

Bid Document

Name of Work: Selection of Agency for Supply, Installation, Commissioning and warranty support of various Equipments for the Implementation of IT Network and Video Surveillance System and related peripherals for Junagadh Agricultural University, Junagadh.

RFP.NO. GILJAUVideo Surveillance2017-18

DATE: 18.09.2017

Client: Junagadh Agricultural University, Junagadh

Pre Bid Meeting:

Date & Time: 28.09.2017 at 1500 hrs.

Venue: Gujarat Informatics Limited
Block No. 1, 8th Floor, Udyog Bhavan,
Sector 11, Gandhinagar – 382 010

Bid Due Date: 11.10.2017 up to 1500 hrs.

Last Date of Submission of Bid Processing Fees & EMD: 11.10.2017 up to 1500 hrs

Un-priced Bid Opening:

Date & Time: 11.10.2017 at 1700 hrs.

Venue: Gujarat Informatics Limited
Block No. 1, 8th Floor, Udyog Bhavan,
Sector 11, Gandhinagar - 382 010

Bidding Agency Address:

Gujarat Informatics Limited
Block No. 1, 8th Floor, Udyog Bhavan,
Sector 11, Gandhinagar - 382 010
Phone No.: 079 - 232 56022, Fax No.: 079 - 232 38925
Website: www.gujaratinformatics.com

Note: Please address all queries and correspondence to

DGM (Tech)

Gujarat Informatics Limited,
8th Floor, Block No.1, Udyog Bhavan,
Sector 11, Gandhinagar 382 010
Phone: 079 - 232 56022

E-mail: viveku@gujarat.gov.in

Introduction

Gujarat Informatics Limited (GIL), on behalf of JAU (herein after referred "THE OFFICE") invites the bid for Selection of Agency for Supply, Installation and Commissioning of various Equipments for the Implementation of Video Surveillance System at JAU, Junagadh.

The selected Agency shall be fully capable and experienced in the work of carrying out IT Network and Video Surveillance / CCTV System including Application Software.

The Selected Agency must have trained and certified manpower including technicians capable of carrying out this job. The agency is required to deploy the trained & experienced manpower for this project.

Successful bidder will have to supply, install & perform the acceptance test of the supplied equipment(s) at each location as per terms and conditions of the bid document.

Bidder is requested to offer the cost for all the items and all the accessories as mentioned in bid document. GIL does not guarantee any fixed quantity at the time of signing the tender.

Bids are hereby invited from the Bidders having capability and resources in supplying & carrying out Video Surveillance System at various Government offices and JAU as per the details in bid.

Proposal in the form of BID are requested for the item(s) in complete accordance with the documents to be uploaded as per following guidelines:

1.0 Bidder shall submit their bids on <https://www.gil.nprocure.com>.

- The Bidder will have to remit **Non refundable Bid Processing Fees of Rs. 5,000/- & Earnest Money Deposit (E.M.D.) of Rs.160,000/- (Rupees one lakh sixty thousand only) (Refundable) on or before date & hours of submission of bid (i.e. 11.10.2017 up to 1500 Hrs)** in a sealed cover at GIL office with the heading "**Bid processing fees & EMD for RFP no. GIL\JAU\Video Surveillance\2017-18 for Selection of Agency for Supply, Installation, Commissioning and warranty support of various Equipments for the Implementation of Video Surveillance System and related peripherals for Junagadh Agriculture University, Junagadh.**"
- Bid processing fees must be in the form of Demand Draft in the name of "Gujarat Informatics Ltd." payable at Gandhinagar along with the covering letter.
- EMD as mentioned above, shall be submitted in the form of Demand Draft OR in the form of an unconditional Bank Guarantee (which should be valid up to validity of 9 months from the date of bid submission) of any Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks and Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time; in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at Annexure A) and must be submitted along with the covering letter for RFP No: GIL\JAU\Video Surveillance\2017-18
- Please affix the stamp of your company on the overleaf of demand draft.
- **Note:** Failing to submit physical covers of EMD and bid processing fees at GIL on or before **11.10.2017 up to 1500 Hrs** may lead to the rejection of the bid

2.0 The bid shall specify time schedule of various activities.

3.0 Bid complete in all respects should be uploaded on or before the Bid due date.

- 4.0 Interested and eligible Bidders are required to upload the eligibility related document in Eligibility Bid Section, technical related document in Technical Bid Section & commercial bid in Commercial Bid Section. The Bids should be accompanied by a bid security & bid processing fees (non-refundable) as specified in this Bid Document. The Eligibility, Technical & Commercial Bid must be uploaded to <https://gil.nprocure.com> & the Bid Security and Bid Processing Fees must be delivered to the office of Gujarat Informatics Ltd.
- 5.0 **The Bidder may quote only one option (i.e. one products can be quoted) against each item.** Bidders are required to mention Make and Model of the product (Do not write "OEM" against items. Bidders are expected to give make and model of the product).
- 6.0 The Bid Processing Fees & Bid Security Section and Eligibility Section will be opened on the specified date & time in presence of the committee members and representatives of the bidders who choose to attend. The representative will be held responsible for all commitments made on behalf of the bidder and that will be considered valid for all further dealings related to this tender process.
- 7.0 Services offered should be strictly as per requirements mentioned in this Bid document. Please spell out any unavoidable deviations, Clause / Article-wise in your bid under the heading Deviations.
- 8.0 Once quoted, the bidder shall not make any subsequent price changes, whether resulting or arising out of any technical/commercial clarifications sought regarding the bid, even if any deviation or exclusion may be specifically stated in the bid. Such price changes shall render the bid liable for rejection.
- 9.0 Bidder shall quote the prices of services as mentioned valid **for 180 days**.

Section - 1
Eligibility Criteria

1. The bidder should have a total sum of turnover of **Rs. 5 Crore (Minimum)** in the last three financial years. The copies of Audited Annual Accounts/Balance Sheet along with Profit & Loss Account for last three years shall be attached along with the bid. **(Form no. E-1)**
2. The bidder should have local presence and should have office in Gujarat. The bidder should have service support infrastructure to provide warranty and post warranty services. The details of such service support infrastructure must be enclosed. Please attach the copies of any two of the following: Property Tax Bill of last year/Electricity Bills of last one year/Telephone Bills of last one year/VAT Registration/CST Registration/Valid Lease Agreement. **(Form no. E-2). In case bidder does not have office in Gujarat, bidder should give undertaking to open office in Gujarat within 45 Working days from the date of award of work order.**
3. **Bidder's past experience:**
 - a) The Bidder should have at least 3 years experience in setting up LAN / WAN, and should have installed minimum **5 LAN / WAN Systems with minimum 50 nodes** (here node means IP Camera or Computer or any other networking device) installed and operational in the same campus or different campus. Copies of Purchase Orders / Contract Agreement and Certificates of Successful Completion from Customer should be submitted. **(Form no. E-3).**
 - b) Bidder should have experience of executing CCTV / Surveillance System Project for at least **10 customer reference sites of IP CCTV Camera & related accessories installation, out of which 5 sites must consisting of minimum 16 IP CCTV Cameras per site.** Copies of Purchase Order(s) / Contract Agreement and Certificates of Successful Completion from Customer should be submitted. **(Form no. E-4)**
4. The Bidder should have at least 10 skilled Engineers / Manpower with Experience. Information about educational qualifications and experience details along with the projects they have handled should be provided with the bid. **(Form no. E-5)**
5. Bidder should attach Authorization certificate from the OEM of the equipment specified in Form, for the authenticity, authorized representation and after sales support. **(Form no. E-6)**
6. **Eligibility Criteria of OEM / CCTV Camera Product Company:**
 - a) The OEM of the CCTV Camera, should have registered office in India since last 3 years. Registered offices by way of Joint ventures, Franchise, distribution partners will not be considered. Please attach the copies of any two of the following: Property Tax Bill of last year/Electricity Bills of last one year/Telephone Bills of last one year/VAT Registration/CST Registration/Valid Lease Agreement. **(Form no. E-7)**
 - b) The OEM /IP CCTV Camera Product Company/System Integrator should have installed at least a single project in India containing minimum 500 IP CCTV Cameras (of quoted camera brand) **OR** 2 projects containing minimum 250 IP CCTV Cameras (of quoted camera brand). Copies of Purchase Order(s) / Contract Agreement and Certificates of Successful Completion from Customer should be submitted. **(Form no. E-8)**
7. Manufacturer of the product (OEM) should be ISO 9001:2008 Process Certified for manufacturing. ISO certificates are required for items like IP CCTV Camera, NVR, Ethernet Switches, Fiber Cable, UTP cable, Jack/Patch Panels, Information Outlets, **(Form No. E-9)**

Note: All the details and the supportive documents for the above mentioned items should be uploaded in eligibility section in the bid.

Bidders who wish to participate in this bid will have to register on <https://gil.nprocure.com>. Further bidders who wish to participate in online bids will have to procure Digital Certificate as per Information Technology Act 2000 using which they can sign their electronic bids. Bidders can procure the same from (n) code solutions – a division of GNFC Ltd., or any other agency licensed by Controller of Certifying Authority, Govt. of India. Bidders who already have a valid Digital Certificate need not procure a new Digital Certificate.

Section - 2

Scope of Work

Bidder is required to Supply, Installation and Commissioning of various Equipments for the Implementation of IT Network and Video Surveillance System for Junagadh Agriculture University, Junagadh (herein after referred to as "THE OFFICE") as per the specifications mentioned in the Bid document. The vendor/operator shall be responsible for implementation of the work as defined in the bid document.

The scope of complete work would broadly be: design, engineering, supply, testing, installation, integration, commissioning & maintenance of all project deliverables.

Unit cost is required to be offered for all the items as requested with 3 year warranty. All equipment including material to be installed by the Bidder shall be new and the product should not be de-supported or declared end of life during the next 7 years. A certificate to that effect should be furnished from OEM. All equipment shall conform to the codes, standards and regulations applicable and benefit from the usual manufacturer's guarantees.

The bidder should submit OEM's confirmation that the Products quoted are not end-of-life for the further period of 7 years from the date of authorization.

GIL / JAU do not guarantee any fixed quantity at the time of signing the contract / agreement. The rates should be valid for a period of **180 days** from the date of financial bid opening.

The requirement of IP CCTV cameras/ Analog CCTV cameras with other accessories mentioned in the bid is indicative. At the time of implementation, depending upon the grant availability, cameras, & required accessories per office will be procured.

Bidder is required to carry out following tasks:

Scope of work for LAN Cabling Work:

1. Bidder will be responsible to undertake and complete the works related to supply, installation and commissioning of services as indicated in the bid and within the duration prescribed in the bid. The bidder has to lay the LAN Cable for fulfill the requirements as per RFP.
2. The bidder will have to submit layout diagram indicating the location of equipment to be installed to THE OFFICE for approval before implementation. **The bidder has to use the existing infrastructure of LAN, if available at each location. The bidder has to take approval of THE OFFICE for Schematics Diagram (Layout) within 15 days from the date of Work Order for Cabling & laying work. THE OFFICE will decide the location of installation within maximum 15 days from the date of Work Order.**
3. The Bidder is requested to visit the site(s) before submission of their bid for any other clarification / measurements for finalization of scope of work / supply before submission of their bid.
4. It is envisaged that the bidder has understood the requirement fully and shall comply with the technical & functional requirements of the offered system including the scope of work/ services.
 - Complete installation shall be done in accordance with installation practices for a well structured cabling system, using components from a single vendor to ensure consistent and assured performance. The structured cabling distribution network shall serve as a vehicle for transport of data, video and voice signals throughout the network.
 - Installation, termination and identification of wiring between station outlets and Equipment Room shall be considered part of the Successful Bidder work.
 - The system shall utilize a network of fiber optic and/or unshielded twisted pair, riser, tie and station cables. Cables and terminations shall be provided and located as per the requirements and in the quantities mentioned in RFP.
 - All cables and terminations shall be identified at all locations.
 - All cables shall terminate in an alphanumeric sequence at all termination locations.
 - All balanced twisted pair cable terminations shall comply with, and be tested to TIA/EIA568-B standards for Category 3, Category 5e, Category 6 & Category 6A installations.

- The Successful Bidder carrying out the Supply, Installation, Testing and Commissioning (SITC) shall make the system entirely operational for its intended use, by addition of components specific to its make / model even if not specifically mentioned in the BoQ. Also most current versions of software and applications shall be provided by the Successful Bidder, as applicable at the time of execution and commissioning.
- The Successful Bidder has to furnish working drawings and as-built drawings, which shall be an essential component of commissioning.

Minimum References & Standards:

- ✓ TIA / EIA
- ✓ International Electro technical Commission (IEC)
- ✓ European Committee for Electro technical Standardization (CENELEC)
- ✓ National Fire Protection Association (NFPA)

It shall be the responsibility of the installer and OEM manufacturer to ensure that:

- ✓ The Passive Components of structured cabling distribution network will be free from manufacturing defects in material and workmanship under normal and proper use;
- ✓ All Passive Components in the structured cabling distribution network meet or exceed the relevant component specification of the TIA 568-B series and ISO/IEC 11801: 2002 standards;
- ✓ The structured cabling distribution network compliant channels will meet or exceed the Guaranteed Channel Performance as per relevant standards in the structured cabling distribution network Performance Specifications in effect at the time of installation.
- ✓ The Application Assurance covers the structured cabling distribution network compliant channels to support operations of the application(s) that the system was designed to support.

Scope of work for installing Active Components:

- Supply, Installations, Testing & Commissioning of Switches as per Technical specification.
- The switches will be installed at locations identified for the IP surveillance installations.
- The cameras have to be connected to the switches.

Scope of work for IP Video Surveillance / CCTV System:

1. Supply, Installations, Testing & Commissioning of High performance IP based video surveillance system with cameras having built-in web browser, remote access and remote management, complete with storage solution.
2. The scope is to Supply, Installation, Testing and Commissioning of the entire system end-to-end. The Successful Bidder carrying out the SITC shall make the system entirely operational for its intended use, by addition of components specific to its make/model even if not specifically mentioned in the BoQ. Also most current versions of software and applications shall be provided by the Successful Bidder, as applicable at the time of execution and commissioning.
3. The Successful Bidder has to furnish working drawings and as-built drawings, which shall be an essential component of commissioning.
4. **IP Video Surveillance System:** This shall include the supply, installation, commissioning & testing of Fixed surveillance cameras, Fixed cameras poles/masts and suitable brackets for mounting the cameras, weather-proof enclosures, fixtures, cables, connectors & any other devices/ peripherals required for the proper functioning of various cameras.

Camera installation in THE OFFICE:

- During the installation, the camera lens position has to be adjusted to get the desired view in the specific location.
- The cameras should be configured with a suitable IP address as per the IP addressing scheme in THE OFFICE.
- The camera should be configured with OSD (on screen display) name as a water mark so that images can be identified easily.
- The cameras should be configured for automatic day / night display, so that without manual intervention, camera switches to night mode when the light condition is less.

Command & Control Center at THE OFFICE:

This shall include the supply, installation, commissioning & testing of network switches, NVR with adequate user licenses, along with cabinets, enclosures, fixtures, cables, connectors and any other devices, peripherals required for the proper functioning of various components. The C&C centre will be located on separate room at the same campus or as decided by THE OFFICE.

- The NVR shall be configured to view all the cameras in the site in a single screen.
 - The images displayed in the NVR should have a water mark for easy identification.
 - The Control Room shall have Network Video Recorder (NVR) for achieving storage capabilities inclusive of other hardware along with controllers for camera operation. For monitoring purposes, video monitors / LED Monitors / video wall shall be set up with suitable mounting arrangements as per user requirements. Facility for viewing and controlling all the cameras as required should be provided.
 - The successful bidder has to use the existing Monitor/TV for monitoring purposes.
 - Cameras should be configured to directly access the local NVR and the storage shall be independent of the VMS. This is to make sure recording happens 24x7,
 - The recording should be configured in such a way, when the storage capacity gets to maximum limit., re-write happens on a first in first out basis without any manual intervention.
5. IP Cameras and NVR should be of same make.
 6. All the hardware and software features mentioned in the tender specifications should be available at the time submission of tender. THE OFFICE / GIL may ask for a demo of all IP cameras and related software as per tender.
 7. **System Training:** This shall include providing 1-week system operation & maintenance training to the designated security personnel after the successful commissioning of the project. Appropriate training material should be provided during the training.
 8. The Scope of complete work would broadly Design, Engineering, Supply, Testing, Installation, Commissioning, Site Acceptance Test, Training, Documentation, Warranty and Maintenance.
 9. **Components of proposed Surveillance System:**
 - Dome Cameras
 - Bullet Cameras
 - Display Arrangement
 10. The successful bidder has to provide on-site warranty for all equipments as mentioned in RFP.

Section - 3

Instructions to Bidders

ARTICLE - 1: COST OF BIDDING

- 1.1 The Bidder shall bear all costs associated with the preparation and submission of the Bid and Gujarat Informatics Ltd (GIL) \ THE OFFICE will in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.
- 1.2 Bidder is requested to pay **Rs. 5,000/-** as a bid processing fee (Non refundable) & Earnest Money Deposit (E.M.D.) of **Rs. 160,000/-** (Rupees one lakh sixty thousand only) (Refundable). In case of non receipt of bid processing fees & EMD the bid will be rejected by GIL.

ARTICLE - 2: BIDDING DOCUMENTS

- 2.1 Bidder can download the bid document and further amendment if any freely available on <https://www.gujaratinformatics.com> and <https://www.gil.nprocure.com> and submit the bid on <https://www.gil.nprocure.com> on or before due date & time of the tender. Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submits a Bid not substantially responsive to the bidding documents in every respect may result in the rejection of the Bid. Under no circumstances physical bid will be accepted.

ARTICLE - 3: CLARIFICATION ON BIDDING DOCUMENTS & PRE-BID MEETING:

- 3.1 Bidders can seek written clarifications up to **5 days before pre bid meeting** to DGM(Tech.), Gujarat Informatics Ltd., 8th Floor, Block No. 1, Udyog Bhavan Gandhinagar 382 010 and pre-bid meeting will be held as per the schedule. GIL / THE OFFICE will clarify & issue amendments if any to all the bidders in the pre-bid meeting. No further clarification what so ever will be entertained after the bid submission date.

ARTICLE - 4: AMENDMENT OF BIDDING DOCUMENTS

- 4.1 At any time prior to the deadline for submission of bids, GIL / THE OFFICE, for any reason, whether at its own initiative or in response to the clarifications requested by prospective bidders may modify the bidding documents by amendment.
- 4.2 All prospective bidders are requested to browse our website & any amendments / corrigendum / modification will be notified on our website and such modification will be binding on them. Bidders are also requested to browse the website of GIL/GoG i.e. www.gujaratinformatics.com & www.gil.nprocure.com for further amendments if any.
- 4.3 In order to allow prospective bidders a reasonable time to take the amendment into account in preparing their bids, GIL / THE OFFICE, at its discretion, may extend the deadline for the submission of bids.

ARTICLE - 5: LANGUAGE OF BID

- 5.1 The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and GIL / THE OFFICE shall be in English. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in English. For purposes of interpretation of the bid, the translation shall govern.

ARTICLE - 6: SECTIONS COMPRISING THE BIDS

- 6.1 The quotation should be scan-able and distinct without any option stated in.
- 6.2 The bid submitted shall have the following documents:

EMD & Bid Processing Fees Section:

The EMD (refundable) & bid processing fee (non-refundable) to be furnished to GIL office on or before the date & hours of opening of the bids in a sealed cover super scribed with the bid document number. The details are required to be filled in this section.

Eligibility & Technical Section:

- a) Clause by clause Compliance statement for Bid document including annexure to be uploaded.
- b) All deviations and / or non compliance clauses shall be listed separately & uploaded.
- c) Letter of Authority for signing the bid.
- d) All Annexure/Table, duly filled-in with necessary proofs, as required and stated in the bid document.
- e) Make & Model of quoted item in the bid with brochures\ website literature.
- f) All Eligibility forms & technical specification & dealership\distributorship authorized certificate & supporting document related Eligibility & Technical Stage.

Price Bid Section:

- a) Priced bid (in the prescribed format only)

ARTICLE - 7: BID FORMS

- 7.1 Wherever a specific form is prescribed in the Bid document, the Bidder shall use the form to provide relevant information. If the form does not provide space for any required information, space at the end of the form or additional sheets shall be uploaded to convey the said information. Failing to upload the information in the prescribed format, the bid is liable for rejection.
- 7.2 For all other cases, the Bidder shall design a form to hold the required information.
- 7.3 GIL / THE OFFICE shall not be bound by any printed conditions or provisions in the Bidder's Bid Forms.

ARTICLE - 8: FRAUDULENT & CORRUPT PRACTICE

- 8.1 Fraudulent practice means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial noncompetitive levels and to deprive the GIL / THE OFFICE of the benefits of free and open competition.
- 8.2 "Corrupt Practice" means the offering, giving, receiving or soliciting of anything of value, pressurizing to influence the action of a public official in the process of Contract execution.
- 8.3 GIL / THE OFFICE will reject a proposal for award and may forfeit the E.M.D. and/or Performance Guarantee if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for, or in executing, contract(s).

ARTICLE - 9: LACK OF INFORMATION TO BIDDER

- 9.1 The Bidder shall be deemed to have carefully examined all contract documents to his entire satisfaction. Any lack of information shall not in any way relieve the Bidder of his responsibility to fulfill his obligation under the Contract.

ARTICLE - 10: CONTRACT OBLIGATIONS

10.1 If after the award of the contract the Bidder does not sign the Agreement or fails to furnish the Performance Bank guarantee within fifteen (15) working days from the date of confirmed purchase order, along with the inception report and working schedule as per the tender requirements & if the operation are not started within fifteen (15) working days after submission of P.B.G. as mentioned, GIL / THE OFFICE reserves the right to cancel the contract and apply all remedies available to him under the terms and conditions of this contract.

ARTICLE - 11: BID PRICE

- 11.1 The priced bid should indicate the prices in the format/price schedule only.
- 11.2 Offered price should be inclusive of applicable taxes and levies applicable such as Excise, Packing\Forwarding, Insurance, FOR destination (anywhere in the Gujarat state). GST/ Tax needs to be shown separately.
- 11.3 Discount if offered, should not be mentioned separately. It should be included in offered price.
- 11.4 Any effort by a bidder or bidder's agent\consultant or representative howsoever described to influence the GIL\ THE OFFICE in any way concerning scrutiny\consideration\evaluation\comparison of the bid or decision concerning award of contract shall entail rejection of the bid.
- 11.5 Unit rates should be quoted separately for each item. Quantities can be increased or decreased by purchaser and bidder has to supply deviated quantities at the rates prescribed and approved by the purchaser in the tender document.

ARTICLE - 12: BID CURRENCY

12.1 The prices should be quoted in Indian Rupees. Payment for the supply of equipments as specified in the agreement shall be made in Indian Rupees only.

ARTICLE - 13: EARNEST MONEY DEPOSIT (EMD)

- 13.1 The Bidder shall furnish, as part of the Bid, EMD of **Rs. 160,000/-** shall be submitted in the form of Demand Draft OR in the form of an unconditional Bank Guarantee (which should be valid up to validity of bid + 90 days) of any Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks and Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time; in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at Annexure A) in a separate envelope. The un-priced bid (Technical-bid) will be opened subject to the confirmation of valid EMD and bid processing fees.
- 13.2 Unsuccessful bidder's E.M.D. will be returned as promptly as possible within 30 days after the expiration of the period of bid validity OR upon the successful Bidder signing the Contract, and furnishing the Performance Bank Guarantee @ 5% of the total order value as prescribed by GIL, whichever is earlier.
- 13.3 The successful Bidder's EMD will be discharged upon the Bidder signing the Contract/Agreement, and furnishing the Performance Bank Guarantee
- 13.4 The EMD may be forfeited at the discretion of GIL / THE OFFICE, on account of one or more of the following reasons:
- The Bidder withdraws their Bid during the period of Bid validity specified by them on the Bid letter form.
 - Bidder does not respond to requests for clarification of their Bid.
 - Bidder fails to co-operate in the Bid evaluation process, and
 - In case of a successful Bidder, the said Bidder fails :

- (i) To sign the Agreement in time, (ii) To furnish Performance Bank Guarantee

ARTICLE - 14: PERIOD OF VALIDITY OF BIDS

- 14.1 Bids shall remain valid for **180** days after the date of Financial Opening by GIL. A Bid valid for a shorter period shall be rejected as non-responsive.
- 14.2 In exceptional circumstances, GIL / THE OFFICE may solicit Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The EMD shall also be suitably extended. A Bidder granting the request is not required nor permitted to modify the Bid.

ARTICLE - 15: DURATION OF THE CONTRACT

- 15.1 The duration of the Contract period for this will be of **3 years**. The duration spent for installation of Hardware and Software will not be a part of contract period. Hence the actual contract period starts after the successful installation of hardware and software & completion of deployment of software as per the RFP.

ARTICLE - 16: BID DUE DATE

- 16.1 Bid must be uploaded by vendor not later than the due date specified in the RFP.
- 16.2 The GIL / THE OFFICE may, as its discretion, extend the bid due date, in which case all rights and obligations of the GIL / THE OFFICE and the bidders, previously subject to the bid due date, shall thereafter be subject to the new bid due date as extended.

ARTICLE - 17: LATE BID

- 17.1 No bidder may be able to upload or submit the bid after the bid due date/time.

ARTICLE - 18: MODIFICATION AND WITHDRAWAL OF BID

- 18.1 The Bidder may modify or withdraw its Bid before the due date of bid submission.
- 18.2 No Bid may be modified subsequent to the deadline for submission of bids.
- 18.3 No Bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of Bid validity specified by the Bidder on the bid letter form. Withdrawal of a Bid during this interval may result in the bidder's forfeiture of its EMD.

ARTICLE - 19: OPENING OF BIDS BY GIL

- 19.1 Bids will be opened in the presence of Bidder's representatives, who choose to attend. The Bidder's representatives who are present shall sign a register evidencing their attendance.
- 19.2 The Bidder's names, Bid modifications or withdrawals, discounts and the presence or absence of relevant EMD and such other details as the GIL / THE OFFICE officer at his/her discretion, may consider appropriate, will be announced at the opening.
- 19.3 Immediately after the closing time, the GIL / THE OFFICE contact person shall open the Un-priced Bids and list them for further evaluation.

ARTICLE - 20: CONTACTING GIL / THE OFFICE

- 20.1 Bidder shall not approach GIL / THE OFFICE officers outside of office hours and / or outside GIL / THE OFFICE office premises, from the time of the Bid opening to the time the Contract is awarded.

20.2 Any effort by a bidder to influence GIL / THE OFFICE officers in the decisions on Bid evaluation, bid comparison or contract award may result in rejection of the Bidder's offer. If the Bidder wishes to bring additional information to the notice of the GOG, it should do so in writing.

ARTICLE - 21: REJECTION OF BIDS

21.1 GIL / THE OFFICE reserves the right to reject any Bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder(s) or any obligation to inform the affected Bidder(s) of the grounds for such decision.

ARTICLE - 22: PRELIMINARY EXAMINATION OF BID

22.1 Un-priced Bid documentation shall be evaluated in two steps.

22.2 Firstly, the documentation furnished by the Bidder will be examined based on the following criteria:

- (i) Compliance to bid document.
- (ii) Evaluation of Eligibility Criteria & Technical Specifications of the Product / Solution Offered. (The bidder shall provide details in the bid)
- (iii) Experience in handling such projects (the bidder shall provide information in the BID)

22.3 In the second step, GIL / THE OFFICE may ask Bidder(s) for additional information, demonstration of the equipments, field testing of the equipments offered to check compatibility with the existing user's infrastructure, visit to Bidders site and/or arrange discussions with their professional, technical faculties or Users, to verify claims made in Un-priced Bid documentation.

22.4 Bidder will have to demonstrate seamless integration of offered item with user's Infrastructures, as mentioned in the Scope of Work, with satisfactory performance of required transmission as requested in Specification Sheet.

22.5 **Priced Bid:** Priced Bids will be opened only if the bids are technically qualified and fulfill the Eligibility Criteria. GIL may at its discretion discuss with Bidder(s) available at this stage to clarify contents of Price Bid.

22.6 **Choice of Firm: Final Choice of Firm to execute this project shall be made on the basis of conformity to eligibility & technical bid. The financial bid of the technically qualified bidders will be opened and financially L1 bidder will be decided from the sum total of prices for all line items without tax with 3 years warranty and then called for further negotiations if required.**

ARTICLE - 23: AWARD OF CONTRACT

23.1 Award Criteria: The Criteria for selection will be the lowest effective cost to THE OFFICE for the technically qualified bids for total cost. (Excluding any taxes).

23.2 THE OFFICE's right to vary requirements at time of award: GIL/ THE OFFICE reserves the right at the time of award to increase or decrease quantity for the requirements originally specified in the document without any change in Bid rate or other terms and conditions.

23.3 In case, if lowest bidder does not accept the award of contract or found to be involved in corrupt and/or fraudulent practices, the next lowest bidder will be awarded the contract. In such scenario, the lowest bidder has to born the difference between lowest prices and next lowest prices.

23.4 The tendered quantities are estimated based on the receipt of the requirement from Government offices at the time of floating the bid. During the bid validity, the other Government offices can also place the purchase order under this bid at final negotiated rate.

ARTICLE - 24: NOTIFICATION OF AWARD & SIGNING OF CONTRACT

- 24.1 Prior to expiration of the period of Bid validity, GIL / THE OFFICE will notify the successful Bidder and issue Lol.
- 24.2 The Successful bidder has to submit Performance Bank Guarantee @ 5% of total order value within 15 days from the date of issue of Purchase order (**for warranty period + extra 3 months**) from any Nationalized Bank including the public sector bank or Private Sector Banks authorized by RBI or Commercial Bank or Regional Rural Banks of Gujarat or Co-Operative Bank of Gujarat (operating in India having branch at Ahmedabad / Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time. (The draft of Performance Bank Guarantee is attached herewith)
- 24.3 Successful Bidder will have to sign the contract upon receiving the purchase order with the purchaser(s) within 15 working days from the date of purchase order. (The draft is attached herewith).

ARTICLE - 25: FORCE MAJEURE

25.1 Force Majeure shall mean any event or circumstances or combination of events or circumstances that materially and adversely affects, prevents or delays any Party in performance of its obligation in accordance with the terms of the Agreement, but only if and to the extent that such events and circumstances are not within the affected party's reasonable control, directly or indirectly, and effects of which could have prevented through Good Industry Practice or, in the case if construction activities through reasonable skill and care, including through the expenditure of reasonable sums of money. Any events or circumstances meeting the description of the Force Majeure which have same effect upon the performance of any contractor shall constitute Force Majeure with respect to the Vendor. The Parties shall ensure compliance of the terms of the Agreement unless affected by the Force Majeure Events. The Vendor shall not be liable for forfeiture of its implementation / Performance guarantee, levy of Penalties, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Agreement is the result of Force Majeure.

25.2 Force Majeure Events

The Force Majeure circumstances and events shall include the following events to the extent that such events or their consequences (it being understood that if a causing event is within the reasonable control of the affected party, the direct consequences shall also be deemed to be within such party's reasonable control) satisfy the definition as stated above.

Without limitation to the generality of the foregoing, Force Majeure Event shall include following events and circumstances and their effects to the extent that they, or their effects, satisfy the above requirements:

- 25.3 Natural events ("Natural Events") to the extent they satisfy the foregoing requirements including:
- (a) Any material effect on the natural elements, including lightning, fire, earthquake, cyclone, flood, storm, tornado, or typhoon;
 - (b) Explosion or chemical contamination (other than resulting from an act of war);
 - (c) Epidemic such as plague;
 - (d) Any event or circumstance of a nature analogous to any of the foregoing.
- 25.4 Other Events ("Political Events") to the extent that they satisfy the foregoing requirements including:
- Political Events which occur inside or Outside the State of Gujarat or involve directly the State Government and the Central Government ("Direct Political Event"), including:
- (i) Act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, revolution, riot, insurrection, civil commotion, act of terrorism or sabotage;
 - (ii) Strikes, work to rules, go-slows which are either widespread, nation-wide, or state-wide and are of political nature;
 - (iii) Any event or circumstance of a nature analogous to any of the foregoing.

25.5 FORCE MAJEURE EXCLUSIONS

Force Majeure shall not include the following event(s) and/or circumstances, except to the extent that they are consequences of an event of Force Majeure:

- (a) Unavailability, late delivery
- (b) Delay in the performance of any contractor, sub-contractors or their agents;

25.6 PROCEDURE FOR CALLING FORCE MAJEURE

The Affected Party shall notify to the other Party in writing of the occurrence of the Force Majeure as soon as reasonably practicable, and in any event within 5 (five) days after the Affected Party came to know or ought reasonably to have known, of its occurrence and that the Force Majeure would be likely to have a material impact on the performance of its obligations under the Agreement.

ARTICLE – 26: CONTRACT OBLIGATIONS

Once a tender is confirmed and signed, the terms and conditions contained therein shall take precedence over the Bidder's bid and all previous correspondence.

ARTICLE – 27: AMENDMENT TO THE AGREEMENT

Amendments to the Agreement may be made by mutual agreement by both the Parties. No variation in or modification in the terms of the Agreement shall be made except by written amendment signed by both the parties. All alterations and changes in the Agreement will take into account prevailing rules, regulations and laws applicable in the State of Gujarat.

ARTICLE – 28: USE OF AGREEMENT DOCUMENTS AND INFORMATION

The Vendor shall not without prior written consent from GoG disclose the Agreement or any provision thereof or any specification, plans, drawings, pattern, samples or information furnished by or on behalf of THE OFFICE in connection therewith to any person other than the person employed by the Vendor in the performance of the Agreement. Disclosure to any such employee shall be made in confidence and shall extend only as far as may be necessary for such performance.

The Vendor shall not without prior written consent of THE OFFICE make use of any document or information made available for the project except for purposes of performing the Agreement.

All project related documents issued by THE OFFICE other than the Agreement itself shall remain the property of THE OFFICE and Originals and all copies shall be returned to THE OFFICE on completion of the Vendor's performance under the Agreement, if so required by the THE OFFICE.

ARTICLE – 29: TAXES & DUTIES

Vendor is liable for all taxes and duties etc. as may be applicable from time to time.

ARTICLE – 30: BOOKS & RECORDS

Vendor shall maintain adequate books and records in connection with Contract and shall make them available for inspection and audit by THE OFFICE during the terms of Contract until expiry of the performance guarantee.

ARTICLE – 31: WARRANTY TERMS

The successful bidder/Agency shall give on-site warranty for all equipments mentioned in RFP for 3 years. Bidder has to quote for total 3 years warranty. **L1 will be decided with 3 years warranty.**

In the event that the materials supplied do not meet the specifications and/or are not in accordance with the drawings data in terms of this order, and rectification is required at site, THE OFFICE shall

notify the Vendor giving full details of difference. The Vendor shall attend the site within seven (7) days of receipt of such notice to meet and agree with representatives of THE OFFICE, the action required to correct the deficiency. Should the Vendor fail to attend meeting at site within the time specified above, THE OFFICE shall be at liberty to rectify the work/materials and Vendor shall reimburse THE OFFICE all costs and expenses incurred in connection with such trouble or defect.

ARTICLE – 32: PERFORMANCE GUARANTEE

- 32.1 The Vendor shall furnish Performance Guarantee for the duration of warranty period + extra 3 months to THE OFFICE / GoG for an amount equal to 5% of the value of order.
- 32.2 The performance guarantee will be in the form of bank guarantee for the amount equal of 5% of the value of the Order towards faithful performance of the contract obligation, and performance of the equipments during Warrantee period. In case of poor and unsatisfactory field services, THE OFFICE shall invoke the PBG.
- 32.3 The Performance Guarantee shall be valid for the duration of warranty period + extra 3 months and shall be denominated in Indian Rupees and shall be in the form of an unconditional Bank Guarantee issued by any Nationalized Bank including the public sector bank or Private Sector Banks authorized by RBI or Commercial Bank or Regional Rural Banks of Gujarat or Co-Operative Bank of Gujarat (operating in India having branch at Ahmedabad / Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time. in the format provided by THE OFFICE to be submitted within 15 working days of receipt of award.
- 32.4 The Performance Guarantee shall be discharged by THE OFFICE and returned to the Vendor within 30 days from the date of expiry of the Performance Bank Guarantee.

ARTICLE- 33 DELIVERIES AND INSTALLATION / IMPLEMENTATION:

- **The work has to be completed within 60 working days for the date of Work Order issued.** The bidder has to take the necessary approval of THE OFFICE for Schematics Diagram (Layout) within 15 days for cabling & laying work of Video Surveillance System and complete the work from the remaining 30 days.)
- If in any case the quoted Item is not available in the market at the time of delivery, the bidder will have to supply Higher Version/replacement of that Item in the quoted cost in the same time duration with prior approval of GIL. No “End of Life” product should be quoted to minimize such instances.

ARTICLE –34: PAYMENTS TERMS

- 34.1 No advance Payment will be made.
- 34.2 90 % payment will be made after Delivery, Installation and Completion of Work & Acceptance Test.
- 34.3 Remaining 10 % payment will be made after 90 days from completion of the work and training to personnel from THE OFFICE.

ARTICLE – 35: SERVICE TERMS

- 35.1 The entire scope of the work depends on the technical skill and experience in management of the same level or kind of infrastructure.
- 35.2 It is mandatory for Vendor to deploy qualified professional to install, commission & maintain the equipments, as defined under scope of work.
- 35.3 The Vendor has to submit regular schedule of man power availability & get it approved by THE OFFICE.

- 35.4 The Vendor is free to deploy or to develop applications to facilitate the operation. THE OFFICE will welcome the deployment such application in respect to improve Quality of Services.
- 35.5 For extending better services to the user, the Vendor will be allowed to deploy & use own tested and proven solution, with prior permission from the THE OFFICE.
- 35.6 The Vendor need to manage & maintain various records related to the services extended to the user.
- 35.7 The network is being operated & maintained by various agencies. In such circumstances the Vendor may need to coordinate and approach various agencies, if required.
- 35.8 The Vendor is responsible to maintain documentation on the progress of the work and will have to update the same on regular basis. Vendor will have to submit the progress reports regularly, to THE OFFICE.
- 35.9 The understanding of the comprehensive maintenance under warranty period is as follows.
- a) In case of failure, the Vendor needs to repair or replace the faulty part/component/device to restore the services at the earliest.
 - b) The cost of the repairing or replacement of faulty part/component/device has to be entirely born by the Vendor.
 - c) All expenses related to part/component/device, including hiring of specialized technical expertise, in case required, has to be borne by the Vendor as part of comprehensive maintenance.
 - d) The Vendor also needs to make alternate arrangement in case of major failure happens in the network, due to which services may be effecting for longer period.
 - e) After repairing or replacement of the part/component/device, the Vendor needs to put the same into operation.

ARTICLE – 36: PENALTY CLAUSE

36.1 Penalties for delay in implementation:

- a) If the bidder fails to deliver the requisite hardware and software within 60 working days of the issue of the purchase order, then a sum equivalent to one percent (1%) of the total contract value shall be deducted from the payment for each calendar week of delay or part thereof.
- b) The amount of penalty for delay in delivery & installation shall be subject to maximum limit of 10 % of the total contract value.
- c) Delay in excess of 15 weeks will be sufficient to cause for termination of the contract. In that case the Performance Bank Guarantee of the bidder will be forfeited.
- d) In case, the selected bidder does not supply the ordered items for any reason, the bidder will be liable to pay the difference amount to the purchaser, over and above the performance guarantee, which indenter department has to pay to the next or other selected bidder for purpose of the said items.

36.2 Operational Penalties:

- a) During warranty period, if the complaint is not resolved within 48 hrs the penalty of Rs. 500 per day for IP CCTV Camera, NVR, Switch & for networking components and other peripherals, the penalty of Rs. 300 per day will be levied. However, if the complaints not resolved within 7 days then from 8th day to 14th day, penalty would be levied @ 150% and from 15th day onwards penalty @ 200% of the above rates would be levied. The amount of penalty will be recovered from the Performance bank guarantee during warranty period.
- b) In case of major failure happens due to which services may be effecting for longer period, the bidder will be required to an immediate alternate arrangement of the same till it is repaired. Failure to arrange for the immediate repair/replacement will be liable for penalty of Rs.500 per day for Camera, Workstation, NVR, Switch, and Rs. 300 per day for networking components and other peripherals. The amount of penalty will be recovered from the Performance bank guarantee during warranty period.

- c) The Bidder/System Integrator will be required to co-ordinate with THE OFFICE, software vendor and/or do liaisoning with other service provider to achieve the end-to-end connectivity. This also includes Server OS configuration with respect to LAN/WAN technologies implementation.

ARTICLE – 37 PROJECT IMPLEMENTATION

- 37.1 The selected agency will have to be completed the work which includes Supply, Installation, Testing and Commissioning of hardware and required equipments including LAN & cabling work within **60 working days** from date of Purchase Order/ Work Order issued. The bidder has to take the necessary approval of THE OFFICE for Schematics Diagram (Layout) within 15 days for cabling & laying work of Video Surveillance System and complete the work from the remaining 30 days.
- 37.2 The Selected agency will implement the project strictly as per the plan approved by THE OFFICE. The Vendor shall carry out cabling work at such locations as may be decided by THE OFFICE within a specified period as specified in Instruction letter/LOI/Order and complete their provisional Acceptance Test to the satisfaction of THE OFFICE within 10 days from the date specified. This period may be extended depending upon the fulfillment of Conditions Precedent.
- 37.3 Installation, Commissioning and Acceptance of work will be undertaken by THE OFFICE. All Invoices, Vouchers, -Bills for supplied goods and services by the Supplier under the scope of the work will be verified measured and accepted by THE OFFICE for release of payment.
- 37.4 As part of implementation the Vendor shall provide details of equipment that will be incorporated in the proposed system, material and manpower as required. The location for storing spare parts and quantity there on should also be clearly indicated.
- 37.5 The Vendor shall provide the necessary technical support, Standard Operating Procedure (SOP) and other information to THE OFFICE and its user organizations in implementing the proposed system applications. THE OFFICE at any time during the currency of the Agreement should have access to the proposed sites.
- 37.6 The Vendor shall provide training to THE OFFICE Personnel at no cost to THE OFFICE. The training schedule, content and modalities will be defined jointly by both the parties.
- 37.7 The Vendor shall arrange to obtain all statutory permission with no cost to THE OFFICE. The Vendor may have to work during Holidays and Sundays, according to the urgency of work. The Vendor will obtain such permission on his own in consultation with THE OFFICE. It will be the responsibility of the Vendor to co-ordinate with THE OFFICE required to execute the job.
- 37.8 The Vendor shall not disturb or damage the existing network of communication. If in case any damage to the network is done, the same shall be corrected with no extra cost. The agency shall also be responsible for paying penalty, as imposed by the service owner to which the damage is incurred.
- 37.9 In case of the material/solution supplied and installed is rejected owing to its non-conformity to the specification or due to the poor quality of workmanship, the same shall be replaced promptly.
- 37.10 Vendor shall treat all matters connected with the contract strictly confidential and shall undertake not to disclose, in any way, information, documents, technical data, experience and know how, without prior written permission from THE OFFICE.
- 37.11 Any damage caused to the property of THE OFFICE while executing the job shall be solely Vendor's responsibility. In case any damage to the property is caused, the same will be recovered from the Vendors. No any extra cost shall be paid to the Vendor for such reasons.
- 37.12 The Vendor shall have to furnish the documentation of the work undertaken in consultation with THE OFFICE. 3 sets of such documentation should be provided before the issue of completion certificate.

- 37.13 It is a turnkey project. The Vendor shall be fully responsible for implementing the Project in totality and should include the items and their prices, if not included in Schedule of Requirement to complete the project on turnkey basis. Any claim whatsoever in this regard will not be entertained later on.
- 37.14 In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from else ware as prescribed in bid and Vendor shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the contract for the goods involved i.e. at the risk and cost of the Vendor.
- 37.15 THE OFFICE reserve the right to visit any working site of the Vendor with prior intimation. The concern Vendor has to make necessary arrangement for the same.
- 37.16 The Supplier shall be responsible and take required insurance for all of their representations working on the site at their own cost. THE OFFICE will not be responsible for any loss or damage to any of the representatives of the Supplier during the said contract.
- 37.17 All work shall be performed and executed by the Supplier in strict conformity with THE OFFICE and any relative instruction issued to the Supplier by THE OFFICE time to time.
- 37.18 In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from else ware as prescribed in bid and Vendor shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the contract for the goods involved i.e. at the risk and cost of the Vendor.
- 37.19 THE OFFICE shall associate few engineers / technicians during installation and commissioning work. Vendor shall ensure proper participation of the nominated personnel from THE OFFICE and train them on the system related. Also vendor shall organize the systematic training of selected personnel from THE OFFICE on the operation / management of equipments.

ARTICLE – 38: ACCEPTANCE TEST

Acceptance Test will be conducted in as follows:

- 38.1 THE OFFICE reserves the right to inspect equipment's and OFC/JFC, Cat-5/Cat-6 cables etc. The cost of all such tests shall be borne by the Vendor. Any inspected goods fail for confirm to specification after installation, THE OFFICE may reject them and the Vendor shall have to replace the rejected goods. In case of inspection waiver the same shall be obtained before the dispatch of goods. Inspection of rest of material shall be done at site. Sample approval should be obtained before installation for such material.
- 38.2 The first step will involve successful installation of all sites. The provisional acceptance of these sites will be defined as Partial Acceptance.
- 38.3 The date on which Acceptance Certificate is issued shall be deemed to be the date of successful Commissioning of the System.
- 38.4 Any delay by the Vendor in the Acceptance Testing shall render the Vendor liable to the imposition of appropriate Penalties.
- 38.5 All goods and services should have approval of TEC with ISI or other certification, as applicable, to prove the quality standards applicable in India.
- 38.6 The Final Acceptance Test (FAT) Report should confirm with cabling standard under the ISO certification.

ARTICLE – 39: INSTALLATION REQUIREMENTS

- 39.1 The Vendor needs to pull necessary cables up to required place, using approved PVC Piping/Channel/RF/CAT5 or CAT6 Cable.
- 39.2 The necessary Civil & Electrical work has to be carried out by the Vendor if required at customer site like requirement of pole, installation of camera on wall etc. The THE OFFICE will not reimburse any cost towards the same. The Vendor need to take necessary permission if require from concern authority.

ARTICLE – 40: SOFTWARE LICENCES (IF APPLICABLE)

The Vendor shall be responsible for providing Software (System Software, Application Software, Device Drivers, IOS, etc) required, if any, during warranty period to THE OFFICE. All license software must be in the name of THE OFFICE / Government of Gujarat. The ownership of any involved customize software will be of the THE OFFICE / Government of Gujarat.

ARTICLE – 41: INSTALLATION OF ADDITIONAL HARDWARE (IF APPLICABLE)

During the currency of the Agreement, for any additional requirement of equipment including interface equipment, the specifications will be provided by the Vendor. THE OFFICE /The Third Party Agency will verify suitability of the specifications submitted by Vendor and recommend to THE OFFICE for acceptance. The Vendor will be obligated to undertake integration, operation and maintenance for all additional equipments if required.

ARTICLE – 42: THIRD PARTY AGENCY

THE OFFICE may appoint Third Party Agency, who would monitor the project during implementation, commissioning and operation. The Third Party Agency will also conduct the Partial and Final Acceptance Test as per the technical requirement of the Agreement and will issue the Certificate of Completion of each proposed site. Third Party Agency will verify the services provided by the Vendor under the Agreement. The Vendor will co-operate with such Third Party Agency.

ARTICLE – 43: SUPPORT FROM EXTERNAL AGENCY (IF APPLICABLE)

In case, if Vendor wish to have support from any external agency, it's very necessary to inform THE OFFICE in written prior to allow them to work on THE OFFICE infrastructure. The information should contain all respective information about the company from whom support has been extended, the person/group of people and the segment in which services has been taken. On completion of the task, another report should be submitted by mentioning action taken by this person/group of people from external agency, with duration. The Vendor is sole responsible for the action taken by such agency on their behalf. No Data/ Information should be sent out of the premise without obtaining prior written confirmation from the THE OFFICE.

Section - 4

Make & Model List

Sr. No.	Item	Make & Model	Supporting Document uploaded? (Yes/No)
1	2 Mega Pixel Indoor IR IP Dome Camera		
2	2 Mega Pixel Outdoor IR IP Bullet Camera		
3	5 Mega Pixel Indoor IR IP Dome Camera		
4	5 Mega Pixel Outdoor IR IP Bullet Camera		
5	08 Channel NVR		
6	16 Channel NVR		
7	32 Channel NVR		
8	52 port managed switch		
9	28 port managed switch		
10	10-SFP port managed switch		
11	24 port unmanaged switch		
12	24 port unmanaged 1U switch		
13	16 port unmanaged switch		
14	8 port unmanaged switch		
15	16 port PoE unmanaged switch		
16	8 port PoE unmanaged switch		
17	16 Port 10/100/1000 Mbps PoE Switch		
18	26 port PoE smart switch		
19	Surveillance Hard Disk – 2TB		
20	Surveillance Hard Disk – 4TB		
21	CAT6 UTP Cable (305 meter in one Box)		
22	CAT6 UTP 24 Port Patch Panel		
23	of CAT6 UTP Information Outlet with SMB and Face Plate		
24	CAT6 UTP Patch Cord – 1 Mtr.		

25	CAT6 UTP Patch Cord – 2 Mtr		
26	6 Core Single Mode OFC Cable		
27	SC-SC Single Mode Duplex OFC Patch Cord 1 Mtr		
28	OFC Pigtail – 1mtr		
29	12 Way Wall Mount Loaded LIU		
30	Single Mode Transceiver		
31	Media Convertors 10/100/1000mbps (OFC to UTP)		
32	Outdoor Access Point		
33	Point to Point Wireless Link		
34	9U Network Rack		
35	15 U Network Rack		
36	Junction Boxes		
37	Conduit Pipe		
38	HDPE Pipe		
39	LC-SC Single Mode Duplex OFC Patch Cord 2 Mtr		
40	LC-LC Single Mode Duplex OFC Patch Cord 2 Mtr		

Note: The above mentioned quantities are estimated and for evaluation purpose only. However, at the time of implementation, the actual consumption or actual quantity will have to be considered for the billing.

The Bidder may quote only one option (i.e. one products can be quoted) against each item. Bidders are required to mention Make and Model of the product (Do not write “OEM” against items). Bidders are expected to give make and model of the product).

Ensure that all equipment including material to be installed by the Bidder shall be new and the product should not be de-supported or declared end of life during the next 7 years.

Section - 5

Technical Specification

Item No: 1 2 Mega Pixel Indoor IR IP Dome Camera:				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
1	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR		
	Slow Shutter	Support		
	Shutter Speed	1/3 s to 1/100,000 s		
	Lens	2.8 mm/4 mm/6 mm/8 mm/12 mm fixed, lens, optional		
	Lens Mount	M12		
	Wide Dynamic Range	YES, 100db or above		
	Day & Night	IR cut filter		
	Digital Noise	3DDNR		
	3-Axis Adjustment (bracket)	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°		
	Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264		
	H.264+	Support		
	H.265 Type	Main Profile		
	H.265+	Support		
	H.264 Compression Type	Main Profile/High Profile		
	Video Bit Rate	32 Kbps – 16 Mbps		
	Dual Stream	Yes		
	Max. Resolution	1920 × 1080		
	Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720)		
	Sub Stream	50Hz: 25fps (640 × 360, 352 × 288)		
	Third Stream	50Hz: 25fps (1920 × 1080, 1280×720, 640 × 360, 352 × 288)		
Image Settings	Support rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser and client software			
Image Enhancement	BLC/3DDNR			
ROI (Region of Interest)	Support 1 fixed region for mainstream and sub stream separately			
Day/Night Switch	Auto/Scheduled			
Alarm Trigger	Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error			

Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6		
General	One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access		
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI		
Communication Interface	1 RJ4510M/100M self-adaptive Ethernet port		
Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR		
Smart Feature-set	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, Unattended Baggage Detection, Face Detection		
Power Supply	12 VDC ± 25%, PoE(802.3af)		
Ingress Protection level	IP66 or above		
IR Range	Up to 30 m		
Certification	UL, FCC and CE		

Item No: 2 2 Mega Pixel Outdoor IR IP Bullet Camera				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
2	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR		
	Shutter Speed	1/3 s to 1/100,000 s		
	Lens	2.8 mm/4 mm/6 mm/8 mm/12 mm fixed lens, optional		
	Lens Mount	M12		
	Wide Dynamic Range	YES, 100dB or above		
	Day &Night	IR cut filter		
	Digital Noise	3DDNR		
	3-Axis Adjustment (bracket)	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°		
	Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264		
	H.264+	Support		
	H.265 Type	Main Profile		
	H.265+	Support		
	H.264 Compression Type	Main Profile/High Profile		
	Video Bit Rate	32 Kbps – 16 Mbps		
Dual Stream	Yes			

Max. Resolution	1920 × 1080		
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720)		
Sub Stream	50Hz: 25fps (640 × 360, 352 × 288)		
Third Stream	50Hz: 25fps (1920 × 1080, 1280×720, 640 × 360, 352 × 288)		
Image Settings	Support rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser and client software		
Image Enhancement	BLC/3DDNR		
ROI (Region of Interest)	Support 1 fixed region for mainstream and sub stream separately		
Day/Night Switch	Auto/Scheduled		
Alarm Trigger	Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error		
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6		
General	One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access		
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI		
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port		
Network Storage	Support microSD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR		
Smart Feature-set	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, Unattended Baggage Detection, Face Detection		
Power Supply	12 VDC ± 25%, PoE(802.3af)		
Ingress Protection level	IP66 or above		
IR Range	Up to 50 m		
Certification	UL, FCC and CE		

Item No: 3 5 Mega Pixel Indoor IR IP Bullet Camera			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
3	Image Sensor	1/2.9" Progressive Scan CMOS	
	Min. Illumination	Color: 0.001 lux @(F1.2, AGC ON), 0 lux with IR	
	Shutter Speed	1/3 s to 1/100,000 s	

Lens	2.8 mm/4 mm/6 mm/8 mm/12 mm fixed lens, optional		
Lens Mount	M12		
Wide Dynamic Range	YES, 100dB or above		
Day & Night	IR cut filter		
Digital Noise	3DDNR		
3-Axis Adjustment (bracket)	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°		
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264		
H.264+	Support		
H.265 Type	Main Profile		
H.265+	Support		
H.264 Compression Type	Main Profile/High Profile		
Video Bit Rate	32 Kbps – 16 Mbps		
Dual Stream	Yes		
Max. Resolution	2560 × 1920		
Main Stream	50Hz: 25 fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 720)		
Sub Stream	50Hz: 25fps (640 × 360, 352 × 288)		
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)		
Image Settings	Support rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser and client software		
Image Enhancement	BLC/3DDNR		
ROI (Region of Interest)	Support 1 fixed region for mainstream and sub stream separately		
Day/Night Switch	Auto/Scheduled		
Alarm Trigger	Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error		
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6		
General	One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access		
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI		
Communication Interface	1 RJ4510M/100M self-adaptive Ethernet port		
Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR		

Smart Feature-set	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, Unattended Baggage Detection, Face Detection		
Power Supply	12 VDC ± 25%, PoE(802.3af)		
Ingress Protection level	IP66 or above		
IR Range	Up to 30 m		
Certification	UL, FCC and CE		

Item No: 4 5 Mega Pixel outdoor IR IP Bullet Camera				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
4	Image Sensor	1/2.9" Progressive Scan CMOS		
	Min. Illumination	Color: 0.001 lux @(F1.2, AGC ON), 0 lux with IR		
	Shutter Speed	1/3 s to 1/100,000 s		
	Lens	2.8 mm/4 mm/6 mm/8 mm/12 mm fixed lens, optional		
	Lens Mount	M12		
	Wide Dynamic Range	YES, 100dB or above		
	Day &Night	IR cut filter		
	Digital Noise	3DDNR		
	3-Axis Adjustment (bracket)	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°		
	Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264		
	H.264+	Support		
	H.265 Type	Main Profile		
	H.265+	Support		
	H.264 Compression Type	Main Profile/High Profile		
	Video Bit Rate	32 Kbps – 16 Mbps		
	Dual Stream	Yes		
	Max. Resolution	2560 × 1920		
	Main Stream	50Hz:25 fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 720)		
	Sub Stream	50Hz: 25fps (640 × 360, 352 × 288)		
	Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)		
Image Settings	Support rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser and client software			
Image Enhancement	BLC/3DDNR			
ROI (Region of Interest)	Support 1 fixed region for mainstream and sub stream separately			

Day/Night Switch	Auto/Scheduled		
Alarm Trigger	Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error		
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6		
General	One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access		
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI		
Communication Interface	1 RJ4510M/100M self-adaptive Ethernet port		
Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR		
Smart Feature-set	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, Unattended Baggage Detection, Face Detection		
Power Supply	12 VDC \pm 25% PoE(802.3af)		
Ingress Protection level	IP66 or above		
IR Range	Up to 50 m		
Certification	UL, FCC and CE		

Item No: 5 8 Channel NVR				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
5	IP Video inputs	8-ch		
	Two Audio	1-ch BNC		
	Incoming Bandwidth	50 Mbps		
	Remote Connection	128		
	Recording Resolutions	6MP / 5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF		
	CVBS Output	Yes		
	HDMI Output	Yes		
	VGA Output	Yes		
	Audio Output	2-Ch BNC		
	Playback resolution	5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF		
	Decoding Capability	10-ch @ 720p, 5-ch @ 1080p		
	SATA	Up to 4 SATA interfaces		
	HDD Capacity	Up to 4TB capacity for each disk		
	eSATA	One Interface		

	Network interface	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface		
	Serial Interface	RS-232, RS-485		
	USB Interface	3 * USB 2.0		
	Third party IP Camera	Third party ONVIF IP camera supported		
	Certification	UL, FCC and CE		

Item No: 6 16 Channal NVR				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
6	IP Video inputs	16-ch		
	Two Audio	1-ch BNC		
	Incoming Bandwidth	100 Mbps		
	Remote Connection	128		
	Recording Resolutions	6MP / 5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF		
	CVBS Output	Yes		
	HDMI Output	Yes		
	VGA Output	Yes		
	Audio Output	2-Ch BNC		
	Playback resolution	6MP / 5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF		
	Decoding Capability	10-ch @ 720p, 5-ch @ 1080p		
	SATA	Up to 4 SATA interfaces		
	HDD Capacity	Up to 4TB capacity for each disk		
	eSATA	One Interface		
	Network interface	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface		
	Serial Interface	RS-232, RS-485		
	USB Interface	3 * USB 2.0		
Third party IP Camera	Third party ONVIF IP camera supported			
Certification	UL, FCC and CE			

Item No: 7 32 Channal NVR				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
7	IP video input	32-ch		
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1KΩ)		
	Incoming bandwidth	320Mbps		
	Outgoing bandwidth	160Mbps		
	Remote connection	128		

Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
HDMI output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
VGA Output	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
Audio output	1-ch, RCA (Linear, 1kΩ)		
Decoding Format	H.265 / H.264 / MPEG4		
Live view / Playback Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
Synchronous Playback	16-ch		
IPC Decoding Capability	4-ch @ 4K, or 16-ch @ 1080p		
SATA	4 SATA interface		
Capacity	Up to 6TB for each disk		
Network interface	2 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface		
USB interface	2 × USB 2.0 and 1 × USB 3.0		
Power supply	100-240 VAC		
Certification	UL, FCC and CE		

Item No: 8 52 Port Managed Switch				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
8	Device Type	Switch - 52 ports - L3 - managed		
	Enclosure Type	Desktop, rack-mountable - 1U		
	Ports	50 x 10/100/1000 + 2 x combo Gigabit SFP		
	Performance	Switching capacity : 100 Gbps or above ; Forwarding performance (64-byte packet size) : 75 Mpps or above		
	MAC Address Table Size	16K entries		
	Capacity	4K Active VLANs		
	Routing Protocol	Static IPv4 routing		
	Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH, CLI		
	Authentication Method	Secure Shell (SSH), RADIUS, TACACS+		

Features	Layer 3 switching, layer 2 switching, DHCP support, BOOTP support, VLAN support, IGMP snooping, Syslog support, DoS attack prevention, port mirroring, DiffServ support, Weighted Round Robin (WRR) queuing, Broadcast Storm Control, IPv6 support, Multicast Storm Control, Unicast Storm Control, firmware upgradable, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), Jumbo Frames support, MLD snooping		
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1ab (LLDP)		
RAM	128 MB		
Flash Memory	16 MB flash or above		
Status Indicators	Link activity, port transmission speed, system		
Interfaces	52 x 10Base-T/100Base-TX/1000Base-T - RJ-45 ; 1 x console - 9 pin D-Sub (DB-9) - management ; 2 x SFP (mini-GBIC)		
Power Device	Power supply - internal		
Voltage Required	AC 120/230 V (50/60 Hz)		
Rack Mounting Kit	Included		
MTBF	200,000 hour(s) or above		
Compliant Standards	UL, FCC, CSA		
Service & Support	minimum 3 years warranty and technical support		

Item No: 9 28 Port Managed Switch				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
9	Device Type	Switch - 28 ports - L3 - managed		
	Enclosure Type	Desktop, rack-mountable - 1U		
	Ports	26 x 10/100/1000 + 2 x combo Gigabit SFP		
	Power Over Ethernet (PoE)	N/A		
	Performance	Switching capacity : 50 Gbps or above ; Forwarding performance (64-byte packet size) : 40 Mpps or above		
	MAC Address Table Size	16K entries		
	Capacity	4K Active VLANs		
	Routing Protocol	Static IPv4 routing		

Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH, CLI		
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+		
Features	Layer 3 switching, layer 2 switching, DHCP support, BOOTP support, VLAN support, IGMP snooping, Syslog support, DoS attack prevention, port mirroring, DiffServ support, Weighted Round Robin (WRR) queuing, Broadcast Storm Control, IPv6 support, Multicast Storm Control, Unicast Storm Control, firmware upgradable, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), Jumbo Frames support, MLD snooping, fanless		
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1ab (LLDP)		
RAM	128 MB		
Flash Memory	16 MB flash		
Status Indicators	Link activity, port transmission speed, system		
Interfaces	28 x 10Base-T/100Base-TX/1000Base-T - RJ-45 ; 1 x console - 9 pin D-Sub (DB-9) - management ; 2 x SFP (mini-GBIC)		
Power Device	Power supply - internal		
Voltage Required	AC 120/230 V (50/60 Hz)		
Cables Included	1 x serial cable		
Rack Mounting Kit	Included		
MTBF	170,000 hour(s) or above		
Compliant Standards	UL, FCC, CSA		
Service & Support	minimum 3 years warranty and technical support		

Item No: 10 10 SFP Port Managed Switch				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
10	Device Type	Switch - 10 ports - L3 - managed		
	Enclosure Type	Desktop, rack-mountable - 1U		
	Ports	10-port Gigabit SFP (2 combo)		
	Power Over Ethernet (PoE)	N/A		

Performance	Switching capacity: 20 Gbps or above Forwarding performance (64-byte packet size): 12 Mpps or above		
MAC Address Table Size	16,000 entries		
Capacity	4000 active VLANs		
Routing Protocol	Static IPv4 routing		
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, SSH, CLI		
Authentication Method	SSH, RADIUS, TACACS+		
Features	Layer 3 switching, Layer 2 switching, DHCP support, VLAN support, IGMP snooping, Syslog support, DoS attack prevention, port mirroring, DiffServ support, Weighted Round Robin (WRR) queuing, Broadcast Storm Control, IPv6 support, Multicast Storm Control, Unicast Storm Control, firmware upgradable, STP support, RSTP support, MSTP support, TFTP support, ACL support, QoS, Jumbo Frames support, MLD snooping		
RAM	128 MB		
Flash Memory	16 MB		
Status Indicators	Link activity, port transmission speed, system		
Interfaces	10 x SFP (mini-GBIC) 2 x 10BASE-T/100BASE-TX/1000BASE-T - RJ-45 1 x console - 9 pin D-Sub (DB-9) - management		
Power Device	Internal power supply		
Voltage Required	AC 120/230V (50/60 Hz)		
Cables Included	1 x serial cable		
Rack Mounting Kit	Included		
MTBF	130,000 hours or above		
Compliant Standards	UL , FCC, CSA		
Service & Support	minimum 3 years warranty and technical support		

Item No: 11 24 Port Unmanaged Switch				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
11	Device type	Switch - 24 ports - unmanaged		
	Enclosure type	Desktop, rack-mountable		
	Ports	22 x 10/100/1000 + 2 x combo SFP		
	Power over Ethernet (PoE)	N/A		

Performance	Switching capacity: 45 Gbps or above ; Forwarding performance (64-byte packet size) : 35 Mpps or above		
MAC address table size	8000 entries		
Jumbo frame support	Yes		
Features	Flow control, Layer 2 switching, auto-negotiation, auto-uplink (auto MDI/MDI-X), Weighted Round Robin (WRR) queuing, quality of service (QoS), cable diagnostics, loop detection, Energy Efficient Ethernet		
Compliant standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3az, IEEE 802.1p, IEEE 802.3x		
Status indicators	Power, link/activity, cable diagnostics, loop detection		
Interfaces	24 x 10Base-T/100Base-TX/1000Base-T - RJ-45 ; 2 x SFP (mini-GBIC)		
Power device	Power supply - internal		
Voltage required	100-240V AC/50-60 Hz universal input		
Compliant standards	UL , FCC, CSA		
Service & Support	minimum 3 years warranty and technical support		

Item No: 12 24 port Unmanaged 1U Switch				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
12	Device type	Switch - 24 ports - unmanaged		
	Enclosure type	Rack-mountable - 1U		
	Ports	22 x 10/100/1000 + 2 x combo SFP		
	Performance	Switching capacity: 45 Gbps or above ; Forwarding performance (64-byte packet size) : 35 Mpps or above		
	MAC address table size	8000 entries		
	Features	Flow control, Layer 2 switching, auto-negotiation, auto-uplink (auto MDI/MDI-X), Weighted Round Robin (WRR) queuing, quality of service (QoS), cable diagnostics, loop detection, Energy Efficient Ethernet, Jumbo frame support		
	Compliant standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3az, IEEE 802.1p, IEEE 802.3x		
	Status indicators	Power, link/activity, cable diagnostics, loop detection		
	Interfaces	24 x 10Base-T/100Base-TX/1000Base-T - RJ-45 ; 2 x SFP (mini-GBIC)		
	Power device	Power supply - internal		
Voltage required	100-240V AC/50-60 Hz universal input			

Compliant standards	UL, FCC, CSA		
Service & Support	minimum 3 years warranty and technical support		

Item No: 13 16 port Unmanaged Switch				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
13	Device type	Switch - 16 ports - unmanaged		
	Enclosure type	Desktop, rack-mountable		
	Ports	16 x 10/100/1000		
	Power over Ethernet (PoE)	N/A		
	Performance	Switching capacity: 30 Gbps or above ; Forwarding performance (64-byte packet size) : 20 Mpps or above		
	MAC address table size	8000 entries		
	Features	Flow control, Layer 2 switching, auto-negotiation, auto-uplink (auto MDI/MDI-X), Weighted Round Robin (WRR) queuing, quality of service (QoS), cable diagnostics, loop detection, Energy Efficient Ethernet, Jumbo frame support		
	Compliant standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3az, IEEE 802.1p, IEEE 802.3x		
	Status indicators	Power, link/activity, cable diagnostics, loop detection		
	Interfaces	16 x 10Base-T/100Base-TX/1000Base-T - RJ-45		
	Power device	Power supply - internal		
	Voltage required	100-240V AC/50-60 Hz universal input		
	Compliant standards	UL, FCC, CSA		
Service & Support	minimum 3 years warranty and technical support			

Item No: 14 8 port Unmanaged Switch				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
14	Device type	Switch - 8 ports - unmanaged		
	Enclosure type	Desktop		
	Ports	8 x 10/100/1000		
	Performance	Switching capacity: 15 Gbps or above ; Forwarding performance (64-byte packet size) : 10 Mpps or above		
	MAC address table size	4000 entries		

Features	Flow control, Layer 2 switching, auto-negotiation, auto-uplink (auto MDI/MDI-X), Weighted Round Robin (WRR) queuing, quality of service (QoS), cable diagnostics, loop detection, Energy Efficient Ethernet, Jumbo frame support		
Compliant standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3az, IEEE 802.1p, IEEE 802.3x		
Status indicators	Power, link/activity, cable diagnostics, loop detection		
Interfaces	8 x 10Base-T/100Base-TX/1000Base-T - RJ-45		
Power device	Power adapter - external		
Voltage required	DC 12 V		
Compliant standards	UL, FCC, CSA		
Service & Support	minimum 3 years warranty and technical support		

Item No: 15 16 port POE Unmanaged Switch				
Sr. No	Item Minimum Specification		Matched /Not Matched	Deviation /Remarks (if any)
15	Device type	Switch - 16 ports - unmanaged		
	Enclosure type	Desktop, rack-mountable		
	Ports	16 x 10/100/1000		
	Power over Ethernet (PoE)	PoE		
	Performance	Switching capacity: 30 Gbps or above ; Forwarding performance (64-byte packet size) : 20 Mpps or above		
	MAC address table size	8000 entries		
	Features	Flow control, Layer 2 switching, auto-negotiation, auto-uplink (auto MDI/MDI-X), Weighted Round Robin (WRR) queuing, quality of service (QoS), cable diagnostics, loop detection, Energy Efficient Ethernet, Jumbo frame support		
	Compliant standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3az, IEEE 802.1p, IEEE 802.3x, 802.3af		
	Status indicators	Power, link/activity, PoE, cable diagnostics, loop detection		
	Interfaces	16 x 10Base-T/100Base-TX/1000Base-T - RJ-45		
	Power device	Power supply - internal		
	Voltage required	100-240V AC/50-60 Hz universal input		
	Compliant standards	UL, FCC, CSA		

	Service & Support	minimum 3 years warranty and technical support		
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Item No: 16 8 port POE Unmanaged Switch			
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Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
16	Device type	Switch - 8 ports - unmanaged;	
	Enclosure type	Desktop	
	Ports	8 x 10/100/1000	
	Power over Ethernet (PoE)	PoE	
	Performance	Switching capacity: 15 Gbps or above ; Forwarding performance (64-byte packet size) : 10 Mpps or above	
	MAC address table size	4000 entries	
	Features	Flow control, Layer 2 switching, auto-negotiation, auto-uplink (auto MDI/MDI-X), Weighted Round Robin (WRR) queuing, quality of service (QoS), cable diagnostics, loop detection, Energy Efficient Ethernet, Jumbo frame support	
	Compliant standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3az, IEEE 802.1p, IEEE 802.3x, 802.3af	
	Status indicators	Power, link/activity, PoE, cable diagnostics, loop detection	
	Interfaces	8 x 10Base-T/100Base-TX/1000Base-T - RJ-45 - PoE	
	Power device	Power adapter - external	
Service & Support	minimum 3 years warranty and technical support		

Item No: 17 16 port 10/100/1000 Mbps POE Switch with Minimum 8 POE port			
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Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
17	Supply of 16 Port 10/100/1000 Mbps PoE Switch with minimum 08 PoE Ports with 64 W dedicated power budget		

Item No: 18 26 Port PoE Smart Switch			
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Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
18	Device Type	Switch - 26 ports	
	Enclosure Type	Rack-mountable	

Ports	24 x 10/100/1000 + 2 x combo Gigabit SFP		
Power Over Ethernet (PoE)	PoE		
Performance	Switching capacity : 50 Gbps or above : Forwarding performance (64-byte packet size) : 35 Mpps or above		
MAC Address Table Size	8000 entries		
Remote Management Protocol	SNMP, RMON, HTTP, TFTP		
Encryption Algorithm	MD5		
Authentication Method	RADIUS		
Features	Layer 2 switching, DHCP support, power over Ethernet (PoE), BOOTP support, VLAN support, IGMP snooping, Syslog support, port mirroring, DiffServ support, Weighted Round Robin (WRR) queuing, Broadcast Storm Control, IPv6 support, Multicast Storm Control, Unicast Storm Control, SNTP support, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP), Trivial File Transfer Protocol (TFTP) support, Quality of Service (QoS), Jumbo Frames support, MLD snooping, SNMP, RMON, SNTP, , Auto SmartPorts		
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, 802.3afPoE		
RAM	128 MB		
Flash Memory	16 MB		
Status Indicators	Link activity, port transmission speed, system, PoE		
Interfaces	26 x 10Base-T/100Base-TX/1000Base-T - RJ-45 26 x 10Base-T/100Base-TX/1000Base-T - RJ-45 - PoE 2 x SFP (mini-GBIC)		
Power Device	Power supply - internal		
Voltage Required	100-240V AC/50-60 Hz universal input		
Mounting Kit	Included		
MTBF	200,000 hour(s) or above		
Compliant Standards	UL , FCC, CSA		
Service & Support	minimum 3 years warranty and technical support		

Item No: 19 Surveillance Hard Disk – 2TB			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
19	Surveillance Hard Disk 2TB, SATA, should be compatible with quoted NVR		

Item No: 20 Surveillance Hard Disk – 4TB			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
20	Surveillance Hard Disk 4TB, SATA, should be compatible with quoted NVR		

Item No: 21 CAT6 UTP Cable			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
21	CAT6 UTP Cable		

Item No: 22 CAT6 UTP 24 Port Patch Panel			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
22	CAT6UTP 24 Port Patch Panel		

Item No: 23 CAT6 UTP Information Outlet			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
23	CAT6 UTP Information Outlet with SMB and Face Plate		

Item No: 24 CAT6 UTP Patch Cord – 1 Mtr.			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
24	CAT6UTP Patch Cord – 1 Mtr		

Item No: 25 CAT6 UTP Patch Cord – 2 Mtr.			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
25	CAT6UTP Patch Cord – 2Mtr.		

Item No: 26, 6 Core Single Mode OFC Cable			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
26	6 Core Single mode OFC Cable should be Loose Tube(Unitube) Type outdoor Cable		

Item No: 27 SC-SC Single Mode Duplex OFC Patch Cord 1 Mtr.			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
27	SC-SC Single Mode Duplex OFC Patch Cord- 1m length		

Item No: 28 OFC Pigtail – 1mtr			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
28	OFC Pigtail – 1m length		

Item No: 29, 12 Way Wall Mount Loaded LIU			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
29	12 Way Wall Mount Loaded LIU should be loaded with required Connectors and Couplers and blank plates		

Item No: 30 Single Mode Transceiver			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
30	Single Mode Transceiver(SFP)		

Item No: 31 Media Convertors (OFC to UTP)			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
31	Media Convertors 10/100/1000 mbps (OFC to UTP)		

Item No: 32 Outdoor Access Point			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
32	Wi-Fi Standards Dual-Radio 802.11a/b/g/n ,Standard Data Rates- up to 300 Mbps, Dual band supportive(2.4 ghz and 5ghz), High Speed 2x2MIMO outdoor Access Point should have Networking Interface (2) 10/100 Ethernet Ports, Power Method - Power over Ethernet, Antennas (2) External 4.5 dBi Omni Antennas should be Included, Managed & Autonomous Mode, Authentication- Secure Web page, RADIUS based 802.1x including EAP-SIM/AKA, AP-PEAP, EAP-TTLS, and EAP-TLS, Client Isolation, DHCP Server, Scheduled SSID-Turns SSID ON/OFF on a daily/weekly/time of day basis, Fast Roaming, Power Method - Power over Ethernet, Maximum Power Consumption 7W, Maximum TX Power 30 dBm, SSID Up to Eight Per Radio, Wireless Security WPA2 Enterprise and WPA2PSK, WPA-TKIP, WPA2 AES, Concurrent Clients 125+. Mounting Wall and Pole (Kits Included)		

Item No: 33 Point to Point Wireless Link			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)

33	<p>System should be able to perform as Point-to-Point and Point-to-Multipoint without changing Hardware, +30 dBm (double chain combined), configurable in 1dB Step, Radio system should operate in India ISM Band (5.8GHz) as per WPC Regulation, System must support 5MHz / 10MHz / 20MHz / 40 MHz Channel Bandwidth, 25 dBi Integrated Dish Antenna, Single Cable between IDU&ODU, Should have integrated dish antenna of at least 25 dBi gain, shall support at least for 15 KMs, 128 bit AES Encryption, System must deliver actual/usable aggregate throughput of at least 100 Mbps in 20 MHz Channel Bandwidth, System must support 100Base(T) half/full duplex, rate auto negotiated - 802.3af compliant, System should have support of IPv4, UDP, TCP, IP, ICMP, SSH, SNMPv2c, HTTPS, FTP, Typical latency shall not exceed 18ms roundtrip, System should have inbuilt surge protection mechanism up to 1 Joule, System must support Layer 3 firewall based on IP Address, Network and DSCP/TOS., System must support Spectrum analyzer tool to find the best available frequency to be used., system must also support Secondary Ethernet Port which can be directly connected to IP Camera, Shall support IP55 or better protection Mounting Wall and Pole (Kits Included)</p>	
----	--	--

Item No: 34 9U Network Rack			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
34	9 U Network Rack - should be supplied with 06 Socket AC Panel, 1 Fan, Hardware pack. Bidder has to carry out installation/fixing		

Item No: 35 15U Network Rack			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
35	15 U Network Rack - should be supplied with 06 Socket AC Panel, 1 Fan, Hardware pack. Bidder has to carry out installation/fixing		

Item No: 36 Junction Boxes			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
36	Weather Proof Junction Boxes for Networking / CCTV Power Supply (ABS PLASTIC / FIBRE)		

Item No: 37 Conduit Pipe			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
37	1.5" or higher Conduit pipe for laying of CCTV cables		

Item No: 38 HDPE Pipe			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
38	32 MM HDPE Pipe for Laying OFC / UTP Cable		

Item No: 39 LC-SC Single Mode Duplex OFC Patch Cord 2Mtr			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
39	LC-SC Single Mode Duplex OFC Patch Cord- 2m length		

Item No: 40 LC-LC Single Mode Duplex OFC Patch Cord 2Mtr.			
Sr. No	Item Minimum Specification	Matched /Not Matched	Deviation /Remarks (if any)
40	LC-LC Single Mode Duplex OFC Patch Cord- 2m length		

Section 6

Price Bid Format

Sr. No	Item	Qty	Unit Price With 3 Year Warranty (In Rs.) (Without GST Tax)	Total Price With 3 Years Warranty (In Rs.) (Without GST Tax)	Rate of GST if any (%)
A	B	C	D	E=(C*D)	H
1	2 Mega Pixel Indoor IR IP Dome Camera	5			
2	2 Mega Pixel Outdoor IR IP Bullet Camera	40			
3	5 Mega Pixel Indoor IR IP Dome Camera	10			
4	5 Mega Pixel Outdoor IR IP Bullet Camera	40			
5	08 Channel NVR	2			
6	16 Channel NVR	8			
7	32 Channel NVR	5			
8	52 port managed switch	8			
9	28 port managed switch	10			
10	10-SFP port managed switch	1			
11	24 port unmanaged switch	15			
12	24 port unmanaged 1U switch	5			
13	16 port unmanaged switch	8			
14	8 port unmanaged switch	20			
15	16 port PoE unmanaged switch	15			
16	8 port PoE unmanaged switch	15			
17	16 Port 10/100/1000 Mbps PoE Switch	5			
18	26 port PoE smart switch	10			
19	Surveillance Hard Disk – 2TB	10			
20	Surveillance Hard Disk – 4TB	17			
21	CAT6UTP Cable (305 meter in one Box) (per meter) including Laying of UTP Cable in Conduit Pipe- per Mtr.	6100			
22	CAT6UTP 24 Port Patch Panel	5			
23	of CAT6UTP Information Outlet with SMB and Face Plate including laying	100			
24	CAT6 UTP Patch Cord – 1 Mtr.	100			
25	CAT6 UTP Patch Cord – 2 Mtr	50			
26	6 Core Single Mode OFC Cable including Digging of Soft Soil, Laying of OFC cable in	1000 mtr.			

	HDPE Pipe & Refilling – per Mtr.				
27	SC-SC Single Mode Duplex OFC Patch Cord 1 Mtr	20			
28	OFC Pigtail – 1mtr	18			
29	12 Way Wall Mount Loaded LIU	8			
30	Single Mode Transceiver	10			
31	Media Convertors 10/100/1000mbps (OFC to UTP)	20			
32	Outdoor Access Point including installation charges	40			
33	Point to Point Wireless Link	8			
34	9U Network Rack including installation charges	20			
35	15 U Network Rack including installation charges	20			
36	Junction Boxes	8			
37	Conduit Pipe including laying	1000 mtr.			
38	HDPE Pipe including installation charges	1000 mtr.			
39	LC-SC Single Mode Duplex OFC Patch Cord 2 Mtr	15			
40	LC-LC Single Mode Duplex OFC Patch Cord 2 Mtr	17			

Note:

1. Rate to be filled should be inclusive of Excise, Packing/ Forwarding, Insurance, FOR destination (anywhere in the Gujarat state) supply and installation as well as with applicable warranty.
2. Financially L1 bidder will be decided from the sum total of prices for all line items without tax with 3 years warranty.
3. The above mentioned quantity is estimated and for evaluation purpose only, however actual quantity may vary as per the requirement/budgetary provision.
4. During bid validity period, mentioned items may be purchase in parts as per requirements/ budgetary provision.
5. For evaluation purpose, the CAT6 UTP cable, CCTV cable & 1.5" White PVC Pipe including Labor Charges has been taken approximately and 6 Core Single Mode Fiber cable, 32MM HDPE Pipe and Laying for HDPE, FIBER along with Digging and Refilling of Hard / Soft Soil for the fiber connectivity has been taken approximately. However, at the time of the implementation, the actual consumption will be taken into account at the finalized rate and payment will be made on actual work carried out.

Section - 7

Performa of Compliance letter/Authenticity of Information Provided

(On Non judicial Stamp paper of 100 duly attested by the First class Magistrate/Notary Public)

Date:

To,
DGM(Tech.)
Gujarat Informatics Ltd.
Block No.1, 8th Floor,
Udyog Bhavan, Gandhinagar.

Sub: Compliance with the Tender Terms & Conditions, Specifications and Eligibility Criteria.

Ref: RFP.NO. GILJAU\Video Surveillance\2017-18

Dear Sir,

With reference to above referred tender, I, undersigned <<Name of Signatory>>, in the capacity of <<Designation of Signatory>>, is authorized to give the undertaking on behalf of <<Name of the bidder>>.

We wish to inform you that we have read and understood the technical specification and total requirement of the above mentioned bid submitted by us on **DD.MM.YYYY**.

We hereby confirm that all our quoted items meet or exceed the requirement and are absolutely compliant with specifications mentioned in the bid document.

We also explicitly understand that all quoted items meet technical specification of the bid & that such technical specification overrides the brochures/standard literature if the same contradicts or is absent in brochures.

In case of breach of any tender terms and conditions or deviation from bid specification other than already specified as mentioned above, the decision of GIL Tender Committee for disqualification will be accepted by us.

The Information provided in our submitted bid is correct. In case any information provided by us are found to be false or incorrect, you have right to reject our bid at any stage including forfeiture of our EMD/ PBG/cancel the award of contract. In this event, GIL reserves the right to take legal action on us.

Thanking you,

Dated this _____ day of _____ 2017

Signature: _____

(In the Capacity of) : _____

Duly authorized to sign bid for and on behalf of

Note: This form should be signed by authorized signatory of bidder

Annexure A

Format of Earnest Money Deposit in the form of Bank Guarantee

Ref: Bank Guarantee No.
Date:

To,

DGM (Technical)

Gujarat Informatics Limited
8th Floor, Block -1, Udyog Bhavan,
Sector - 11, Gandhinagar - 382017
Gujarat, India

Whereas ----- (here in after called "the Bidder")) has submitted its bid dated ----- in response to the RFP.NO. GIL\JAU\Video Surveillance\2017-18 Bid for Selection of Agency for Supply, Installation, Commissioning and warranty support of various Equipments for the Implementation of Video Surveillance System for Junagadh Agriculture University KNOW ALL MEN by these presents that WE ----- having our registered office at ----- (hereinafter called "the Bank") are bound unto the Gujarat Informatics Limited in the sum of ----- for which payment well and truly to be made to Gujarat Informatics Limited , the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this -----day of -----2017.

THE CONDITIONS of this obligation are:

1. The E.M.D. may be forfeited:
 - a. if a Bidder withdraws its bid during the period of bid validity
 - b. Does not accept the correction of errors made in the tender document;
 - c. In case of a successful Bidder, if the Bidder fails:
 - (i) To sign the Contract as mentioned above within the time limit stipulated by purchaser or
 - (ii) To furnish performance bank guarantee as mentioned above or
 - (iii) If the bidder is found to be involved in fraudulent practices.
 - (iv) If the bidder fails to submit the copy of purchase order & acceptance thereof.

We undertake to pay to the GIL/Purchaser up to the above amount upon receipt of its first written demand, without GIL/ Purchaser having to substantiate its demand, provided that in its demand GIL/ Purchaser will specify that the amount claimed by it is due to it owing to the occurrence of any of the abovementioned conditions, specifying the occurred condition or conditions.

This guarantee will remain valid up to **9 months** from the date of bid submission. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that if this guarantee is extended for a period as mutually agreed between bidder & owner/purchaser, the guarantee shall be valid for a period so extended provided that a written request for such extension is received before the expiry of validity of guarantee.

The Bank shall not be released of its obligations under these presents by any exercise by the OWNER/PURCHAER of its liability with reference to the matters aforesaid or any of them or by reason or any other acts of omission or commission on the part of the OWNER/PURCHASER or any other indulgence shown by the OWNER/PURCHASER or by any other matter or things.

The Bank also agree that the OWNER/PUCHASER at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the SELLER and not withstanding any security or other guarantee that the OWNER/PURCHASER may have in relation to the SELLER's liabilities.

Dated at _____ on this _____ day of _____ 2017.

Signed and delivered by

For & on Behalf of

Name of the Bank & Branch &
Its official Address

(Approved Bank: All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time)

Section - 8

Performa of Contract-cum-Equipment

Performance Bank Guarantee

(To be stamped in accordance with Stamp Act)

Ref:

Bank Guarantee No.

Date:

To

Name & Address of the Purchaser/Indenter

Dear Sir,

In consideration of <<**Name & Address of the Purchaser/Indenter, Government of Gujarat, Gandhinagar**>> (hereinafter referred to as the OWNER/PURCHASER which expression shall unless repugnant to the context or meaning thereof include successors, administrators and assigns) having awarded to M/s.
..... having Principal Office at (hereinafter referred to as the "SELLER" which expression shall unless repugnant to the context or meaning thereof include their respective successors, administrators, executors and assigns) the supply of _____ by issue of Purchase Order No..... Dated issued by Gujarat Informatics Ltd. ,Gandhinagar for and on behalf of the OWNER/PURCHASER and the same having been accepted by the SELLER resulting into CONTRACT for supplies of materials/equipments as mentioned in the said purchase order and the SELLER having agreed to provide a Contract Performance and Warranty Guarantee for faithful performance of the aforementioned contract and warranty quality to the OWNER/PURCHASER, _____ having Head Office at (hereinafter referred to as the 'Bank' which expressly shall, unless repugnant to the context or meaning thereof include successors, administrators, executors and assigns) do hereby guarantee to undertake to pay the sum of Rs. _____ (Rupees _____) to the OWNER/PURCHASER on demand at any time up to _____ without a reference to the SELLER. Any such demand made by the OWNER/PURCHASER on the Bank shall be conclusive and binding notwithstanding any difference between Tribunals, Arbitrator or any other authority.

The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that the guarantee herein contained shall continue to be enforceable till the OWNER/PURCHASER discharges this guarantee. OWNER/PURCHASER shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance by the SELLER of the aforementioned CONTRACT. The OWNER/PURCHASER shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the SELLER, and to exercise the same at any time in any manner, and either to enforce to forebear to enforce any covenants contained or implied, in the aforementioned CONTRACT between the OWNER/PURCHASER and the SELLER or any other course of or remedy or security available to the OWNER/PURCHASER.

The Bank shall not be released of its obligations under these presents by any exercise by the OWNER/PURCHAER of its liability with reference to the matters aforesaid or any of them or by reason or

any other acts of omission or commission on the part of the OWNER/PURCHASER or any other indulgence shown by the OWNER/PURCHASER or by any other matter or things.

The Bank also agree that the OWNER/PUCHASER at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the SELLER and not withstanding any security or other guarantee that the OWNER/PURCHASER may have in relation to the SELLER's liabilities.

Notwithstanding anything contained herein above our liability under this Guarantee is restricted to Rs. _____ (Rupees _____) and it shall remain in force up to and including _____ and shall be extended from time to time for such period as may be desired by the SELLER on whose behalf this guarantee has been given.

Dated at _____ on this _____ day of _____ 2017.

Signed and delivered by

For & on Behalf of

Name of the Bank & Branch &
Its official Address

List of approved Banks

(Approved Bank: All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time)

CONTRACT FORM

THIS AGREEMENT made on the _____ day of _____, 20 ____ Between _____ (Name of purchaser) of _____ (Country of Purchaser) hereinafter "the Purchaser" of the one part and _____ (Name of Supplier) of _____ (City and Country of Supplier) hereinafter called "the Supplier" of the other part :

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz., _____ (Brief Description of Goods and Services) and has accepted a bid by the Supplier for the supply of those goods and services in the sum of _____ (Contract Price in Words and Figures) hereinafter called "the Contract Price in Words and Figures" hereinafter called "the Contract Price."

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS :

- 1 In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
- 2 The following documents shall be deemed to form and be read and construed as part of this Agreement, viz. :
 - 2.1 the Bid Form and the Price Schedule submitted by the Bidder;
 - 2.2 terms and conditions of the bid
 - 2.3 the Purchaser's Notification of Award
- 3 In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
- 4 The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
- 5 Particulars of the goods and services which shall be supplied / provided by the Supplier are as enlisted in the enclosed annexure :

TOTAL VALUE:

DELIVERY SCHEDULE:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said _____ (For the Purchaser)

in the presence of _____

Signed, Sealed and Delivered by the

said _____ (For the Supplier)

in the presence of _____

Section - 9 Annexure

Bid Processing Fees & Earnest Money Deposit Details:

Sr. No.	Item	Amount (In Rs.)	Name & branch of the bank	Demand Draft No./Date
1	Bid Processing Fees			
2	Earnest Money Deposit (E.M.D.)			

ELIGIBILITY CRITERIA

Form no. E1: Financial strength of the bidder:

Sr. No.	Turnover in Crore			Audited Accounts Submitted? (Yes/No)
FY				

Note: Please fill this form and upload Audited Annual Accounts for the last three financial years.

Form no. E2: Bidder's Office in GUJARAT:

Sr. No.	Address	Contact Person	Contact nos.	Type of supporting document attached
1				
2				

Note: Please fill this form and submit the supporting documents. Failing the same may lead to the rejection of the bid. You may mention more than one office (if applicable) by adding multiple rows which may be added by "NUMBER OF ROWS TO ADD".

Form no. E3: Bidder's Experience in installation of minimum 05 LAN/WAN system with minimum 50 nodes and operational in the campus or different campus.

Sr. No.	Name of the Customer	Address of Installation	Start Date of Project	Completion Date of the Project	Scope of Work. Also specify the system installed	Specify No. of Active & Passive Components	Value of the project in Rs.	No. of Nodes installed
1								
2								
.								

Note: Please fill this form and upload necessary supporting documents like copies of purchase order / contract agreement and completion certificate for each of project details mentioned, as a proofs in the eligibility section. You may add the customer references by adding multiple rows which may be added by "NUMBER OF ROWS TO ADD".

Form no. E4: Bidder's Experience of executing CCTV Camera / Surveillance System Project:

Sr. No.	Name of the Organization	Address of installation	P.O/ W.O. Date	No. of IP CCTV Cameras Installed	Value of the project in Rupees	Document attached or not?
1						
2						

Note: Please fill this form and upload necessary supporting documents like copies of purchase order / contract agreement and completion certificate for each of project details mentioned, as a proofs in the eligibility section. You may add the customer references by adding multiple rows which may be added by "NUMBER OF ROWS TO ADD".

Form no. E5: Engineer's Details/ Manpower Details of Bidder:

Sr. No.	Name of Engineer	Date of Joining the Organization	Engineer's Contact Details	Education Qualification	Experience Details	Involved in project (Name of project)
1						
2						
.						

Note: Please fill this form and upload the necessary supporting proof/document for above details. You may add the customer references by adding multiple rows which may be added by "NUMBER OF ROWS TO ADD".

Form no. E6: Authorization Letters:

Sr. No.	Item	Make & Model	Name of OEM	Authorization Certificate Attached? (Yes/No)
1	2 Mega Pixel Indoor IR IP Dome Camera			
2	2 Mega Pixel Outdoor IR IP Bullet Camera			
3	5 Mega Pixel Indoor IR IP Dome Camera			
4	5 Mega Pixel Outdoor IR IP Bullet Camera			
5	08 Channel NVR			
6	16 Channel NVR			
7	32 Channel NVR			
8	52 port managed switch			
9	28 port managed switch			
10	10-SFP port managed switch			
11	24 port unmanaged switch			
12	24 port unmanaged 1U switch			
13	16 port unmanaged switch			
14	8 port unmanaged switch			
15	16 port PoE unmanaged switch			
16	8 port PoE unmanaged switch			
17	16 Port 10/100/1000 Mbps PoE Switch			
18	26 port PoE smart switch			
19	Surveillance Hard Disk – 2TB			
20	Surveillance Hard Disk – 4TB			
21	CAT6 UTP Cable (305 meter in one Box)			
22	CAT6 UTP 24 Port Patch Panel			
23	of CAT6 UTP Information Outlet			
24	CAT6 UTP Patch Cord – 1 Mtr.			
25	CAT6 UTP Patch Cord – 2 Mtr			
26	6 Core Single Mode OFC			
27	12 Way Wall Mount Loaded LIU			
28	SC-SC Single Mode Duplex OFC Patch Cord – 1Mtr			
29	OFC Pigtail – 1 Mtr			
30	Single Mode Transceiver			
31	Media Converters 10/100/1000 (OFC to UTP)			
32	Outdoor Access Point including installation charges			
33	Point to Point Wireless Link			
34	LC-SC Single Mode Duplex OFC Patch Cord – 2Mtr			

35	LC-LC Single Mode Duplex OFC Patch Cord – 2Mtr			
----	---	--	--	--

Note: Please upload necessary supporting proofs in eligibility section.

Form no. E7: Office and Service Center in India of OEM / IP CCTV Camera Product Company:

Sr. No.	Address	Contact Person	Contact nos.	Type of supporting document attached
1				
2				

Note: Please fill this form and submit the supporting documents. Failing the same may lead to the rejection of the bid. You may mention more than one office (if applicable) by adding multiple rows which may be added by “NUMBER OF ROWS TO ADD”.

Form no. E8: Experience of OEM / IP CCTV Camera Product Company:

Sr. No.	Name of the Organization	Address of installation	P.O/ W.O. Date	No. of IP CCTV Cameras Installed	Value of the project in Rupees	Document attached or not?
1						
2						
.						

Note: Please fill this form and upload necessary supporting documents like copies of purchase order / contract agreement and completion certificate for each of project details mentioned, as a proofs in the eligibility section. You may add the customer references by adding multiple rows which may be added by “NUMBER OF ROWS TO ADD”.

Form no. E9: ISO 9001:2008 Certification for Manufacturing:

Sr. No.	Item	Make and Model	Name of OEM	ISO Certification valid up to	ISO Certification Uploaded? (Yes/No)
1	2 Mega Pixel Indoor IR IP Dome Camera				
2	2 Mega Pixel Outdoor IR IP Bullet Camera				
3	5 Mega Pixel Indoor IR IP Dome Camera				
4	5 Mega Pixel Outdoor IR IP Bullet Camera				
5	08 Channel NVR				
6	16 Channel NVR				
7	32 Channel NVR				
8	52 port managed switch				
9	28 port managed switch				
10	10-SFP port managed switch				
11	24 port unmanaged switch				
12	24 port unmanaged 1U switch				
13	16 port unmanaged switch				
14	8 port unmanaged switch				
15	16 port PoE unmanaged switch				
16	8 port PoE unmanaged switch				

17	16 Port 10/100/1000 Mbps PoE Switch				
18	26 port PoE smart switch				
19	Surveillance Hard Disk – 2TB				
20	Surveillance Hard Disk – 4TB				
21	CAT6 UTP Cable (305 meter in one Box)				
22	CAT6 UTP 24 Port Patch Panel				
23	CAT6 UTP Information Outlet				
24	CAT6 UTP Patch Cord – 1 Mtr.				
25	CAT6 UTP Patch Cord – 2 Mtr				
26	6 Core Single Mode OFC				
27	12 Way Wall Mount Loaded LIU				
28	SC-SC Single Mode Duplex OFC Patch Cord – 1Mtr				
29	OFC Pigtail – 1 Mtr				
30	Single Mode Transceiver				
31	Media Converters 10/100/1000 (OFC to UTP)				
32	Outdoor Access Point including installation charges				
33	Point to Point Wireless Link				
34	LC-SC Single Mode Duplex OFC Patch Cord – 2Mtr				
35	LC-LC Single Mode Duplex OFC Patch Cord – 2Mtr				

Note: Please fill this form and upload the supporting documents in scanned format.