

RFP Document



Request for proposal (RFP) for Selection of Implementing Agency for Supply, Installation, Commissioning and Operations & Maintenance of CCTV Video Surveillance System at Sardar Patel Institute of Public Administration (SPIPA) – Ahmedabad & its various Regional Training Centers on behalf of Office of the Director General of SPIPA, Ahmedabad, Government of Gujarat.

RFP. NO. GIL\SPIPA\VIDEO SURVEILLANCE\2019-20 DATE: 21.08.2019

Issued by:



Gujarat Informatics Ltd

Block no. 2, 2nd Floor, Karmayogi Bhavan, Sector-10, Gandhianagar-382010, Gujarat
Phone No. 079 23256022, 23259239 Fax: 079 23238925; www.gil.gujarat.gov.in

Important Date & Time

Pre Bid Meeting:

Date & Time: 31.08.2019, 1500 hrs.

Venue: Gujarat Informatics Limited
Block No.2, 2nd floor, Karmayogi Bhavan,
Sector 10 A, Gandhinagar – 382 010

Bid Due Date: 13.09.2019 up to 1500 hrs.

Un-priced Bid Opening:

Date & Time: 13.09.2019 at 1700 hrs.

Venue: Gujarat Informatics Limited
Block No.2, 2nd floor, Karmayogi Bhavan,
Sector 10 A, Gandhinagar – 382 010

Note: Please address all queries and correspondence to

DGM (Tech)

Gujarat Informatics Limited,
Block No.2, 2nd floor, Karmayogi Bhavan,
Sector 10 A, Gandhinagar – 382 010
Phone: 079 - 232 56022
E-mail: viveku@gujarat.gov.in

DISCLAIMER

The information contained in this Request for Proposal (RFP) document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the TENDERER or any of their employees or consultants, is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

The purpose of this RFP is to provide interested parties with information that may be useful to them in eliciting their financial offers (the "Proposal") pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the TENDERER, in relation to the RFP. Such assumptions, assessments and statements do not purport to contain all the information that each bidder may require. This RFP may not be appropriate for all persons, and it is not possible for TENDERER, its employees or Consultants to consider the investment objectives, financial situation and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each bidder should, therefore, conduct its own surveys and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this RFP and obtain independent advice from appropriate sources before filling up the RFP. Any deviation in the specification or proposed solutions will be deemed as incapability of the respective Agency and shall not be considered for final evaluation process.

Information provided in this document to the Bidder(s) is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The TENDERER accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The TENDERER - its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, completeness, delay or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way during the Bidding process.

Introduction

Gujarat Informatics Limited (GIL), on behalf of Office of the Director General of SPIPA, Ahmedabad (herein after referred as the “TENDERER”) invites the bid for Selection of Implementing Agency for Supply, Installation, Commissioning and Operations & Maintenance of CCTV Video Surveillance System at Sardar Patel Institute of Public Administration (SPIPA) – Ahmedabad and its various Regional Training Centres (the details are as per Annexure I) on behalf of Office of the Director General of SPIPA, Ahmedabad, Government of Gujarat.

The selected Agency shall be fully capable and experienced in the work of carrying out 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. 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) Bidder shall submit their bids on <https://www.gil.nprocure.com>.
- 2) The Bidder will have to remit Non-Refundable Bid Processing Fees of **Rs. 2,950/-** & Earnest Money Deposit (E.M.D.) of **Rs. 80,000/-** (Eighty Thousand Only) (Refundable) **on or before the date & hours of submission of bid (i.e.13.09.2019 up to 1500 Hrs)** in a sealed cover at GIL office with the heading “Bid processing fees & EMD for RFP NO. GIL\SPIPA\Video Surveillance\2019-20 for Selection of Agency for Supply, Installation, Commissioning and warranty & Maintenance support of various Equipment’s for the Implementation of Video Surveillance System at Training center.
 - a. 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.
 - b. 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 (operating in India having branch at Ahmedabad/ Gandhinagar) in the name of “Gujarat Informatics Ltd.” payable at Gandhinagar (as per prescribed format given at as per prescribed format given at Annexure A) and must be submitted along with the covering letter.
 - c. Please affix the stamp of your company on the overleaf of demand draft.
 - d. **Note:** Failing to submit physical covers of EMD and bid processing fees at GIL on or before **13.09.2019 up to 1500 Hrs** may lead to the rejection of the bid
- 3) Bid complete in all respects should be uploaded on or before the Bid due date.
- 4) 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) **The Bidder may quote only one option i.e. one Make and model can be quoted against each line item.** Bidders are required to mention Make and Model of the product (Do not write “OEM” against items).
- 6) 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) 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. 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.

Abbreviations

Abbreviation	Description
BoQ/BoM	Bill of Quantity/Material
EMD	Earnest Money Deposit
FAT	Final Acceptance Testing
GIL	Gujarat Informatics Limited
IP	Internet Protocol
LoI	Letter of Intent
NMS	Network Monitoring System
NVR	Network Video Recorder
O&M	Operations and Maintenance
PBG	Performance Bank Guarantee
PoE	Power Over Ethernet
SOP	Standard Operating Procedure
SoW	Scope of Work

DEFINITIONS: In this document, the following terms shall have following respective meanings:

- 1) "TENDERER" here shall mean "Office of the Director General of SPIPA – Ahmedabad and its various Regional Training Centers, Government of Gujarat / Gujarat Informatics Limited (GIL)."
- 2) "Agreement" means the Service Level Agreement to be signed between the successful bidder and TENDERER including all attachments, appendices, all documents incorporated by reference thereto together with any subsequent modifications, the RFP, the bid offer, the acceptance and all related correspondences, clarifications, presentations.
- 3) "Authorized Representative" shall mean any person/authorized by either of the parties.
"Bidder" means any agency who fulfils the requirement laid in the RFP documents and is possess the required expertise and experience as per the RFP document. The word Bidder when used in the pre-award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder with whom the TENDERER Signs the Service Level Agreement for executing the said project.
- 4) "Contract" is used synonymously with Agreement.
- 5) "Corrupt Practice" means the offering, giving, receiving or soliciting of anything of value or influence the action of a public official in the process of Contract execution.
- 6) "Days" means calendar days in a week, month or year.
- 7) "Default Notice" means the written notice of Default of the Agreement issued by one Party to the other in terms hereof.
- 8) "Final Acceptance Test (FAT)" means the acceptance testing of the network End Points/ Access Points commissioned for the project at all/specified locations.
- 9) "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 non-competitive levels and to deprive TENDERER of the benefits of free and open competition.

- 10) "Good Industry Practice" means the exercise of that degree of skill, diligence and prudence which would reasonably and ordinarily be expected from a reasonably skilled and experienced Operator engaged in the same type of undertaking under the same or Similar circumstances.
- 11) "Implementation Period" shall mean the period from the date of Formal Work order and up to the issuance of Final Acceptance Test.
- 12) "Law" shall mean any act, notification, by-law, rules and regulations, directive, ordinance, order or instruction having the force of law enacted or issued by the Central Government and/ or the Government of Gujarat or any other Government or regulatory authority or political subdivision of government.
- 13) "Request for Proposal", means the detailed notification seeking a set of solutions(s), services(s), materials and/or any combination of them.
- 14) "Site" means the location(s) of the SPIPA, Ahmedabad and its various Regional Training Centers.
- 15) "Service" means provision of Contracted service viz., operation, maintenance and associated services for this project.
- 16) "Service Down Time" (SDT) means the time period when specified services/network segments with specified technical and operational requirements as mentioned in this document are not available to TENDERER. The service shall be operational on all days of a year and 24-hours/ day with in the uptime specified in the Service Level Agreement (SLA). The service is considered as operational when all centers/ Sites at all tiers/ levels are working, providing all/ specified services as mentioned in full capacity at all locations in the network.
- 17) "Third Party / Third party Agency" means any, if/as appointed by the TENDERER for monitoring the project components at all times.
- 18) "Termination Notice" means the written notice of termination of the Agreement issued by one Party to the other in terms hereof.

Section – 1 Eligibility Criteria

S/n	Specific Requirements	Documents Required
1	<u>Company Registration:</u> The Bidder should be a company registered in India under companies Act 1956/2013 or Limited Liability Partnership (LLP) or Partnership Firm and operating in India since last Three years as on bid submission date.	Certificates of incorporation AND Self - Declaration Certificates and copies of required certificates
2	<u>Turn Over Criteria:</u> The bidder should have a total sum of turnover of Rs. 05 Crore (Minimum) in the last three financial years as on March 2019.	Copy of the Following Documents: Audited and Certified Balance Sheet and Profit/Loss Account of last three Financial Years and CA certificate should be enclosed. For FY 18-19 in case of non-availability of audited accounts CA certificate confirming the turnover as per the criteria should be enclosed. (Form no. E-1).
3	<u>Bidder's Experience Criteria:</u> a) The Bidder should have at least 3 years' experience in setting up LAN / WAN, and should have installed minimum 05 LAN / WAN Systems with minimum 50 nodes at each site (here node means IP Camera or Computer or any other networking device) installed and operational in the same campus or different campus. OR b) Bidder should have experience of executing CCTV / Surveillance System Project for at least 5 customer reference sites of IP CCTV Camera & related accessories installation having total 50 IPCCTV cameras at each site.	Copy of the Following Documents: a) Copy of Work Orders or Client Certificates or Work completion certificate confirming year and work as per the criteria should be Enclosed. (Form no. E-3). b) Copy of Work Orders or Client Certificates or Work completion certificate confirming year and work as per the criteria should be Enclosed (Form no. E-4).
4	<u>OEM's/CCTV Product Company's Experience Criteria:</u> a) The OEM / CCTV Camera Product Company should have registered office and service center in India since last 3 years (i.e. If bidder wants to quote the "X" brand of CCTV Camera, then OEM of "X" brand of CCTV Camera should have registered office and service center in India since last 3 years). b) The OEM /IP CCTV Camera Product Company should have installation base of at least 500 IP CCTV Cameras in a single project in India (of quoted camera brand) OR 2 projects containing minimum 250 IP CCTV Cameras (of quoted camera brand).	a) 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-6). b) Copies of Purchase Order(s) / Contract Agreement and Certificates of Successful Completion from Customer should be submitted (Form no. E-7).
5	<u>Blacklisting/Debarment:</u> Bidder/OEM should not be under the effect of blacklisting/debarment by any Ministry of Government of India or by any State Government of any other State in India or by Government of Gujarat or any of the Government PSUs at the time of bidding.	A Self Certified letter by an authorized Signatory with Signature and stamp.
6	<u>OEM Authorization:</u> Bidder should attach Authorization certificate from the OEM of the equipment specified in Form, for the authenticity, authorized representation and after sales support.	OEM Authorization certificate (Form no. E-5).
7	<u>Office in Gujarat:</u> The bidder should have an Office in Gujarat preferably at Ahmedabad or Gandhinagar. The bidder should have service support infrastructure to provide warranty and post warranty services. The details of such service support infrastructure must be enclosed. OR Should setup in 45 days from the award of Work Order.	Copies of any two of the followings: Property Tax bill of last year/ Electricity of last one year/ Telephone Bill of last one year / VAT registration/GST registration/ CST Registration /Valid Lease agreement (Form no. E-2). OR Undertaking to open an Office in Gujarat.

Note:

1. Consortium is not allowed for bidding in this bid.
2. All the details and the supportive documents for the above-mentioned items should be uploaded in eligibility section in the bid.
3. All the proposed equipment should not be declared End-of-Support by the OEMs for next 5 years and should not be end of production for next one year from the date of issuance of LOI.
4. 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

The Bidder under the scope of work in this RFP is envisaged to design the solution including but not limited to Supply, Installation and Commissioning of Equipment's/hardware, software required for the successful Implementation and operations of Video Surveillance System at Sardar Patel Institute of Public Administration (SPIPA) – Ahmedabad and its various Regional Training Centers (the details are as per Annexure I) (herein after referred to as the "SITE"), on behalf of the Office of the Director General of SPIPA, Ahmedabad, Government of Gujarat (herein after referred to as the "TENDERER") as per the functional and technical specifications, scope of work mentioned in this Bid document. The bidder shall be responsible for implementation of the work as defined in the bid document.

Software deployed under this project should be supplied with required OEM support for software update/patches/upgrades during the contract duration and licenses should be valid perpetual for life.

At SPIPA, Ahmedabad premises LAN cabling (passive work) has already been carried out, however, bidder have to visit the site and if additional LAN/CAT-6 cabling/OFC cabling required then bidder has to install required cabling works at SPIPA, Ahmedabad without additional cost.

Bidder is also responsible for all the components like networking devices, LAN/CAT6/OFC/Electrical cabling including digging, laying, tagging and ducting, earthing, Surge protection, power backup, network & architecture design, Racks and accessories, Junction box, furniture, PC's availability of the system, indoor/outdoor IP cameras, NVR, video storage and any other devices/accessories like mounting bracket, pole etc. required for the successful running of envisage solution. Bidder have to use existing LAN cabling for CCTV surveillance if available at SITE as well as install new LAN cabling if required.

This is a Turnkey/EPC kind of project. Wherein, bidder is required to propose an appropriate solution to meet the outcome envisaged. However, Bidder is responsible for any other components inadvertently missed out but it is required as per the proposed solution of the bidder and is essential for overall solution to successfully run during entire project duration than bidder has to consider the same in his proposed solution. TENDERER will not be liable for payment of any additional cost outside of Financial bid.

The location of the SPIPA, Ahmedabad and various regional training centers are mentioned in Annexure I.

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

Quoted item is required to be offered with 5 (Five) year OEM warranty. All equipment including material to be installed by the Bidder shall be new and the product should not be declared end of support for 7 (seven) years and end of production for the next 1 (one) year by the OEM's. A certificate to that effect should be furnished from OEM on its letter head confirming the same. All equipment shall conform to the codes, standards and regulations applicable and benefit from the usual manufacturer's guarantees.

2.1 Scope of work for IP Video Surveillance / CCTV System:

1. The Scope of complete work would broadly include Design, Engineering, Supply, Testing, Installation, Commissioning, Site Acceptance Test, Training, Documentation, Warranty and Maintenance during the contract period.
2. Supply, Installations, Testing & Commissioning, Operations & maintenance of High-performance IP based video surveillance system with complete recording and storage solution.
3. The scope is to Supply, Installation, Testing and Commissioning of the entire system end-to-end. The Successful Bidder will be responsible to 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, latest versions of software and applications shall be provided by the Successful Bidder, as applicable at the time of execution and commissioning.

4. This shall include suitable brackets for mounting the cameras, weather-proof enclosures, fixtures, cables, connectors & any other devices / peripherals required for the proper functioning of installed cameras.
5. The Successful Bidder has to furnish working drawings, solution design document and as-built drawings, which shall be an essential component of commissioning.
6. The storage should be designed, supply, implement and configured in such a way that it is capable to store & retrieve feeds of all the CCTV cameras in respective site/Location for last 30 days along with the earmarked/flagged feeds by the TENDERER without any additional cost to the TENDERER.
7. All the licenses procured, deployed by the bidder for this RFP should be in the name of TENDERER and valid perpetual for life.
8. The system shall support storage of H.264, H.265 or better compression formats for all IP cameras connected to the system. The Video feeds being stored should not result in any loss of quality of video data due to further compression at the time of storage.
9. **Network Video Recorder (NVR)/ Video Recording System**
 - a) Proposed NVR/Video recording system should have the following features:
 - i. Video recording from multiple Camera Sources
 - ii. Live Monitoring Functionality
 - iii. Video viewing and playback in desired matrix formats and playback controls
 - iv. Web Browser Viewing on Portable Devices
 - v. PTZ Control through multiple Pre-sets
 - vi. Import & Export of Video and databases in various file formats
 - b) The proposed NVR / Video recording System shall provide a complete end-to-end solution for security surveillance application. The central control center shall allow an operator to view live / recorded video from any camera on the IP Network.
 - c) The recording system should support viewing of multiple cameras in one screen or viewing of one camera feed on one screen based on user selection.
 - d) The above-mentioned requirements are only functional and the detailed module wise specification is given under technical Specification.
 - e) Proposed solution should be ONVIF compliant and it should support any ONVIF compliant IP CCTV camera to be procured in future by TENDERER from open market and successful bidder will be responsible for the O&M of any such equipments.
 - f) NVR / Video recording system should be designed to cater the need of future expansion at respective site/location with required licenses, if any.
10. **Camera installation in Training center:**
 - a) During the installation, the camera lens position has to be adjusted to get the desired view in the specific location.
 - b) The cameras should be configured with a suitable IP address as per the IP addressing scheme in the SITE.
 - c) The camera should be configured in such a way that images and video feeds can be identified distinctively/easily.
 - d) 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.
11. **Control Center at Training center:**
 - a) This shall include the supply, installation, testing, commissioning and O&M of active and passive components like Monitors, network switches, NVR/video recording software with adequate user licenses, along with cabinets, enclosures, fixtures, cables, connectors and any other devices, peripherals required for the proper functioning of various components. Bidder is also responsible for necessary electrification of all the devices including all accessories in the

- control center. The control center will be located in a separate room within the same campus or as decided by respective TENDERER.
- b) The proposed solution shall be configured to view all the cameras in the site in a single screen.
 - c) Actual power/electricity required will be provided by TENDERER. However, extension till the last mile/actual utility will be in the scope of successful bidder. Further the Recurring Electricity charges under the project shall be paid by the TENDERER.
 - d) The images, video feeds displayed on the monitoring displays should display the camera ID for identification.
 - e) The Control Room shall have, Monitoring device, networking devices as per the requirement and scope of work for monitoring the same.
 - f) The successful bidder will be responsible for the integration of the Cameras with the proposed solution for recording of video feeds. The solution should be configured in such a way, so that the video feeds would be kept for 30 days. After 30 days, the video feeds would be overwritten unless it is flagged or marked by the Police/appropriate authority for investigation or any other purpose.
12. In future if, the TENDERER, wants to monitor camera remotely then the proposed solution shall be capable for the same.
 13. Bidder is required to provide software(s) along with the required licenses for viewing of all the cameras. Proposed solution along with its licenses will be deployed and installed based on the actual requirement of each SITE.
 14. Tenderer should be able to connect, view and monitor any Camera installed in the campus/Site from its existing local workstation if available.
 15. All the hardware and software features mentioned in the tender specifications should be available at the time of submission of tender.
 16. The successful bidder has to carry out proper electrical earthing (as per IS-3043) at all the Training centers where cameras are to be installed. The cost for the earthing will be borne by the bidder.
 17. The bidder is responsible for protecting all the devices or equipment from input power i.e. overload, over voltage or current, spikes, surge etc.
 18. Tenderer will provide electric point at single location in each Training Center, thereafter, bidder is responsible for required electricity work for successful functioning of proposed surveillance system within the campus of respective site/location.
 19. Bidder has to install single surge protection device/equipment as per the technical specification given in this RFP and distribute the raw power to all the devices of surveillance system.
 20. **System Training:** This shall include providing 4-week hands on training related to system operation of the installed peripherals/equipment's to the designated/authorized representative of respective site after the successful commissioning of the project. Appropriate training material should be provided by the bidder during the training. All the cost associated with such training has to be borne by the bidder.
 21. The bidder has to provide on-site warranty for all equipment's as mentioned in RFP.
 22. **Structured Cabling work (OFC-6 Core Single mode, CAT 6):**
 - i. Bidder is responsible for laying of required LAN, OFC cables (6 Core Single mode) along with its required accessories like PVC Conduit, HDPE Pipe, GI Pipe, LIU, Pig tail, laying, reinstating the site in its original condition, casing, capping, tagging etc.) for the surveillance infrastructures asked in the RFP. Bidder has to follow industry best practices of structured cabling like proper digging, laying, tagging, capping, casing, clamping etc.
 - ii. **Best practices of OFC/CAT 6 cable Laying:**
 - ⇒ Based on the requirement of the RFP bidder will have to lay the Fiber, CAT6 cable, the same has to be underground only. The Below mentioned best practices to be followed for Underground Cable Laying:

- The Under-Ground Cables should be buried to a depth such that the top of the cable is One meter below the normal ground level.
 - Excavations of trench up to a depth such that the top of the cable is 0.5 meter below the normal ground.
 - Laying and pulling of cables in trenches are through GI pipes / ducts.
 - Placing of Half round RCC Pipes / Stones slabs / Pre-cast RCC Slabs / Layer of Bricks
 - All PVC, HDPE, GI pipes should be ISO certified.
 - All the cables should be weather proof, outdoor grade and compliant as per the industry standards
 - OFC should be of TEC/ANSI/TIA/EIA Standard Compliant make only. The bidder is required to submit necessary supporting document in this regard along with the Technical Bid Document.
 - Proper Route marker/indicators for OFC cable should be placed for every 100 meters.
 - Digging and burying of OFC cable 1Km. Length and the OFC cables are to be laid in buried HDPE pipes.
 - Back filling in compacting of the excavated trenches according to the construction's specifications and removal of excess earth from the site. Restoration of site in original condition upon completion of work.
- iii. The bidder will have to submit a detailed technical solution document including layout diagram and proposed network architecture at the time of bid submission indicating the location of equipment to be installed at SITE / Office of the TENDERER 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 TENDERER for Schematics Diagram (Layout) within 15 days from the date of Work Order for Cabling & laying work. TENDERER will decide the location of installation within maximum 15 days from the date of Work Order.
- iv. The Bidder for better understanding may visit the site(s) with prior written permission from the TENDERER before submission of their bid. The bidder will have to do its own assessment/measurements for finalization of scope of work / supply before submission of their bid.
- v. Installation, termination and identification of wiring between station outlets and equipment room shall be considered part of the bidder work.
- vi. All balanced twisted pair cable terminations shall comply with, and be tested to TIA/EIA568 standards for Category 6 installations.
- vii. The Successful Bidder has to furnish working drawings and as-built drawings, which shall be an essential component of commissioning.
- viii. The Bidder shall follow and adhere to the required References & Standards during the installation and commissioning:
- ANSI / TIA / EIA
 - International Electro Technical Commission (IEC)
 - European Committee for Electro Technical Standardization (CENELEC)
 - National Fire Protection Association (NFPA)
- ix. The Passive Components of structured cabling distribution network will be free from manufacturing defects in material and workmanship under normal and proper use.
23. Installation of Active Components: The bidder shall be responsible for:
- i. Supply, Installations, Testing & Commissioning of all the active components required for successfully running and maintenance of the entire system as per scope of work, functional and Technical specification of this RFP document.
 - ii. Required active components will be installed at the locations identified for the surveillance.
 - iii. The cameras have to be connected to the switches.

- iv. Bidder has to install UPS along with necessary electrification, power protection and connecting it with all devices asked under this RFP.

Section - 3: Instructions to Bidders

ARTICLE - 1: GENERAL INSTRUCTION TO BIDDERS

All information supplied by Bidders may be treated as contractually binding on the Bidders on successful award of the assignment by the TENDERER on the basis of this RFP. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of the TENDERER. Any notification of preferred bidder status by the TENDERER shall not give rise to any enforceable rights by the Bidder. TENDERER may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of GIL. This RFP supersedes and replaces any previous public documentation, communications, and Bidders should place no reliance on such communications. The TENDERER/ GIL may terminate the RFP process at any time and without assigning any reason. GIL makes no commitments, express or implied, that this process will result in a business transaction with anyone.

ARTICLE - 2: COST OF BIDDING

- 2.1** 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.
- 2.2** Bidder is requested to pay **Rs. 2,950/-** as a bid processing fee (Non-refundable) & Earnest Money Deposit (E.M.D.) of **Rs. 80,000/-** (Refundable). In case of non-receipt of bid processing fees & EMD the bid will be rejected by GIL.

ARTICLE - 3: BIDDING DOCUMENTS

The Bidder(s) can download the bid document and further amendment if any freely available on <https://www.gil.gujarat.gov.in> 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 - 4: CLARIFICATION ON BIDDING DOCUMENTS & PRE-BID MEETING:

- 4.1** Bidders can seek written clarifications up to **2 days before pre bid meeting** to DGM(Tech.), Gujarat Informatics Ltd., Block No. 2, 2nd Floor, Karmayogi Bhavan, Sector 10A, Gandhinagar – 382 010 and pre-bid meeting will be held as per the schedule. GIL / TENDERER will try to 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 - 5: AMENDMENT OF BIDDING DOCUMENTS

- 5.1** At any time prior to the deadline for submission of bids, The TENDERER / GIL, 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.
- 5.2** 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.gujaratinformtics.com & www.gil.nprocure.com for further amendments if any.

5.3 In order to allow prospective bidders a reasonable time to take the amendment into account in preparing their bids, GIL / TENDERER, at its discretion, may extend the deadline for the submission of bids.

ARTICLE - 6: LANGUAGE OF BID

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 - 7: SECTIONS COMPRISING THE BIDS

7.1 The quotation should be scan-able and distinct without any option stated in.

7.2 The bid submitted shall have the following documents:

a) EMD & Bid Processing Fees Section:

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

b) Eligibility & Technical Section:

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

c) Price Bid Section in the prescribed format only.

ARTICLE - 8: BID FORMS

8.1 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.

8.2 For all other cases, the Bidder shall design a form to hold the required information.

8.3 GIL / THE OFFICE shall not be bound by any printed conditions or provisions in the Bidder's Bid Forms.

ARTICLE - 9: FRAUDULENT & CORRUPT PRACTICE

9.1 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 TENDERER / GIL of the benefits of free and open competition.

9.2 "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.

9.3 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 - 10: LACK OF INFORMATION TO BIDDER

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 - 11: CONTRACT OBLIGATIONS

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 Lol/Work 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 - 12: BID PRICE

- 12.1 The priced bid should indicate the prices in the format/price schedule only.
- 12.2 Offered price should be inclusive of Packing\Forwarding, Insurance, FOR destination (anywhere in the Gujarat state). GST needs to be shown separately.
- 12.3 Discount if offered, should not be mentioned separately. It should be included in offered price.
- 12.4 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.
- 12.5 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 - 13: BID CURRENCY

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

ARTICLE - 14: EARNEST MONEY DEPOSIT (EMD)

- 14.1 The Bidder shall furnish, as part of the Bid, E.M.D. of **Rs. 80,000/-** 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/10/2018/18/DMO dated 16.04.2018 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.
- 14.2 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 @ 10% of the total order value as prescribed by GIL, whichever is earlier.
- 14.3 The successful Bidder's EMD will be discharged upon the Bidder signing the Contract/Agreement, and furnishing the Performance Bank Guarantee.
- 14.4 EMD amount is interest free and will be refundable to the unsuccessful bidders without any accrued interest on it.

- 14.5 The EMD may be forfeited, on account of one or more of the following reasons:
- The Bidder withdraws their Bid during the period of Bid validity.
 - Bidder does not respond to requests for clarification of their Bid.
 - Bidder fails to co-operate in the Bid evaluation process.
 - The bidder is found to be involved in fraudulent and corrupt practices, and
 - In case of a successful Bidder, the said Bidder fails:
 - To sign the Agreement in time,
 - To furnish Performance Bank Guarantee

ARTICLE - 15: PERIOD OF VALIDITY OF BIDS

- 15.1 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.
- 15.2 In exceptional circumstances, the TENDERER/GIL 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 - 16: DURATION OF THE CONTRACT

The duration of the Contract will be of **5 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, commissioning and FAT of hardware and software as per the requirement of the RFP.

ARTICLE - 17: BID DUE DATE

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

ARTICLE - 18: LATE BID

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

ARTICLE - 19: MODIFICATION AND WITHDRAWAL OF BID

- 19.1 The Bidder may modify or withdraw its Bid before the due date of bid submission.
- 19.2 No Bid may be modified subsequent to the deadline for submission of bids.
- 19.3 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 - 20: OPENING OF BIDS BY GIL

- 20.1 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.
- 20.2 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.
- 20.3 Immediately after the closing time, the TENDERER/ GIL contact person shall open the Un-priced Bids and list them for further evaluation.

ARTICLE - 21: CONTACTING GIL / THE OFFICE

- 21.1 Bidder shall not approach GIL / THE OFFICE officers outside of office hours and / or outside GIL / THE OFFICE premises, from the time of the Bid opening to the time the Contract is awarded.
- 21.2 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 - 22: REJECTION OF BIDS

The TENDERER/GIL 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 - 23: PRELIMINARY EXAMINATION OF BID

- 23.1 Un-priced Bid documentation shall be evaluated in two steps.
- 23.2 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 (As per the eligibility criteria defined in this bid document) & compliance to the Technical Specifications of the Product / Solution Offered. (The bidder shall provide details required/asked along with the bid)
- 23.3 In the second step, the TENDERER/GIL may ask the Bidder(s) for additional information, demonstration of the equipment's if required, field testing of the equipment's. If required, further clarifications may be sought from the concern, to verify the claims made in Un-priced Bid documentation.
- 23.4 **Priced Bid:** Priced Bids of only those bidder(s) will be opened whose bid(s) are technically qualified and fulfill the Eligibility Criteria. The TENDERER/GIL may at its discretion discuss with qualified Bidder(s) at this stage to clarify contents of Price Bid.
- 23.5 **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 and then called for further negotiations if required.

ARTICLE - 24: AWARD OF CONTRACT

- 24.1 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).
- 24.2 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.
- 24.3 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.
- 24.4 The tendered quantities are estimated based on the survey carried out as well as receipt of the requirement from the TENDERER. The quantities may vary at the time of finalization, depending upon the change in the requirements/grants available with the purchaser(s), which shall be binding to the bidder.

ARTICLE - 25: NOTIFICATION OF AWARD & SIGNING OF CONTRACT

- 25.1 Prior to expiration of the period of Bid validity, the TENDERER will notify the successful Bidder and issue Lol/Work Order.

- 25.2 The Successful bidder has to submit Performance Bank Guarantee @ 10% of total order value within 15 days from the date of issue of Lol/ Work Order as per article 33 of this bid 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/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time. (The draft of Performance Bank Guarantee is attached herewith)
- 25.3 Successful Bidder will have to sign the contract upon receiving the Work Order with the purchaser(s) within 15 working days from the date of Work Order. (The draft is attached herewith).

ARTICLE - 26: FORCE MAJEURE

- 26.1 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 of 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 bidder. The Parties shall ensure compliance of the terms of the Agreement unless affected by the Force Majeure Events. The bidder 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.
- 26.2 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:
- 26.3 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.
- 26.4 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.

26.5 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;

26.6 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 – 27: CONTRACT OBLIGATIONS

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

ARTICLE – 28: 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 – 29: USE OF AGREEMENT DOCUMENTS AND INFORMATION

The successful bidder 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 TENDERER in connection therewith to any person other than the person employed by the successful bidder 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 successful bidder shall not without prior written consent of the TENDERER 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 TENDERER other than the Agreement itself shall remain the property of the TENDERER and Originals and all copies shall be returned to the TENDERER on completion of the successful bidder performance under the Agreement, if so required by the TENDERER.

29.1: LIMITATION OF LIABILITY

Notwithstanding anything contrary contained herein, the aggregate total liability of contractor or buyer under the Agreement or otherwise shall be limited to 100% of Agreement / Order price.

29.2: RESOLUTION OF DISPUTES

1. If any dispute arises between the Parties hereto during the subsistence or thereafter, in connection with the validity, interpretation, implementation or alleged material breach of any provision of the Agreement or regarding a question, including the questions as to whether the

termination of the Contract Agreement by one Party hereto has been legitimate, both Parties hereto shall endeavor to settle such dispute amicably.

2. The attempt to bring about an amicable settlement is considered to have failed as soon as one of the Parties hereto, after reasonable attempts [which attempt shall continue for not less than 30 (thirty) days], give 15 days' notice thereof to the other Party in writing.
3. In the case of such failure the dispute shall be referred to three arbitrators, two of whom will be appointed by each Party and the third appointed by the two arbitrators. The place of the arbitration shall be Ahmedabad, Gujarat.
4. The Arbitration proceeding shall be governed by the Arbitration and Conciliation Act of 1996 as amended. The proceedings of arbitration shall be in English language. The arbitrator's award shall be substantiated in writing. The arbitration tribunal shall also decide on the costs of the arbitration procedure.
5. The Parties hereto shall submit to the arbitrator's award and the award shall be enforceable in any competent court of law.

ARTICLE – 30: TAXES & DUTIES

The successful bidder will be paid all taxes and duties etc. as may be applicable from time to time.

ARTICLE – 31: BOOKS & RECORDS

The successful bidder shall maintain adequate books and records in connection with Contract and shall make them available for inspection and audit by the TENDERER during the terms of Contract until expiry of the performance guarantee.

ARTICLE – 32: WARRANTY TERMS

The successful bidder shall give on-site warranty and support for all equipment's mentioned in RFP for 5 years. In the event that the materials supplied under the contract 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 TENDERER shall notify the successful bidder giving details of difference. The successful bidder shall attend the site within seven (7) days of receipt of such notice to meet and agree with representatives of the TENDERER, the action required to correct the deficiency. Should the successful bidder fail to attend the site within the time specified above, The TENDERER shall be at liberty to rectify the work/materials and the successful bidder shall reimburse the TENDERER all costs and expenses incurred in connection with such trouble or defect.

Warranty should also cover the equipment damage or burn due to power failure, high voltage, surge and earthing.

ARTICLE – 33: PERFORMANCE GUARANTEE

- 33.1 The successful bidder shall furnish Performance Guarantee equals to 10% of the contract value valid for the duration of 180 days beyond the expiry of the contract.
- 33.2 The performance guarantee will be in the form of bank guarantee for the amount equal to 10 % of the contract value towards faithful performance of the contract obligation, and performance of the equipment's during Warrantee period. In case of material breach of the contract terms and conditions, the TENDERER shall invoke the PBG.
- 33.3 The Performance Guarantee 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/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time in the format provided by the TENDERER to be submitted within 15 working days from the date of receipt of award.

- 33.4 The Performance Guarantee shall be discharged by the TENDERER and returned to the bidder within 30 days from the date of expiry of the Performance Bank Guarantee.

ARTICLE- 34 DELIVERIES AND INSTALLATION / IMPLEMENTATION:

- 34.1 The work as defined under the Scope of work has to be completed in accordance to the Project Implementation timeline as specified under Article 38. The bidder has to take the necessary approval of the TENDERER or its user departments for Schematics Diagram (Layout) within 15 working days for cabling & laying work of Video Surveillance System.
- 34.2 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 –35: PAYMENTS TERMS

S/N	Activity	Payment (%)
1	Successful Delivery and Inspection of Hardware/Equipment at the central location/Bidder's Warehouse at Gandhinagar / Ahmedabad	50% of the Sum total of financial bid
	Successful Installation and commissioning	30% of the Sum total of financial bid
	Successful Completion of 3 months from completion of the work and training to personnel from THE OFFICE.	20% of the Sum total financial bid

35.1 Payment Procedure:

- 1) The successful bidder shall raise the component wise invoice against the milestones achieved (as per the payment schedule) and submit the invoice to the TENDERER.
- 2) The successful bidder shall submit 2 original copies of invoices along with the necessary supporting documents confirming milestone achieved and other documents as required by the TENDERER for processing of invoices. Invoice should be raised in English language only.
- 3) The TENDERER shall verify the Invoices raised against the milestone achieved and shall make the payment.

ARTICLE – 36: SERVICE TERMS

- 36.1 The entire scope of the work depends on the technical skill and experience in management of the same level or kind of infrastructure.
- 36.2 It is mandatory for successful bidder to deploy qualified professional to install, commission & maintain the equipment's, as defined under scope of work.
- 36.3 The successful bidder has to submit regular schedule of man power availability & get it approved by the TENDERER.
- 36.4 The successful bidder is free to deploy or to develop applications to facilitate the operation. The TENDERER will welcome the deployment such application in respect to improve Quality of Services.

- 36.5 For extending better services to the user, the successful bidder will be allowed to deploy & use own tested and proven solution, with prior permission from the TENDERER.
- 36.6 The successful bidder needs to manage & maintain various records related to the services extended to the user.
- 36.7 The network is being operated & maintained by various agencies. In such circumstances the successful bidder may need to coordinate and approach various agencies, if required.
- 36.8 The successful bidder is responsible to maintain documentation on the progress of the work and will have to update the same on regular basis. The successful bidder will have to submit the progress reports regularly, to the TENDERER.
- 36.9 The understanding of the comprehensive maintenance under warranty period is as follows.
- In case of failure of equipment (s), the successful bidder needs to repair or replace the faulty part/component/device to restore the services at the earliest.
 - The cost of the repairing or replacement of faulty part/component/device has to be entirely born by the successful bidder.
 - All expenses related to part/component/device, including hiring of specialized technical expertise, in case required, has to be borne by the bidder as part of comprehensive maintenance.
 - The successful bidder also needs to make alternate arrangement in case of major failure happens in the network, due to which services may be affecting for longer period.
 - After repairing or replacement of the part/component/device, the successful bidder needs to put the same into operation.

ARTICLE – 37: PENALTY CLAUSE

37.1 Penalties for delay in implementation:

- If the bidder fails to deliver the requisite hardware and software within the time limit as mentioned in the bid, then a sum equivalent to one percent (1%) of the total contract value shall be deducted from the payment from each calendar week of delay or part thereof.
- The amount of penalty for delay in delivery & installation shall be subject to maximum limit of 10 % of the total contract value.
- Delay in excess of 10 weeks will be sufficient to cause for termination of the contract. In that case the Performance Bank Guarantee of the bidder will be forfeited.
- 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.

37.2 Operational Penalties:

- During warranty period, if the complaint is not resolved within 48 hrs, the penalty of Rs. 500 per day for Camera, NVR, Switch, and UPS & within 72 hrs 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.
- 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, NVR, Switch,

UPS 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 TENDERER, software vendor and/or do liaisoning with other service provider to achieve the end-to-end connectivity. This also includes Server/NVR OS configuration with respect to LAN/WAN technologies implementation.

ARTICLE – 38: PROJECT IMPLEMENTATION

- 38.1 The selected agency will have to complete the work which includes Supply, Installation, Testing and Commissioning of hardware and required equipment including LAN & cabling work within the time limit given in the bid. The bidder has to take the necessary approval of TENDERER for Schematics Diagram (Layout) within 15 days for cabling & laying work of Video Surveillance System and complete the work from the remaining 45 days.
- 38.2 The Selected agency will implement the project strictly as per the plan approved by TENDERER. The Vendor shall carry out cabling work at such locations as may be decided by TENDERER within a specified period as specified in Instruction letter/LOI/Order and complete their Provisional Acceptance Test to the satisfaction of TENDERER within 10 days from the date specified. This period may be extended depending upon the fulfillment of Conditions Precedent.
- 38.3 Installation, Commissioning and Acceptance of work will be undertaken by TENDERER. 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 TENDERER for release of payment.
- 38.4 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.
- 38.5 The Vendor shall provide the necessary technical support, Standard Operating Procedure (SOP) and other information to TENDERER and its user organizations in implementing the proposed system applications. TENDERER at any time during the currency of the Agreement should have access to the proposed sites.
- 38.6 The Vendor shall provide training to personnel of TENDERER with no cost at SITE. The training schedule, content and modalities will be defined jointly by both the parties.
- 38.7 The Vendor shall arrange to obtain all statutory permission with no cost to TENDERER. 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 TENDERER. It will be the responsibility of the Vendor to co-ordinate with TENDERER required to execute the job.
- 38.8 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.
- 38.9 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.
- 38.10 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 TENDERER.
- 38.11 Any damage caused to the property of TENDERER 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.
- 38.12 The Vendor shall have to furnish the documentation of the work undertaken in consultation with TENDERER. 3 sets of such documentation should be provided before the issue of completion certificate.
- 38.13 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.
- 38.14 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.
- 38.15 TENDERER reserves the right to visit any working site of the Vendor with prior intimation. The concern Vendor has to make necessary arrangement for the same.

- 38.16 The Supplier shall be responsible and take required insurance for all of their representations working on the site at their own cost. TENDERER will not be responsible for any loss or damage to any of the representatives of the Supplier during the said contract.
- 38.17 All work shall be performed and executed by the Supplier in strict conformity with TENDERER and any relative instruction issued to the Supplier by TENDERER time to time.
- 38.18 In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from elsewhere 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.
- 38.19 TENDERER shall associate few engineers / technicians during installation and commissioning work. Vendor shall ensure proper participation of the nominated personnel from TENDERER and train them on the system related. Also, vendor shall organize the systematic training of selected personnel from TENDERER on the operation / management of equipment(s).

ARTICLE – 39: ACCEPTANCE TEST

Acceptance Test will be conducted in as follows:

- 39.1 TENDERER 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, TENDERER 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.
- 39.2 The first step will involve successful installation of all sites. The provisional acceptance of these sites will be defined as Partial Acceptance.
- 39.3 The date on which Acceptance Certificate is issued shall be deemed to be the date of successful Commissioning of the System.
- 39.4 Any delay by the Vendor in the Acceptance Testing shall render the Vendor liable to the imposition of appropriate Penalties.

ARTICLE – 40: INSTALLATION REQUIREMENTS

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

ARTICLE – 41: 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 TENDERER. All license software must be in the name of TENDERER / Government of Gujarat. The ownership of any involved customize software will be of the TENDERER / Government of Gujarat.

ARTICLE – 42: 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. TENDERER / The Third-Party Agency will verify suitability of the specifications submitted by Vendor and recommend to TENDERER for acceptance. The Vendor will be obligated to undertake integration, operation and maintenance for all additional equipment(s) if required.

ARTICLE – 43: THIRD PARTY AGENCY

TENDERER 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 – 44: SUPPORT FROM EXTERNAL AGENCY (IF APPLICABLE)

In case, if Vendor wish to have support from any external agency, it's very necessary to inform TENDERER in written prior to allow them to work at SITE. 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 TENDERER.

Section - 4: Technical Specification

4.1 Indoor Fixed Dome Cameras

S/N	Specification
1.	Image sensor : 1/3" Progressive Scan CMOS 2 MP or better
2.	Lens: 2.8 to 12 mm or better, DC-iris, motorized
3.	Day and Night: Automatic/manual/scheduled
4.	IR Range: Min 30 meter or better
5.	WDR: True WDR >=100 db
6.	Min. Illumination / Light Sensitivity: Color mode: F1.4 @ 0.5 lux and B & W mode: F1.4@ 0.01 lux
7.	Light sensor: Senses the level of ambient light to determine when to switch day/night mode.
8.	Video Compression: H.264, H. 265
9.	Video Stream: Individually configurable min 03 video streams (H.264/H.265), Unicast/ Multicast
10.	Intelligent Video: Motion Detection, Camera Tampering, camera masking
11.	Resolutions and frame rates : 25/30 fps at 1920x1080 (1080p)
12.	Protocol Support: IPv4, IPv6, TCP/IP, HTTP, DHCP, UDP, DNS, SMTP, RTP, RTSP, SNMP protocols/Should meet all functional requirement of the project
13.	Interface: 10/100BaseT or better RJ45 Port with 802.3af POE Support
14.	Camera Should remote Zoom and Auto focus
15.	Camera should supplied with internal microphone and 32GB Micro SD/SDHC /SDXC memory card for recording
16.	IP 66 and IK 10 Rated housing
17.	Should be ONVIF Profile S compliant
18.	Certification:- ETL/UL, BIS certified at the time of bidding
19.	Operating Temperature: 0-50 °C

4.2 Outdoor Bullet Camera

S/N	Specification
1.	Image sensor : 1/3" Progressive Scan CMOS 2 MP or better
2.	Lens: 2.8 to 12 mm or better, DC-iris, motorized zoom
3.	Day and Night: Automatic/manual/scheduled
4.	IR Range: Min 30 meter or better
5.	WDR: True WDR >=100 db or better
6.	Min. Illumination / Light Sensitivity: Color mode: F1.4 @ 0.5 lux and B & W mode: F1.4@ 0.01 lux
7.	Light sensor: Senses the level of ambient light to determine when to switch day/night mode.
8.	Video Compression: H.264, H. 265
9.	Video Stream: Individually configurable min 03 video streams (H.264/H.265), Unicast/ Multicast
10.	Intelligent Video: Motion Detection, Camera Tampering, camera masking
11.	Resolutions and frame rates : 25/30 fps at 1920x1080 (1080p)
12.	Protocol Support: IPv4, IPv6, TCP/IP, HTTP, DHCP, UDP, DNS, SMTP, RTP, RTSP, SNMP protocols/Should meet all functional requirement of the project
13.	Interface: 10/100 BaseT or better RJ45 Port with 802.3af POE Support
14.	Camera Should remote Zoom and Auto focus
15.	Camera should supplied with 32GB Micro SD/SDHC/SDXC memory card for recording
16.	IP 66 and IK 10 Rated housing
17.	Should be ONVIF Profile S compliant
18.	Certification: - ETL/UL, BIS certified at the time of bidding
19.	Operating Temperature: 0-55 °C, should have sun shield on top of the camera enclosure
20.	Should be supplied with suitable mounting box, L/C Bracket and other required accessories

4.3 16 CH Network Video Recorder (NVR)/ Video Recording System with Storage

Network Video Recorder
NVR with SATA/NL-SAS hard drive support configured with RAID or equivalent levels for disk protection with 16 TB storage capacities.
Support H.264, H.265 or better
Minimum: 1x10/100/1000 Ethernet ports, 2 USB, 1 HDMI, 1 VGA with load balancing and failover
It should support RAID or equivalent levels for hard drive data protection
Support ONVIF Profile S compliant cameras, and should support any compatible make/model of IP CCTV cameras.
System: Multi-channel Live view, remote live view, remove playback, record, remote access, play back, backup and remotely control the system simultaneously.
Recording schedule: Manual, Motion detection, Timing.
Backup: Should support Network, Internal and external storage.
Playback: Synchronous playback
Operating Temperature: 0 to 50 degree C
Certification: BIS certified at the time of bidding

4.4 32 CH Network Video Recorder (NVR)/ Video Recording System with Storage

Network Video Recorder
NVR with SATA/NL-SAS hard drive support configured with RAID or equivalent levels for disk protection with 32 TB storage capacities.
Support H.264, H.265 or better
Minimum 2x10/100/1000 Ethernet ports, 2 USB, 1 HDMI, 1 VGA with load balancing and failover
It should support RAID or equivalent levels for hard drive data protection
Support ONVIF Profile S compliant cameras, and should support any compatible make/model of IP CCTV cameras.
System: Multi-channel Live view, remote live view, remove playback, record, remote access, play back, backup and remotely control the system simultaneously.
Recording schedule: Manual, Motion detection, Timing.
Backup: Should support Network, Internal and external storage.
Playback: Synchronous playback
Operating Temperature: 0 to 50 degree C
Certification: BIS certified at the time of bidding

4.5 128 CH Network Video Recorder (NVR)/ Video Recording System with Storage

Network Video Recorder
NVR with SATA/NL-SAS hard drive support configured with RAID or equivalent levels for disk protection with 128 TB storage capacities.
Support H.264, H.265 or better
Minimum 2x10/100/1000 Ethernet ports, 2 USB, 1 HDMI, 1 VGA with load balancing and failover
It should support RAID or equivalent levels for hard drive data protection
Support ONVIF Profile S compliant cameras, and should support any compatible make/model of IP CCTV cameras.
System: Multi-channel Live view, remote live view, remove playback, record, remote access, play back, backup and remotely control the system simultaneously.
Recording schedule: Manual, Motion detection, Timing.
Backup: Should support Network, Internal and external storage.
Playback: Synchronous playback
Operating Temperature: 0 to 50 degree C

Certification: BIS certified at the time of bidding

4.6 UPS with minimum 1 Hour Backup

S/N	Parameter	Minimum Specification
1.	Output Power Capacity	True Online Double Conversion 1 KVA
2.	Technology	Rectifier & Inverter both to be IGBT based PWM
3.	Certifications	CE, BIS and ROHS standards (certified at the time of bidding)
4.	Input Voltage Range	160-280 VAC @ 100% load, Single Phase
5.	Input Freq. Range	50Hz +/- 5% (auto sensing)
6.	Input Protection	Thermal Circuit Breaker/Isolator with fuses
7.	Output Voltage	220/230/240 VAC +/- 1 %
8.	Output Frequency	50Hz ± 2 %
9.	Output Waveform	Pure Sinewave
10.	Output Power Factor	0.8 or better
11.	Efficiency	> 90%
12.	Battery Type	SMF-VRLA (Sealed maintenance free valve regulated lead acid)
13.	Battery Make	Exide / Rocket/ Quanta/ Panasonic/ CSB/ Yuasa/ Relicell/Rocket or equivalent (Battery Sr. No on OEM Letter Head with Warranty Assurance of 2 years)
14.	Battery Backup	Min. 60-minute backup on Full Load
15.	Communication	Full-Functional SNMP Card should be present; RS 232 OR USB port with software for UPS status monitoring
16.	Protection	Inherent protection should be provided for Output Short-circuit and Overload, Input Fault, Cold Start, Low battery, Battery Over and Under charge, Battery Disconnect, Battery self-test feature, Over Temperature, OVCD, External Transient Voltage Surge Suppressor, etc.
17.	LCD Display	Input Voltage, Input Frequency, Output voltage, Output Current, Output Frequency, Battery Voltage, UPS Status, Load Level, Battery Level, Discharge Timer, Battery Disconnect and Fault Conditions
18.	By Pass	Manual and Automatic (Built-in) Bypass switch should be provided
19.	Environment	Noise Level – less than 50 dB at a distance of 1 meter
20.	Operating Temperature	0-40° C
21.	Relative Humidity	10-90% RH @ 0-40° C (Non-condensing)
22.	Miscellaneous	ECO Mode Operation with Enable/Disable function
		Cables: With all necessary cables and plug and Battery links
		Rack: Suitable Metallic Rack for housing of SMF Batteries to be provided
23.	Battery Replacement	The successful bidder has to replace the UPS battery every 2 years for uninterrupted and smooth operations. OEM should confirm battery replacement in UPS at the end of 2nd year and 4th year respectively

Note: For all types of UPS, warranty assured by bidders should be reflected on OEMs website/portal (Please upload OEM undertaking letter

4.7 LED Display Unit

S/N	Parameter	Minimum Required Specifications
1.	Configuration	Full HD LED Display, Direct LED Backlight
2.	Screen Size	55'' or higher
3.	Resolution	Full High definition (1920 X 1080) 16:9 Widescreen
4.	Contrast Ratio	1000:1 or better

5.	Brightness	300 Cd/m ² or better
6.	Standard Inputs	1x Digital DVI-D/HDMI Port or Higher, USB
7.	Power Supply	AC 100 -240 V~ (+/-10 %), 50/60 Hz
8.	Operating Temperature	0°C - 40°C
9.	Accessories	Dual Link DVI-D /DP/HDMI cable, AC power cable, Remote Control, Batteries, Wall mount bracket etc.

4.8 24 U Rack for control center

S/N	Specification (Minimum)
1.	Powder Coated full Perforated Steel Door and size of 600Width x 42U with removable side doors
2.	Castor with foot break (2+2)
3.	Sliding Tray, adjustable rails in front and rear
4.	Should have sufficient perforation for ventilation of air

4.9 L2 Switch with PoE

S/N	Item (Minimum Specification)
1.	a) Switch should have minimum 10/100/1000 Base-Tx PoE ports Duplex, Full, Half as per the proposed solution (Bidder is required to propose no. of ports required as per the actual requirement of proposed architecture and solution i.e. 8/16/24). b) Min. 2 nos. of SFP ports (2 SFP Slots loaded with 1 Gbps Single mode SFP Module). c) Switch PoE power rating should sufficient to support the cameras to be connected
2.	Should have minimum switching capacity as per the proposed switch and solution requirement.
3.	Should be IPv4 and IPv6 ready from day one
4.	Should have IGMP snooping v1,2 & 3 supporting min 100 multicast groups
5.	Should support protocols like MSTP, STP, RSTP, dot1q VLAN-tagging, IEEE 802.3ad, NTP
6.	Switch should support Port-based and 802.1Q tag-based VLANs, MAC-based VLAN, Guest VLAN, Private VLAN, with multiple uplinks
7.	All ports should have features of auto- negotiate, flow control (802.3x), port-based network access control (802.1x), port security, MAC filtering etc.
8.	The switch should support; IPv6 DHCP-Guard/ DHCP Snooping, Source-Guard features
9.	All necessary SFP's, interfaces, connectors, patch cords (if any) & licenses must be delivered along with the switch from day one.
10.	Should have console port for administration & management, CLI and web-based GUI for easy management
11.	Port Security to secure the access to a port based on the MAC address of a user's device. The aging feature to remove the MAC address from the switch after a specific time to allow another device to connect to the same port.
12.	Multilevel security on console access to prevent unauthorized users from altering the switch configuration.
13.	Web/SSL, Telnet server/SSH, ping, traceroute, Simple Network Time Protocol (SNTP)/NTP, Trivial File Transfer Protocol (TFTP), SNMP, RADIUS, syslog, DNS client, protocol-based VLANs
14.	Duplicate address detection (DAD)
15.	Operating Temperature: 0 ° C to 50 ° C
16.	10 % to 90 % RH, non-condensing
17.	The Switch should be Rack mountable & the switch should be supplied with Indian standard AC power cord, suitable Patch Panels with I/O's

4.10 UPS 600 VA

S/N	Parameter	Minimum Specifications
1.	Capacity	600 VA or more Line Interactive
2.	Technology	Automatic Voltage Regulation

3.	Input Frequency Range	50 Hz +/- 5%
4.	Output Frequency Range	50 Hz +/- 5%
5.	Input Voltage	160 V – 280 V, Single phase AC
6.	Output Voltage	180VAC - 250 VAC +/- 10%
7.	Voltage Regulation	+/-10% (or better)
8.	Output Waveform	Modified Sine Wave
9.	Output Power Factor	0.6 or more
10.	Battery type	SMF-VRLA built-in
11.	Battery make	Exide/Quanta/CSB/Panasonic /Yuasa/Rocket (Battery Sr. No on OEM Letter Head with Warranty Assurance of 1 years)
12.	Battery Backup	Minimum backup of 15 Minutes
13.	Operating Temperature	0 to 40 Degree Celsius
14.	Alarms & Indications	All necessary alarms & indications essential for performance monitoring of UPS like mains presence or fail, UPS mode, low battery, overload
15.	Protections	<ul style="list-style-type: none"> • If input voltage goes outside the range 160V-280V, the system shall switch over to UPS mode. • Over Voltage, short circuit and overload at UPS output terminal, no load shut down. • Under voltage at battery terminal, Battery over charge • It should protect from any input voltage or current spikes, surge
16.	Certifications	BIS certified at the time of bidding

4.11 Junction box

S/N	Parameter	Specification
1.	Built	The Outdoor Utility Cabinet will be constructed with a front sheet steel door with 3-point Locking system to ensure the security of the cabinet. Side and Wall Panels shall be thick wall constructed, with fixing bolts internal to the cabinet. The Cabinet should have the required frames to mount the required components like, network device, power, UPS, Stabilizer, surge protector, LIU, battery, etc.
2.	Utility & IP rating	Should be Made for 24X7X365 Outdoor Applications; The Utility Cabinet shall be IP 55 certified (Regulatory Standard) for ingress protection.
3.	Size	The cabinet has to be provided of size suitable for the mounting of the associated network devices, power, UPS and Battery components securely and safely within the cabinet.
4.	Power Slot	Minimum 3 x 5-way Indian Standard PDU's has to be provided to support the site equipment. PDU type should be as per actual requirement.
5.	Installation	Each Cabinet will be mounted on a raised height Plinth (600 - 1000 mm high) OR wall mounted as per the actual requirement of site. FAN Cooling unit shall be inherent in the design. It should be provided with all the mounting accessories, sliding trays, adjustable rails etc. as per the actual site requirement
6.	Cable Management	Proper cable management should be provided
		Cable Routing: Power connection cable shall be provided from the nearest access point provided by Power utility company to the Outdoor Utility Cabinet through Power meter enclosure.

4.12 12U Rack:

12U Rack – Minimum Specifications
Powder Coated Door Steel 600mm x 12U
Wall mountable, Door and Lock, Top and Bottom Cable entry,
Removable side doors

Sliding Tray, adjustable rails in front and rear
Should have sufficient perforation for ventilation of air, fan
AC Power distribution unit: As per the requirements of the IT equipment's to be loaded, Indian power socket
The Cabinet should have the required frames to mount the components like, network device, power, UPS, Stabilizer, surge protector, LIU, battery, etc. securely and safely within the cabinet

4.13 Surge Protection Device (SPD)

S/n	Parameter	Specification
1	Nominal AC voltage	230 V (50-60 Hz)
2	SPD in accordance with - EN 61643-11/IEC 61643-11	Type 2/Class II
3	Max operating AC voltage [L-N]	275 V
4	Max operating voltage [N-PE]	255 V
5	Nominal discharge current	20 kA
6	Max discharge current	40 kA
7	Voltage protection level [L-N]	<1 kV
8	Voltage protection level [N-PE]	<1.5 kV
9	Response time [L-N]	<25 ns
10	Response time [N-PE]	<100 ns
11	Operating temperature range	0-65 C
12	Degree of protection	IP 20 rating
13	Enclosure protection	IEC 60529
14	Certification	UL 1449
15	Visual Display	LED indicator (Green and Red)
16	Features	Audible Alarm

Note:

- 1.) The above-mentioned specification are the minimum required specifications, the bidder is free to quote a product with better or higher specifications to meet the outcome of each service asked under the project.
- 2.) **Better or Higher Specification would mean:**
 - In case of a camera, higher pixel resolution, lower focal length on lower end of zoom and higher focal length on higher end of zoom, more frame rates than sought, bigger sensor size (number on denominator being smaller when sensor size presented as 1/x" size), better pan/tilt angles, better zoom
 - In case of networking devices, better throughput, more number of ports for ethernet or fibre as specified, PoE Rating.
- 3.) The certifications for the items wherever asked has to be submitted along with the Technical Compliance and supported with relevant certificate/documents, failing which the bid may be summarily rejected.

Section 5: - Price Bid Format

Amount in Rs.

S/ N	Item	UO M	Qty. (In Nos.)	Unit Price With 5 Year Warranty (Without Tax)	Total Price With 5 Year Warranty (Without Tax)	GST (%)
A	B	C	D	E	F=(D*E)	G
1.	Indoor Fixed Dome Camera	Nos.	64			
2.	Outdoor Bullet Camera	Nos.	61			
3.	Surge Protection Device	Nos.	05			
4.	1 KVA UPS with 1 hrs. Backup	Nos.	05			
5.	16 CH NVR with 16 TB Storage (With all the required Hardware, Software, Storage, accessories etc. with required Licenses valid perpetual for life for all the locations/CCTV cameras as per the proposed solution and scope of work)	Nos.	02			
6.	32 CH NVR with 32 TB Storage (With all the required Hardware, Software, Storage, accessories etc. with required Licenses valid perpetual for life for all the locations/CCTV cameras as per the proposed solution and scope of work)	Nos.	02			
7.	128 CH NVR with 128 TB Storage (With all the required Hardware, Software, Storage, accessories etc. with required Licenses valid perpetual for life for all the locations/CCTV cameras as per the proposed solution and scope of work)	Nos.	01			
8.	55" or higher Additional LED Display	Nos.	05			
9.	24 U Rack with required installation	Nos.	05			
10.	SPIPA, Ahmedabad: Edge Infrastructure (as per proposed architecture, solution and scope of work): <ul style="list-style-type: none"> ▪ Inclusive of all the Active and passive line items like Network Switches, UPS, Junction Box, 12U Rack, Pole, Cable along with its various Hardware & accessories, labour work for end-to-end LAN, OFC & Electrical cabling work and any other components inadvertently missed out but it is required as per the proposed solution of the bidder. ▪ As per the scope of work, functional 	Per Site	01			

	<p>and technical requirement of the RFP</p> <ul style="list-style-type: none"> ▪ Bidder is responsible to arrive at the required actual nos. of quantities of all of the above items. ▪ At SPIPA, Ahmedabad premises LAN cabling (passive work) has already been carried out, however, bidder have to visit the site and if additional LAN/CAT-6 cabling/OFC cabling required then bidder has to install required cabling works at SPIPA, Ahmedabad. Bidder have to quote accordingly. 					
11.	<p>Regional Training Center, Mehsana: Edge Infrastructure (as per proposed architecture, solution and scope of work):</p> <ul style="list-style-type: none"> ▪ Inclusive of all the Active and passive line items like Network Switches, UPS, Junction Box, 12U Rack, Pole, Cable along with its various Hardware & accessories, labour work for end-to-end LAN, OFC & Electrical cabling work and any other components inadvertently missed out but it is required as per the proposed solution of the bidder. ▪ As per the scope of work, functional and technical requirement of the RFP ▪ Bidder is responsible to arrive at the required actual nos. of quantities of all of the above items. 	Per Site	01			
12.	<p>Regional Training Center, Rajkot: Edge Infrastructure (as per proposed architecture, solution and scope of work):</p> <ul style="list-style-type: none"> ▪ Inclusive of all the Active and passive line items like Network Switches, UPS, Junction Box, 12U Rack, Pole, Cable along with its various Hardware & accessories, labour work for end-to-end LAN, OFC & Electrical cabling work and any other components inadvertently missed out but it is required as per the proposed solution of the bidder. ▪ As per the scope of work, functional 	Per Site	01			

	<p>and technical requirement of the RFP</p> <ul style="list-style-type: none"> ▪ Bidder is responsible to arrive at the required actual nos. of quantities of all of the above items. 					
13.	<p>Regional Training Center, Vadodara: Edge Infrastructure (as per proposed architecture, solution and scope of work):</p> <ul style="list-style-type: none"> ▪ Inclusive of all the Active and passive line items like Network Switches, UPS, Junction Box, 12U Rack, Pole, Cable along with its various Hardware & accessories, labour work for end-to-end LAN, OFC & Electrical cabling work and any other components inadvertently missed out but it is required as per the proposed solution of the bidder. ▪ As per the scope of work, functional and technical requirement of the RFP ▪ Bidder is responsible to arrive at the required actual nos. of quantities of all of the above items. 	Per Site	01			
14.	<p>Regional Training Center, Surat: Edge Infrastructure (as per proposed architecture, solution and scope of work):</p> <ul style="list-style-type: none"> ▪ Inclusive of all the Active and passive line items like Network Switches, UPS, Junction Box, 12U Rack, Pole, Cable along with its various Hardware & accessories, labour work for end-to-end LAN, OFC & Electrical cabling work and any other components inadvertently missed out but it is required as per the proposed solution of the bidder. ▪ As per the scope of work, functional and technical requirement of the RFP ▪ Bidder is responsible to arrive at the required actual nos. of quantities of all of the above items. 	Per Site	01			

Note:

1. L1 bidder will be decided from the sum total of prices for all line items without tax with 5 years warranty

2. All the above-mentioned line items should comply to functional, Technical specifications and Scope of work including all applicable Licenses, Active and passive Cabling and Accessories, Installation, Commissioning and Configuration and onsite Support.
3. Quoted Rates should be inclusive of all like Packing/ Forwarding, Insurance, FOR destination (anywhere in the Gujarat state) etc. and with applicable warranty except GST. GST needs to be shown separately at the appropriate column in price bid and will be paid on actual basis at the time invoicing.
4. Bidder needs to upload detailed BOQ along with make & Model and part codes of all the line items.



Section - 6

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.2, 2nd Floor,
Karmayogi Bhavan, Gandhinagar.

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

Ref: RFP.NO. GIL\Training center\Video Surveillance\2019-20

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 _____ 2019

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
Block No.2, 2nd Floor, Karmayogi Bhavan,
Gandhinagar - 382017
Gujarat, India

Whereas ----- (here in after called "the Bidder")) has submitted its bid dated ----- in response to the RFP.NO. GIL\Training center\Video Surveillance\2019-20 Bid for Selection of Agency for Supply, Installation, Commissioning and warranty support of various Equipments for the Implementation of Video Surveillance System at Training center 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 -----2019.

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 _____ 2019.

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/10/2018/DMO dated 16.04.2018 http://www.gil.gujarat.gov.in/grs/DMO_2173_16_Apr_2018_714.pdf) issued by Finance Department or further instruction issued by Finance department time to time)



Section - 7

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 _____ 2019.

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/10/2018/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time



Performa of 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 - 8 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 Statement/CA Certificate 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 at each site 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 Relevant Experience:

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						

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 proof 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: OEM Authorization Letters:

Sr. No.	Item	Make & Model	Authorization Certificate (Yes/No)
1	Indoor Fixed Dome Camera		
2	Outdoor Bullet Camera		
3	1 KVA UPS		
4	16 CH NVR		
5	32 CH NVR		
6	128 CH NVR		
7	55" LED Display Unit		
8	L2 Switch with PoE		
9	600 VA UPS (with 15 Minutes battery backup)		

Note: Please upload necessary supporting proofs in eligibility section.

Form no. E6: 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. E7: 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 proof in the eligibility section. You may add the customer references by adding multiple rows which may be added by "NUMBER OF ROWS TO ADD".

Format of Detailed BoQ and Make and Model list of each line item

Sr. No.	Item	Make & Model	Supporting Document uploaded? (Yes/No)

Note: The Bidder may quote only one option (i.e. one Make and Model 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.

Annexure I
Location of office / Site:

Sr.	Office / Site
1	SPIPA, Ahmedabad
2	Regional Training Center, Rajkot
3	Regional Training Center, Mehsana
4	Regional Training Center, Vadodara
5	Regional Training Center, Surat

Annexure II
Tentative material per office/site:

Sr. No.	Requirement	Location detail/Approx. qty. per office / site					Total Qty.
		SPIPA, Ahmedabad	Regional Training Center, Rajkot	Regional Training Center, Mehsana	Regional Training Center, Vadodara	Regional Training Center, Surat	
1	Indoor Dome IP Camera	42	14	00	06	02	64
2	Outdoor Bullet IP Camera	32	02	20	04	03	61
3	Surge Protection Device	01	01	01	01	01	05
4	16 CH NVR	00	00	00	01	01	02
5	32 CH NVR	00	01	01	00	00	02
6	128 CH NVR	01	00	00	00	00	01
7	24 U Rack	01	01	01	01	01	05
8	1 KVA Online UPS (with 1 hour battery backup)	01	01	01	01	01	05
9	55" LED Display Unit	01	01	01	01	01	05

*******END*******