots minimum
16	Built in display	7" minimum
17	Text Overlay	ATM POS for text overlay feature
18	Housing	ATM DVR cabinet with temper proof locking arrangement
15	Certification	CE,FCC & UL
	Camera Type & Location	
1	Type	Colour, Preferably IR Dome, if required may be Pinhole
2	Numbers	2, Minimum
3	Location	Camera should be installed in such a way that the camera view Should not cover key Pad, One camera outside and one inside the ATM room.
	Camera Specification	
1	IR Dome Camera, vandal proof	1/3" HAD-II CCD, 0.01 Lux, 700TVL, 3.6 mm Wide Angle fixed Lens
2	Pin Hole Camera	1/3" HAD CCD, in appropriate housing 0.01 Lux, 700TVL,
		3.7 mm Wide Angle fixed Lens
3.	IR bullet camera, weather proof	1/3" HAD-II CCD, 0.01 Lux, 700TVL, 3.6 mm Wide Angle fixed Lens

IMPORTANT:- All imported products, e.g. Cameras, DVRs should carry quality Certification i.e. CE , FCC and/or UL. (Copies to be enclosed) and all Cable and PVC conduit should be ISI Marked. N.B. rest specifications of cameras will be as specified in Appendix 'C to C2'

ALARM SYSTEM

Sl. No.	Technical Specification Compliance for Digital Fire and Electronic intruder Alarm System (Component and Description of Specification)	Compliance Yes/No
	<u>CONTROL PANEL</u>	
1	LCD based minimum 12+1 fully programmable zone control panel with built in GSM speech dialer with automatic arming and disarming with remote access through telephone	
2	Microcontroller based	
3	Minimum 12+1 zones	
4	Inbuilt GSM based speech and SMS dial up	
5	Minimum 12 zones programmable as delay, immediate, panic or fire	
6	One tamper zone	
7	Separate remote key pad with 12X4 LCD display or more	
8	Separate zone for fire detection and provision for connection of fire alarm system	
9	Separate main control station for connection terminals and power supply units	
10	Automatic arming and disarming facility	
11	Can be operated through mobile and telephone line	
12	Electrical devices can also be switched on or off through remote key pad	
13	Built in battery backup	
14	Zone omitting facility	
15	Silent arming and night mode arming	
16	Intrusion lock with time and date	
17	Power failure indication	
18	Blown fuse indication on LCD display on LED blinking on panel	
19	Multiple sounder output	
20	Distinct interrupted sounder output for fire alarm	
21	Battery strength display with audio indication in case of low battery	
22	GSM signal strength display	
23	Walk test mode	
24	Individual zone status is indicated in display	
25	Independent entry delay time 2 to 240 sec	
26	Independent exit delay time 2 to 240 sec	
27	Sounder time 2 to 20 minutes and multiple sounder outputs	
28	Speaker wire cut detection for all sensors and hooters and speakers	
29	Support combination of hooters and speakers	
30	Battery backup for 36 hours	
31	Automatic switch off to battery in case of AC power failure	
32	Automatic battery charging once the AC power is restored	
33	ERTL certified.	

APPENDIX-' C-2'

Sl. No	<u>SMOKE SENSOR & HEAT SENSOR</u>	
1	Automatic Drift compensation	
2	Dust tolerant chamber provides optimum detection performance and minimal nuisance alarm between maintenance visit	
3	Multifunction handheld remote programming and test tool	
4	Sensitivity remotely programmable	

5	Digital addressing capability	
6	Remotely implemented advance maintenance features	
	Read and write last maintenance date	
	Read chamber contamination level	
	Read thermal element value alarm test	
7	Selectable blink/no blink LED option via hand held tool	
8	Photoelectric multi-criteria photo-thermal with 58 degree C and 78degree C fixed and rate of raise thermal detector	
9	8 to 30 VDC operating range enable operation in both fire and security system	
10	-30 to +70 degree C operating temperature range	
11	Multi-functional alarm – normal bio colour LED indicator	
12	EN 54 certified	
13	Make	

Sl. No	<u>AUTOMATIC TELEPHONE DIALER & BUILT IN VOICE & SMS GSM DIALER</u>	
1	GSM speech & SMS dialer	
2	Microcontroller base	
3	2 speech / voice messages	
4	Separate intuition message	
5	Minimum 10 programmable phone numbers upto 12 digits for intuition and fire message	
6	20 sec recording time for each message	
7	Alarm SMS with alarm type, zone number with time and date information	
8	System status SMS for arm and disarm	
9	Power status SMS for AC power on and off, low battery	
10	User editable name and address for alarm SMS	
11	Message playback, telephone no editing facility, long volatile memory	
12	Retention of programmed data in case of power failure	
13	Highest priority for condition dialing and silent alarming	

APPENDIX-‘ C-3’

SL NO	TECHNICAL SPECIFICATIONS	
	ELECTRICAL	
1	Quiescent current: 30 mA Max.	
2	Quiescent current with backlit LCD: 90 mA Max.	
3	MAIN CONTROL STATION WITH ONE REMOTE KEY PAD	
4	Quiescent current: 300 mA	
5	Quiescent current with backlit LCD: 360 mA	
6	Current with dialing: 530 mA Max.	
7	Maximum sounder 1 current output : 1A	
8	Maximum sounder 2 current output : 1A	

9	Remote key pads : Up to three	
10	Non-volatile Memory : Programming and Log	
11	Zone response time : <500ms	
12	Zone Loop Resistance : <5k ohm for NORMALLY CLOSED	
13	Mains supply Voltage : 220+10%-15% 50Hz	
14	Total current Output: 2A at 220V AC or 4A at 220V AC	
15	Battery Voltage : 12V DC	
16	Battery type : SMF Rechargeable	
17	Battery Recharge Voltage: 13.8V +/-0.2V DC	
18	ENVIRONMENTAL	
19	Operating Temperature: 0C to 45C	
20	Storage Temperature: -20C to 60C	
21	Maximum humidity: 95% non-condensing	

SI No.	MAGNETIC CONTACT SENSOR	
1	Operating Gap: 15MM min	
2	Contact Rating: 10W, 12/24VDC, 0.5A	
3	Contact O/P : Normally Closed	
4	4 wire temper loop	

APPENDIX-' C-4'

SI No.	PIR SENSOR	
1	Dual Element Pyroelectric sensor	
2	Latest Technology Digital Signal Processor (DSP)	
3	Pet Immunity up to 25 kg.	
4	Detection Range 15m	
5	Detection angle 110°	
6	Sealed optics	
7	Excellent RFI and EMI Immunity	
8	Selectable Pulse Count	
9	Walk Test	
10	Detection range: 15m, 110°	
11	RFI Immunity: Ave. 20V/m (10~1000MHz)	

12	Power Supply: 9 ~ 16V DC, 12V Typical	
13	Current Consumption: 20mA, 12V DC	
14	Alarm Output: NC/NO 30V DC, 0.2A max.	
15	Alarm Duration: 2 seconds	
16	Pulse Count: Single/Double	
17	Tamper Switch: Cover Open activation	
18	Operating Temperature: 0° to 50° Celsius	
19	Walk Test LED: Red, can disable	
20	Temperature: Automatic using	
21	Compensation: NTC thermistor	
22	Detection Speed: 0.3 to 1 m/s	
23	Reverse Polarity Protection: Through Diode	

SI No.	PANIC SWITCH	
1	Automatic reset (no key required)	
2	Micro switch technology	
3	In-built tamper switch	
4	Contact O/P: NORMALLY CLOSED	
5	Technology: micro-switch with roller	
6	Tamper Switch: installed	

APPENDIX-' C-5'

SI No.	HOOTER	
1	High power 130 db	
2	4 wired (with tamper loop)	
3	Low current consumption	
4	Available in 12V DC and 24V DC	
5	Available in multiple tones	
6	Weatherproof housing	

PRICE BID: PART- 1**Rate Quotation format****NON COMPREHENSIVE AMC Charges for CCTV & Alarm System: Valid for 03 years**

S N	ANNUAL AMC CHARGES	UNIT RATE: PER YEAR/PER BRANCH*	REMARKS
1.	4/8/16 CH CCTV SYSTEM		Mandatory quarterly visit
2.	ALARM SYSTEM		
3.	FOR BOTH: CCTV & ALARM SYSTEM		

*Weightage - 15 (*Bank Committee may amend in Weightage)

PRICE BID: PART-2**Rates & Models for Alarm System:-**

SN	Items with 2 years warranty- CE/FCC/UL Certified	Model No. With specification	Wieg htage /Qty*	Unit Rates	Qty*Unit rate
01	Security alarm Panel with Auto dialer 12+1 Zone fully programmable. Compatible with GSM / IP/ PSTN communicators and on board LCD display with inbuilt SMPS, Enclosure and battery option (12 Volt 7Amp)	Teximo/Securico- (Prefer)	2		
02	Supply & install of TCP/ IP Communicator for CMS and remote Configuration	DSC/Securico- (Prefer)	1		
03	Smoke sensor		5		
04	Heat Detector		1		
05	Magnetic contact (C.E. Certified)		1		
06	PIR sensor (C.E. Certified)		2		
07	Vibration Sensors		1		
08	Shutter contact sensors		1		
09	Flame detectors		1		
10	Panic switch		5		
11	Hooter		2		
12	Motorized Siren		1		
13	12V Battery- 7AH	EXIDE	1		
14	MCP		1		
15	Response Indicator		1		
16	Cabling – FRLS PER METRES		50		
17	Cabling – in PVC Conduit pipe Preferably Polycab/Finolax		50		
18	*Additional items or accessories: If any (common parts will include)		1		
19	Buy back rate of existing Alarm System		-2		
20	Shifting /Charges (less this amount)		1		
21	Total cost of all above items		Grand Total=		

*Bank Committee may amend in Weightage

Signature & Seal of the Vendor

Rates & Models for CCTV System:-

S.N	ITEMS with 02 YEARS WARRENTY	MAKE/MODEL with specification	Wieght age /Qty*	UNIT RATE	Qty*U nit rate
01	16 Channel Standalone DVR: 2 SATA port and 4 SATA Port:		1 1	Rs. Rs.	
02	8 Channel Standalone DVR: 2 SATA port and 4 SATA Port		3 3	Rs. Rs.	
03	4 Channel ATM DVR with built in 90 days recording provision as per the technical Compliance sheet along with Hard Disk: Single SATA Port		1		
04	19" and 24" TV Monitor with spot/auxillary input: LG/ SAMSUNG	19": 24":	1 1	Rs. Rs.	
05	Veri focal dome IR camera:		5		
06	Veri focal bullet IR camera:		5		
	Pin hole Camera		5		
07	720P HD dome camera,1/4" CMOS,720P (1000 TVL), 3.6 mm, 24 IR LED, 20m		10		
08	720P HD Bullet camera,1/4" CMOS,720P (1000 TVL), 3.6 mm, 24 IR LED, 20m		10		
09	2Mega Pixel IP IR Dome camera with facility of inbuilt recording covering distance of 30 meters		5		
10	2Mega Pixel IP IR Bullet camera with facility of inbuilt recording covering distance of 30 meters		5		
11	64 GB High speed Micro HD Card		5		
12	1 TB Hard Disk		1		
13	2 TB Hard Disk		2		
14	4 TB Hard Disk		5		
15	DVR Rack		2		
16	RG-6 Video Coaxial Cable (ISI Marked) Preferably Polycab/Finolax		100		
17	2 Core 14 stand power cable in PVC Conduit pipe Preferably Polycab/Finolax		100		
18	HDMI CABLE		10		
19	VGA Cable		10		
20	SITC of RG6 Video Cable		50		
21	SITC of 2 Core x 1.5 sq. mm. Power Cable		50		
22	Wireless mouse		1		
23	Power supply , 12V, 6 AMP		5		
24	Power supply for DVR		5		
25	Power supply , 12V, 10 AMP		5		
26	Additional items or accessories: (If any common)		1		

27	Shifting Charges		1		
28	Buy back rate of existing Alarm System (less this amount)		-2		
29	Total Cost of all above items	Grand total Price =			

***Bank Committee may amend in Weightage**

Signature & Seal of the Vendor

Date:

Appendix-D

List of Branches under Bangalore Zone

SN	SOL ID	BRANCH	Branch within radius of 50 km from ZO	SN	SOL ID	BRANCH	Branch within radius of 50 km from ZO
1	24	BANGALORE CITY	YES	33	2138	DEVANHALLI	NO
2	54	MYSORE	NO	34	2143	SHIMOGA	NO
3	151	BANGALORE CANTONMENT	YES	35	2203	KADAKOLA	NO
4	202	JALAHALLI	YES	36	2215	TUMKUR CMC	NO
5	231	MALLESWARAM	YES	37	2216	CHIKKAMAGALUR	NO
6	297	KENGERI	YES	38	2427	YELAHANKA	YES
7	328	HUBLI BRANCH	NO	39	2442	NELAMANGALA	YES
8	536	AMINBHAVI	NO	40	2443	HOSAKOTE	YES
9	623	JAYANAGAR	YES	41	2533	BASAVESWARNAGAR	YES
10	624	FRAZER TOWN	YES	42	2538	DODDAMARALAWADI	NO
11	631	DODDALHALLI	NO	43	2539	BIDARAHALLI	YES
12	632	KODIHAALI	NO	44	2540	B T M LAYOUT	YES
13	756	BELGAUM	NO	45	2551	JP NAGAR	YES
14	866	TURVIHAL	NO	46	2805	RAMANAGARA	NO
15	885	MANGALORE	NO	47	2806	BIDADI	NO
16	986	INDIRANAGAR	YES	48	2904	MANDYA	NO
17	1043	DAVANGERE	NO	49	2912	UDUPI	NO
18	1053	KORAMANGLA	YES	50	2913	HASSAN	NO
19	1062	TUMKUR	NO	51	2914	CHITRADURGA	NO
20	1136	PEENYA IND ESTATE	YES	52	2915	BELLARY	NO
21	1447	DHARWAD BRANCH	YES	53	2916	RAICHUR	NO
22	1629	RAMAMURTHY NAGAR	YES	54	2917	BIJAPUR	NO
23	1641	BANASHANKARI	YES	55	2918	UTTARAHALLI	YES
24	1686	GULBARGA	NO	56	2923	HOSPET	NO
25	1909	SAHAKARNAGAR	YES	57	3052	KOTA	NO
26	1958	HSR LAY OUT	YES	58	3053	KADABA	NO
27	1984	BANNERGHATTA RD	YES	59	3054	KINNIGOLI	NO
28	2009	VIJAY NAGAR	YES	60	3099	PERIYAPATNA	NO
29	2015	VASANTH NAGAR	YES	61	3100	CHAMARAJNAGAR	NO
30	2016	GANGA NAGAR	YES	62	3232	KOLAR	NO
31	2104	HESARGHATTA	YES	63	3271	T BEGUR	YES
32	2117	AMB BANGALORE	YES	64	3350	BELLANDUR	YES