Name of Work: Selection of Agency for Supply, Installation, Commissioning and warranty support of various Equipments for the Implementation of Video Surveillance System at Gujarat Institute of Disaster Management, Gandhinagar

RFP.NO. GIL\GIDM\Video Surveillance\2019-20 DATED 24.05.2019

Client: Gujarat Institute of Disaster Management, Gandhinagar

Bid Due Date: 12.07.2019 up to 1500 hrs.

Last Date of Submission of Bid Processing Fees & EMD: 12.07.2019 till 1500 hours

Un-priced Bid Opening:
Date & Time: 12.07.2019 at 1700 hrs.

Bidding Agency Address:
Gujarat Informatics Limited
Block No. 2, 2nd Floor, Karmayogi Bhavan,
Sector 10A, Gandhinagar - 382 010
Phone No.: 079 - 232 56022, Fax No.: 079 - 232 38925
Website: www.gil.gujarat.gov.in

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, kajalp@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 Purchaser 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 PURCHASER, 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 PURCHASER, 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 PURCHASER accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The PURCHASER - 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 Gujarat Institute of Disaster Management, Gandhinagar (herein after referred “INSTITUTE”) invites the bid for Selection of Agency for Supply, Installation and Commissioning of various Equipments for the Implementation of Video Surveillance System at Gujarat Institute of Disaster Management, Gandhinagar

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.

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

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

Bids are hereby invited from the Bidders having capability and resources in supplying & carrying out Video Surveillance System at Gujarat Institute of Disaster Management, Gandhinagar

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:

2. The Bidder will have to remit Non-refundable Bid Processing Fees of Rs. 1,770/- & Earnest Money Deposit (E.M.D.) of Rs. 28,000/- (Refundable) on or before date & hours of submission of bid (i.e. 12.07.2019 up to 1500 Hrs.) in a sealed cover at GIL office with the heading “Bid processing fees & EMD for RFP for Selection of Agency for Supply, Installation, Commissioning and warranty support of various Equipments for the Implementation of Video Surveillance System at Gujarat Institute of Disaster Management, Gandhinagar.

   ✓ 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. Please affix the stamp of your company on the overleaf of demand draft.

   ✓ EMD shall be submitted in the form of Demand Draft OR in the form of an unconditional Bank Guarantee (which should be valid for 9 months from the last date of bid submission) of All Nationalized Bank including the public sector bank or 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) and must be submitted along with the covering letter.

   Note: Failing to submit physical covers of EMD and bid processing fees at GIL on or before due date & time may lead to the rejection of the bid.

3. The bid shall specify time schedule of various activities.
4. Bid complete in all respects should be uploaded on or before the Bid due date.
5. 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 at Gujarat Informatics Ltd.

6. The Bidder may quote only one option (i.e. one product 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).
7. 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.
8. 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.
9. 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.
10. Bidder shall quote the prices of services as mentioned valid for 180 days from the date of financial bid
opening.

**ABBREVIATIONS**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tr>
<td>AT</td>
<td>Acceptance Testing</td>
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<td>NVR</td>
<td>Network video recorder</td>
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<td>BoQ/BoM</td>
<td>Bill of Quantity/Material</td>
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<td>EMD</td>
<td>Earnest Money Deposit</td>
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<td>FAT</td>
<td>Final Acceptance Testing</td>
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<td>GoI</td>
<td>Government of India</td>
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<td>GoG</td>
<td>Government of Gujarat</td>
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<td>GIL</td>
<td>Gujarat Informatics Limited</td>
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<td>ICT</td>
<td>Information Communication and Technology</td>
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<td>IP</td>
<td>Internet Protocol</td>
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<td>LoI</td>
<td>Letter of Intent</td>
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<td>PBG</td>
<td>Performance Bank Guarantee</td>
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<td>PoE</td>
<td>Power Over Ethernet</td>
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<td>SOP</td>
<td>Standard Operating Procedure</td>
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<td>SoW</td>
<td>Scope of Work</td>
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DEFINITIONS

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

1. “Agreement” means the Service Level Agreement to be Signed between the successful bidder and PURCHASER 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.

2. “Authorized Representative” shall mean any person/authorized by either of the parties.

3. “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 PURCHASER Signs the Service Level Agreement for executing the said project.

4. “Contract” is used synonymously with Agreement for a period of 5 years from successful FAT.

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 devices 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 PURCHASER 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) for which the Contract will be Signed and where the service shall be provided as per agreement.

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 PURCHASER. 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. “PURCHASER” here shall mean “Gujarat Informatics Limited (GIL).”


19. "Third Party/ Third party Agency" means any, if/as appointed by the PURCHASER for monitoring the project components at all times.

20. “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

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<th>S/n</th>
<th>Specific Requirements</th>
<th>Documents Required</th>
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| 1   | **Company Registration:**  
The Bidder should be a company registered in India under companies Act 1956/2013 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   | **Turn Over Criteria:**  
The bidder should have a total sum of turnover of Rs. 05 Core (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   | **Bidder’s Experience Criteria:**  
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** (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 IPC CCTV camera. | **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   | **OEM’s/CCTV Product Company’s Experience Criteria:**  
a) The OEM / CCTV Camera Product Company should have registered office and service centre 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 centre 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   | **Blacklisting/Debarment:**  
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   | **OEM Authorization:**  
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   | **Office in Gujarat:**  
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](https://gil.nprocure.com). Further bidders who wish to participate in online bids will have to procure Digital Certificate as per Information Technology Act 2000 using which they can sign their electronic bids. Bidders can procure the same from (n) code solutions – a division of GNFC Ltd., or any other agency licensed by Controller of Certifying Authority, Govt. of India. Bidders who already have a valid Digital Certificate need not procure a new Digital Certificate.
Section - 2

Scope of Work

Bidder is required to Supply, Installation and Commissioning of various Equipments for the Implementation of Video Surveillance System at Gujarat Institute of Disaster Management, Gandhinagar as per the specifications mentioned in the bid document during the contract.

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

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.

Bidder is also responsible for all the components like networking devices, LAN/CAT6/OFC/Electrical cabling including laying, tagging and ducting, earthing, Surge protection, power backup, network & architecture design, Racks and accessories, Junction box, 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.

This is a Turnkey/EPC kind of project. Wherein, bidder is required to proposed 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.

Unit cost is required to be offered for all the items as requested with 5-year warranty. All equipment including material to be installed by the Bidder shall be new and the product should not be de-supported or declared end of life during the next 7 years. A certificate to that effect should be furnished from OEM. All equipment shall conform to the codes, standards and regulations applicable and benefit from the usual manufacturer’s guarantees. The bidder should submit OEM’s confirmation that the Products quoted are not end-of-life for the further period of 7 years from the date of authorization.

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

Bidder is required to carry out following tasks:

Scope of work for LAN Cabling Work:

1. The requirement of IP CCTV cameras with other accessories mentioned in the bid is indicative. At the time of implementation, depending upon the grant availability, cameras, & required accessories per location will be procured.
2. Bidder will be responsible to undertake and complete the works related to supply, installation and commissioning of services as indicated in the bid and within the duration prescribed in the bid. The bidder has to lay the LAN Cable for fulfill the requirements as per RFP.
3. Bidder has to supply ISI approved HDPE pipe, casing capping, flexible PVC pipes, raceways etc.
4. The bidder will have to submit layout diagram indicating the location of equipment to be installed at INSTITUTE 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 INSTITUTE for Schematics Diagram (Layout) within 15 days from the date of Work Order for Cabling & laying work. INSTITUTE will decide the location of installation within maximum 15 days from the date of Work Order.
5. The Bidder is requested to visit the site(s) before submission of their bid for any other clarification / measurements for finalization of scope of work / supply before submission of their bid.
6. It is envisaged that the bidder has understood the requirement fully and shall comply with the technical & functional requirements of the offered system including the scope of work/ services.

Complete installation shall be done in accordance with installation practices for a well-structured cabling system with proper tagging and labeling. The structured cabling distribution network shall serve as a vehicle for transport of data, video and voice signals throughout the network.
Installation, termination and identification of wiring between station outlets and Equipment Room shall be considered part of the Successful Bidder work.

The system shall utilize a network of unshielded twisted pair, riser, tie and station cables. Cables and terminations shall be provided and located as per the requirements and in the quantities mentioned in RFP.

All cables and terminations shall be identified at all locations.

All cables shall terminate in an alphanumeric sequence at all termination locations.

All balanced twisted pair cable terminations shall comply with, and be tested to TIA/EIA568-B standards for Category 6 & Category 6A installations.

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

The Successful Bidder has to furnish network diagram, working drawings and as-built drawings, which shall be an essential component of commissioning. The successful bidder has to provide on-site warranty for all active components and other equipment as mentioned in RFP.

**Scope of work for installing Active Components:**

- Supply, Installations, Testing & Commissioning of Switches as per Technical specification.
- The switches will be installed at locations identified for the IP surveillance installations.
- The cameras have to be connected to the switches.
- Successful bidder is required to install and connect UPS with necessary electrification to connect all the devices proposed under this project.

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

1. Supply, Installations, Testing & Commissioning of High-performance IP based video surveillance system with cameras having support to web browser access, remote access and remote management, with required storage capacity to store the video feeds. This IP Video Surveillance / CCTV System should support live Streaming and recording facility can be seen from mobile App (iOS, Android and web app)

2. The scope is to Supply, Installation, Testing and Commissioning of the entire system end-to-end. The Successful Bidder carrying out the SITC shall make the system entirely operational for its intended use, by addition of components specific to its make/model even if not specifically mentioned in the BoQ. Also, most current versions of software and applications shall be provided by the Successful Bidder, as applicable at the time of execution and commissioning.

3. The Successful Bidder has to furnish working drawings and as-built drawings, and other relevant documents which shall be an essential component of commissioning.

4. The system shall support storage of H.264, H.265, MJPEG 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.

5. All the licenses procured, deployed by the bidder for this RFP should be in the name of TENDERER/Institute and valid perpetual for life.

6. **IP Video Surveillance System:** This shall include the supply, installation, commissioning & testing of Fixed surveillance cameras, Fixed cameras poles/masts and suitable brackets for mounting the cameras, weather-proof enclosures, fixtures, cables, connectors & any other devices/peripherals required for the proper functioning of various cameras.

**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. 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. On a video wall, it would be possible to show up to 100 cameras feeds on to the wall at the same time, auto sequencing to bring all feeds and then to pan in and zoom on one or more cameras simultaneously on the display unit.

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.

f) NVR/Video recording system should be designed to cater the need of future expansion i.e. 20% of total camera at respective site/location with required licenses, if any.

Camera installation in Gujarat Institute of Disaster Management, Gandhinagar:

- During the installation, the camera lens position has to be adjusted to get the desired view in the specific location in consultation with the INSTITUTE.
- The cameras should be configured with a suitable IP address as per the IP addressing scheme in the INSTITUTE.
- The cameras should be configured for automatic day/night display, so that without manual intervention, camera switches to night mode when the light condition is less.

Command & Control Center at Gujarat Institute of Disaster Management, Gandhinagar:

This shall include the supply, installation, commissioning & testing of NVR, Display Unit, network switches, keyboard, along with cabinets, enclosures, fixtures, cables, connectors and any other devices, peripherals required for the proper functioning of various components. The C&C centre will be located on separate room at the same campus or as decided by Gujarat Institute of Disaster Management, Gandhinagar/Institute.

- The NVR shall be configured to view all the cameras in the site in a respective display unit.
- The Control Room shall have Network Video Recorder (NVR) for achieving storage capabilities. For monitoring purposes, Display unit shall be set up with suitable mounting arrangements as per user requirements. Facility for viewing and controlling all the cameras as required should be provided.
- NVR with required Storage capacity has to be configured as per the technical specifications.
- NVR hard drives should be configured with RAID or equivalent levels for data protection.
- Cameras should be configured to directly access the local NVR and the storage of NVR. This is to make sure recording happens 24x7.
- The recording should be configured in such a way, when the storage capacity gets to maximum limit, re-write happens on a first in first out basis without any manual intervention.

7. IP Cameras and NVR should be Compatible to each other.

8. All the hardware and software features mentioned in the tender specifications should be available at the time submission of tender. INSTITUTE / GIL may ask for a demo of all IP cameras and related software as per tender.

9. Display unit should be provided with Wall/Table mounting Kit and other required accessories.

10. System Training: This shall include providing training of system operation & maintenance to the designated security personnel after the successful commissioning of the project. Appropriate training material should be provided during the training.


12. Components of proposed Surveillance System:
- Bullet Cameras
- Dome Camera
- Display Arrangement
- Backup Power Supply

13. The successful bidder has to provide on-site warranty for all equipments as mentioned in RFP.
Section - 3

Instructions to Bidders

ARTICLE - 1: COST OF BIDDING
1.1  The Bidder shall bear all costs associated with the preparation and submission of the Bid and Gujarat Informatics Ltd (GIL) INSTITUTE will in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.
1.2  In case of non-receipt of bid processing fees & EMD the bid will be rejected by GIL.

ARTICLE - 2: BIDDING DOCUMENTS
2.1  Bidder can download the bid document and further amendment if any freely available on https://www.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 - 3: CLARIFICATION ON BIDDING DOCUMENTS--Deleted

ARTICLE - 4: AMENDMENT OF BIDDING DOCUMENTS
4.1  At any time prior to the deadline for submission of bids, GIL / INSTITUTE, for any reason, whether at its own initiative or in response to the clarifications requested by prospective bidders may modify the bidding documents by amendment.
4.2  All prospective bidders are requested to browse our website & any amendments / corrigendum / modification will be notified on our website and such modification will be binding on them. Bidders are also requested to browse the website of GIL/GoG i.e. www.gil.gujarat.gov.in & www.gil.nprocure.com for further amendments if any.
4.3  In order to allow prospective bidders a reasonable time to take the amendment into account in preparing their bids, GIL / INSTITUTE, at its discretion, may extend the deadline for the submission of bids.

ARTICLE - 5: LANGUAGE OF BID
5.1  The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and GIL / INSTITUTE shall be in English. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in English. For purposes of interpretation of the bid, the translation shall govern.

ARTICLE - 6: SECTIONS COMPRISING THE BIDS
6.1  The quotation should be scan-able and distinct without any option stated in.
6.2  The bid submitted shall have the following documents:

EMD & Bid Processing Fees Section:
The EMD (refundable) & bid processing fee (non-refundable) to be furnished to GIL office on or before 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.

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

f) All Eligibility forms & technical specification & dealership\distributorship authorized certificate & supporting document related Eligibility & Technical Stage.

**Price Bid Section:**

a) Priced bid (in the prescribed format only)

**ARTICLE - 7: BID FORMS**

7.1 Wherever a specific form is prescribed in the Bid document, the Bidder shall use the form to provide relevant information. If the form does not provide space for any required information, space at the end of the form or additional sheets shall be uploaded to convey the said information. Failing to upload the information in the prescribed format, the bid is liable for rejection.

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

7.3 GIL / INSTITUTE shall not be bound by any printed conditions or provisions in the Bidder’s Bid Forms.

**ARTICLE - 8: FRAUDULENT & CORRUPT PRACTICE**

8.1 Fraudulent practice means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial noncompetitive levels and to deprive the GIL / INSTITUTE of the benefits of free and open competition.

8.2 “Corrupt Practice” means the offering, giving, receiving or soliciting of anything of value, pressurizing to influence the action of a public official in the process of Contract execution.

8.3 GIL / INSTITUTE will reject a proposal for award and may forfeit the E.M.D. and/or Performance Guarantee if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for, or in executing, contract(s).

**ARTICLE - 9: LACK OF INFORMATION TO BIDDER**

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

**ARTICLE - 10: CONTRACT OBLIGATIONS**

10.1 If after the award of the contract the Bidder does not sign the Agreement or fails to furnish the Performance Bank guarantee within fifteen (15) working days from the date of confirmed purchase order, along with the inspection 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 / INSTITUTE reserves the right to cancel the contract and apply all remedies available to him under the terms and conditions of this contract.

**ARTICLE - 11: BID PRICE**

11.1 The priced bid should indicate the prices in the format/price schedule only.

11.2 Offered price should be inclusive of Packing\Forwarding, Insurance, FOR destination (anywhere in the Gujarat state). GST needs to be shown separately.

11.3 Discount if offered, should not be mentioned separately. It should be included in offered price.

11.4 Any effort by a bidder or bidder’s agent\consultant or representative however described to influence the GIL\INSTITUTE in any way concerning scrutiny\consideration\evaluation\comparison of the bid or decision concerning award of contract shall entail rejection of the bid.

11.5 Unit rates should be quoted separately for each item. Quantities can be increased or decreased by purchaser and bidder has to supply deviated quantities at the rates prescribed and approved by the purchaser in the tender document.

**ARTICLE - 12: BID CURRENCY**

12.1 The prices should be quoted in Indian Rupees. Payment for the supply of equipments as specified in the agreement shall be made in Indian Rupees only.
ARTICLE - 13: EARNEST MONEY DEPOSIT (EMD)
13.1 The Bidder shall furnish, as part of the Bid, **EMD as mentioned in bid** in a separate envelope.
13.2 The un-priced bid (Technical-bid) will be opened subject to the confirmation of valid EMD and bid processing fees.
13.3 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.
13.4 The successful Bidder’s EMD will be discharged upon the Bidder signing the Contract/Agreement, furnishing the Performance Bank Guarantee as per bid, offer of inspection of the ordered material and after completion of bid validity whichever is later.
13.5 The EMD may be forfeited at the discretion of GIL / INSTITUTE, on account of one or more of the following reasons:
   a) The Bidder withdraws their Bid during the period of Bid validity specified by them on the Bid letter form.
   b) Bidder does not respond to requests for clarification of their Bid.
   c) Bidder fails to co-operate in the Bid evaluation process, and
   d) In case of a successful Bidder, the said Bidder fails:
      • To sign the Agreement in time,
      • To furnish Performance Bank Guarantee
      • If the bidder is found to be involved in fraudulent practices.

ARTICLE - 14: PERIOD OF VALIDITY OF BIDS
14.1 Bids shall remain valid for **180** days after the date of Financial Opening by GIL. A Bid valid for a shorter period shall be rejected as non-responsive.
14.2 In exceptional circumstances, GIL / INSTITUTE may solicit Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The EMD shall also be suitably extended. A Bidder granting the request is not required nor permitted to modify the Bid.

ARTICLE - 15: DURATION OF THE CONTRACT
15.1 The duration of the Contract period for this will be of **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 of hardware and software & completion of deployment of software as per the RFP.

ARTICLE - 16: BID DUE DATE
16.1 Bid must be uploaded by vendor not later than the due date specified in the RFP.
16.2 The GIL / INSTITUTE may, as its discretion, extend the bid due date, in which case all rights and obligations of the GIL / INSTITUTE and the bidders, previously subject to the bid due date, shall thereafter be subject to the new bid due date as extended.

ARTICLE - 17: LATE BID
17.1 No bidder may be able to upload or submit the bid after the bid due date/time.

ARTICLE - 18: MODIFICATION AND WITHDRAWAL OF BID
18.1 The Bidder may modify or withdraw its Bid before the due date of bid submission.
18.2 No Bid may be modified subsequent to the deadline for submission of bids.
18.3 No Bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of Bid validity specified by the Bidder on the bid letter form. Withdrawal of a Bid during this interval may result in the bidder’s forfeiture of its EMD.

ARTICLE - 19: OPENING OF BIDS BY GIL
19.1 Bids will be opened in the presence of Bidder’s representatives, who choose to attend. The Bidder’s representatives who are present shall sign a register evidencing their attendance.
19.2 The Bidder’s names, Bid modifications or withdrawals, discounts and the presence or absence of relevant EMD and such other details as the GIL / INSTITUTE officer at his/her discretion, may consider appropriate, will be announced at the opening.

19.3 Immediately after the closing time, the GIL / INSTITUTE contact person shall open the Un-priced Bids and list them for further evaluation.

ARTICLE - 20: CONTACTING GIL / INSTITUTE

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

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

ARTICLE - 21: REJECTION OF BIDS

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

ARTICLE - 22: PRELIMINARY EXAMINATION OF BID

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

22.2 Firstly, the documentation furnished by the Bidder will be examined based on the following criteria:
   (i) Compliance to bid document.
   (ii) Evaluation of Eligibility Criteria & Technical Specifications of the Product / Solution Offered. (The bidder shall provide details in the bid)
   (iii) Experience in handling such projects (the bidder shall provide information in the BID)

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

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

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

22.6 Choice of Firm: Final Choice of Firm to execute this project shall be made on the basis of conformity to eligibility & technical bid. The financial bid of the technically qualified bidders will be opened and financially L1 bidder will be decided from the sum total of prices for all line items without tax with 5 years warranty and then called for further negotiations if required.

22.7 As per the provision in Electronics & IT/ITeS Start-up Policy Resolution No. ITS/10/2015/5284/IT dated 6th June, 2016 issued by Department of Science & Technology; in e-Governance project undertaken by Government Departments or its Boards, Corporations or parastatal bodies getting grants from the Government, the chosen solution provider or system integrator will pass on job work or will outsource part of the work of a value ranging between 5% to 10% of the contract value to the eligible start-ups and to students of shortlisted Technical Colleges in Gujarat. In such arrangements, the responsibility of meeting SLAs (Service Level Agreements) will continue to belong to the solution provider or the system integrator.

ARTICLE - 23: AWARD OF CONTRACT

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

23.2 INSTITUTE’s right to vary requirements at time of award: GIL/ INSTITUTE reserves the right at the time of award to increase or decrease quantity for the requirements originally specified in the document without any change in Bid rate or other terms and conditions.
23.3 In case, if lowest bidder does not accept the award of contract or found to be involved in corrupt and/or fraudulent practices, the next lowest bidder will be awarded the contract. In such scenario, the lowest bidder has to born the difference between lowest prices and next lowest prices.

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

ARTICLE - 24: NOTIFICATION OF AWARD & SIGNING OF CONTRACT

24.1 Prior to expiration of the period of Bid validity, INSTITUTE will notify the successful Bidder and issue LoI.

24.2 The Successful bidder has to submit Performance Bank Guarantee as mentioned in bid.

24.3 Successful Bidder will have to sign the contract upon receiving the purchase order with the purchaser(s) within 15 working days from the date of purchase order. (The draft is attached herewith).

ARTICLE - 25: FORCE MAJEURE

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

25.2 Force Majeure Events

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

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

25.3 Natural events (“Natural Events”) to the extent they satisfy the foregoing requirements including:

(a) Any material effect on the natural elements, including lightning, fire, earthquake, cyclone, flood, storm, tornado, or typhoon;
(b) Explosion or chemical contamination (other than resulting from an act of war);
(c) Epidemic such as plague;
(d) Any event or circumstance of a nature analogous to any of the foregoing.

25.4 Other Events (“Political Events”) to the extent that they satisfy the foregoing requirements including: Political Events which occur inside or Outside the State of Gujarat or involve directly the State Government and the Central Government (“Direct Political Event”), including:

(i) Act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, revolution, riot, insurrection, civil commotion, act of terrorism or sabotage;
(ii) Strikes, work to rules, go-slows which are either widespread, nation-wide, or state-wide and are of political nature;
(iii) Any event or circumstance of a nature analogous to any of the foregoing.

25.5 FORCE MAJEURE EXCLUSIONS

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

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

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

**ARTICLE – 26: CONTRACT OBLIGATIONS**
Once a tender is confirmed and signed, the terms and conditions contained therein shall take precedence over the Bidder’s bid and all previous correspondence.

**ARTICLE – 27: AMENDMENT TO THE AGREEMENT**
Amendments to the Agreement may be made by mutual agreement by both the Parties. No variation in or modification in the terms of the Agreement shall be made except by written amendment signed by both the parties. All alterations and changes in the Agreement will take into account prevailing rules, regulations and laws applicable in the State of Gujarat.

**ARTICLE – 28: USE OF AGREEMENT DOCUMENTS AND INFORMATION**
The Vendor shall not without prior written consent from GoG disclose the Agreement or any provision thereof or any specification, plans, drawings, pattern, samples or information furnished by or on behalf of INSTITUTE in connection therewith to any person other than the person employed by the Vendor in the performance of the Agreement. Disclosure to any such employee shall be made in confidence and shall extend only as far as may be necessary for such performance.

The Vendor shall not without prior written consent of INSTITUTE 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 INSTITUTE other than the Agreement itself shall remain the property of INSTITUTE and Originals and all copies shall be returned to INSTITUTE on completion of the Vendor’s performance under the Agreement, if so required by INSTITUTE.

**ARTICLE – 29: TAXES & DUTIES**
Vendor is liable for all taxes and duties etc. as may be applicable from time to time.

**ARTICLE – 30: BOOKS & RECORDS**
Vendor shall maintain adequate books and records in connection with Contract and shall make them available for inspection and audit by INSTITUTE during the terms of Contract until expiry of the performance guarantee.

**ARTICLE – 31: WARRANTY TERMS**
The successful bidder/Agency shall give on-site warranty for all equipments mentioned in RFP for 5 years. Bidder has to quote for total 5-year warranty. **L1 will be decided with 5 years warranty.**

In the event that the materials supplied do not meet the specifications and/or are not in accordance with the drawings data in terms of this order, and rectification is required at site, INSTITUTE shall notify the Vendor giving full details of difference. The Vendor shall attend the site within seven (7) days of receipt of such notice to meet and agree with representatives of INSTITUTE, the action required to correct the deficiency. Should the Vendor fail the attend meeting at site within the time specified above, INSTITUTE shall be at liberty to rectify the work/materials and Vendor shall reimburse INSTITUTE all costs and expenses incurred in connection with such trouble or defect.

**ARTICLE – 32: PERFORMANCE GUARANTEE**

32.1 The Vendor shall furnish Performance Guarantee for the duration of warranty period + extra 3 months to INSTITUTE / GoG.

32.2 The performance guarantee will be in the form of bank guarantee towards faithful performance of the contract obligation, and performance of the equipments during Warranty period. In case of poor and unsatisfactory field services, INSTITUTE shall invoke the PBG.

32.3 The Successful bidder has to submit Performance Bank Guarantee @ 10% of total order value within 15 days from the date of issue of Purchase order (for warranty period + extra 3 months) All Nationalized Bank including the public sector bank or 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. (The draft of Performance Bank Guarantee is attached herewith).

32.4 The Performance Guarantee shall be discharged by INSTITUTE and returned to the Vendor within 30 days from the date of expiry of the Performance Bank Guarantee.

ARTICLE- 33: DELIVERIES AND INSTALLATION / IMPLEMENTATION:

- The work has to be completed within 60 days for the date of Work Order issued. The bidder has to take the necessary approval of INSTITUTE for Schematics Diagram (Layout) within 15 days for cabling & laying work of Video Surveillance System and complete the from the remaining 45 days.
- If in any case the quoted Item is not available in the market at the time of delivery, the bidder will have to supply Higher Version/replacement of that Item in the quoted cost in the same time duration with prior approval of GIL. No “End of Life” product should be quoted to minimize such instances.

ARTICLE –34: PAYMENTS TERMS

34.1 No advance Payment will be made.
34.2 50 % payment will be made after Delivery of all hardware and related peripherals at site. The inspection will be done by GIL.
34.3 30 % payment will be made after Installation and completion of Work & Acceptance Test.
34.4 Remaining 20 % payment will be made after 90 days from completion of the work and training to personnel from THE OFFICE.

ARTICLE – 35: SERVICE TERMS

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

ARTICLE – 36: PENALTY CLAUSE

36.1 Penalties for delay in implementation:
a) If the bidder fails to deliver the requisite hardware and software within 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.

b) The amount of penalty for delay in delivery & installation shall be subject to maximum limit of 10 % of the total contract value.

c) Delay in excess of 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.

d) In case, the selected bidder does not supply the ordered items for any reason, the bidder will be liable to pay the difference amount to the purchaser, over and above the performance guarantee, which indenter department has to pay to the next or other selected bidder for purpose of the said items.

36.2 Operational Penalties:

a) During warranty period, if the complaint is not resolved within 48 hrs, the penalty of Rs. 500 per day for 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.

b) In case of major failure happens due to which services may be effecting for longer period, the bidder will be required to an immediate alternate arrangement of the same till it is repaired. Failure to arrange for the immediate repair/replacement will be liable for penalty of Rs.500 per day for Camera, 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 INSTITUTE, software vendor and/or do liasioning 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 – 37: PROJECT IMPLEMENTATION

37.1 The selected agency will have to complete the work which includes Supply, Installation, Testing and Commissioning of hardware and required equipments including LAN & cabling work within the time limit given in the bid. The bidder has to take the necessary approval of INSTITUTE for Schematics Diagram (Layout) within 15 days for cabling & laying work of Video Surveillance System and complete the work from the remaining 45 days.

37.2 The Selected agency will implement the project strictly as per the plan approved by INSTITUTE. The Vendor shall carry out cabling work at such locations as may be decided by INSTITUTE within a specified period as specified in Instruction letter/LOI/Order and complete their provisional Acceptance Test to the satisfaction of INSTITUTE within 10 days from the date specified. This period may be extended depending upon the fulfillment of Conditions Precedent.

37.3 Installation, Commissioning and Acceptance of work will be undertaken by INSTITUTE. 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 INSTITUTE for release of payment.

37.4 As part of implementation the Vendor shall provide details of equipment that will be incorporated in the proposed system, material and manpower as required. The location for storing spare parts and quantity there on should also be clearly indicated.

37.5 The Vendor shall provide the necessary technical support, Standard Operating Procedure (SOP) and other information to INSTITUTE and its user organizations in implementing the proposed system applications. INSTITUTE at any time during the currency of the Agreement should have access to the proposed sites.

37.6 The Vendor shall provide training to INSTITUTE Personnel at no cost to INSTITUTE. The training schedule, content and modalities will be defined jointly by both the parties.

37.7 The Vendor shall arrange to obtain all statutory permission with no cost to INSTITUTE. 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 INSTITUTE. It will be the responsibility of the Vendor to co-ordinate with INSTITUTE required to execute the job.
37.8 The Vendor shall not disturb or damage the existing network of communication. If in case any damage to the network is done, the same shall be corrected with no extra cost. The agency shall also be responsible for paying penalty, as imposed by the service owner to which the damage is incurred.

37.9 In case of the material/solution supplied and installed is rejected owing to its non-conformity to the specification or due to the poor quality of workmanship, the same shall be replaced promptly.

37.10 Vendor shall treat all matters connected with the contract strictly confidential and shall undertake not to disclose, in any way, information, documents, technical data, experience and know how, without prior written permission from INSTITUTE.

37.11 Any damage caused to the property of INSTITUTE while executing the job shall be solely Vendor's responsibility. In case any damage to the property is caused, the same will be recovered from the Vendors. No any extra cost shall be paid to the Vendor for such reasons.

37.12 The Vendor shall have to furnish the documentation of the work undertaken in consultation with INSTITUTE. 3 sets of such documentation should be provided before the issue of completion certificate.

37.13 It is a turnkey project. The Vendor shall be fully responsible for implementing the Project in totality and should include the items and their prices, if not included in Schedule of Requirement to complete the project on turnkey basis. Any claim whatsoever in this regard will not be entertained later on.

37.14 In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from else ware as prescribed in bid and Vendor shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the contract for the goods involved i.e. at the risk and cost of the Vendor.

37.15 INSTITUTE reserve the right to visit any working site of the Vendor with prior intimation. The concern Vendor has to make necessary arrangement for the same.

37.16 The Supplier shall be responsible and take required insurance for all of their representations working on the site at their own cost. INSTITUTE will not be responsible for any loss or damage to any of the representatives of the Supplier during the said contract.

37.17 All work shall be performed and executed by the Supplier in strict conformity with INSTITUTE and any relative instruction issued to the Supplier by INSTITUTE time to time.

37.18 In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from else ware as prescribed in bid and Vendor shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the contract for the goods involved i.e. at the risk and cost of the Vendor.

37.19 INSTITUTE shall associate few engineers / technicians during installation and commissioning work. Vendor shall ensure proper participation of the nominated personnel from INSTITUTE and train them on the system related. Also, vendor shall organize the systematic training of selected personnel from INSTITUTE on the operation / management of equipments.

ARTICLE – 38: ACCEPTANCE TEST
Acceptance Test will be conducted in as follows:

38.1 INSTITUTE reserve 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, INSTITUTE may reject them and the Vendor shall have to replace the rejected goods. In case of inspection waiver the same shall be obtained before the dispatch of goods. Inspection of rest of material shall be done at site. Sample approval should be obtained before installation for such material.

38.2 The first step will involve successful installation of all sites. The provisional acceptance of these sites will be defined as Partial Acceptance.

38.3 The date on which Acceptance Certificate is issued shall be deemed to be the date of successful Commissioning of the System.

38.4 Any delay by the Vendor in the Acceptance Testing shall render the Vendor liable to the imposition of appropriate Penalties.

ARTICLE – 39: INSTALLATION REQUIREMENTS

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

ARTICLE – 40: SOFTWARE LICENCES (IF APPLICABLE)
The Vendor shall be responsible for providing Software (System Software, Application Software, Device Drivers, IOS, etc) required, if any, during warranty period to INSTITUTE. All license software must be in the name of INSTITUTE / Government of Gujarat. The ownership of any involved customize software will be of the INSTITUTE / Government of Gujarat.

ARTICLE – 41: INSTALLATION OF ADDITIONAL HARDWARE (IF APPLICABLE)
During the currency of the Agreement, for any additional requirement of equipment including interface equipment, the specifications will be provided by the Vendor. INSTITUTE /The Third-Party Agency will verify suitability of the specifications submitted by Vendor and recommend to INSTITUTE for acceptance. The Vendor will be obligated to undertake integration, operation and maintenance for all additional equipments if required.

ARTICLE – 42: THIRD PARTY AGENCY
INSTITUTE may appoint Third Party Agency, who would monitor the project during implementation, commissioning and operation. The Third-Party Agency will also conduct the Partial and Final Acceptance Test as per the technical requirement of the Agreement and will issue the Certificate of Completion of each proposed site. Third Party Agency will verify the services provided by the Vendor under the Agreement. The Vendor will co-operate with such Third-Party Agency.

ARTICLE – 43: SUPPORT FROM EXTERNAL AGENCY (IF APPLICABLE)
In case, if Vendor wish to have support from any external agency, it’s very necessary to inform INSTITUTE in written prior to allow them to work on INSTITUTE infrastructure. The information should contain all respective information about the company from whom support has been extended, the person/group of people and the segment in which services has been taken. On completion of the task, another report should be submitted by mentioning action taken by this person/group of people from external agency, with duration. The Vendor is sole responsible for the action taken by such agency on their behalf. No Data/ Information should be sent out of the premise without obtaining prior written confirmation from the INSTITUTE.
Section - 4
Make & Model List

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**Note:** The Bidder may quote only one option (i.e. one product 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 from the date of bid submission.
## Section - 5

### Technical Specification

<table>
<thead>
<tr>
<th>Indoor Dome IP Camera - Minimum Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image sensor: 1/3” Progressive Scan CMOS 2 MP or better</td>
</tr>
<tr>
<td>Lens: 2.8 to 12 mm or better, DC-iris, motorized</td>
</tr>
<tr>
<td>Day and Night: Automatic/manual/scheduled</td>
</tr>
<tr>
<td>IR Range: Min 30 Mtr or better</td>
</tr>
<tr>
<td>WDR: True WDR &gt;=100 db</td>
</tr>
<tr>
<td>Min. Illumination / Light Sensitivity: Color mode: F1.2 @ 0.5 lux and B&amp;W mode: F1.2@ 0.01 lux</td>
</tr>
<tr>
<td>Light sensor: Senses the level of ambient light to determine when to switch day/night mode.</td>
</tr>
<tr>
<td>Video Compression: MJPEG, H.264, H. 265</td>
</tr>
<tr>
<td>Video Stream: Individually configurable min 03 video streams (H.264/H.265), Unicast/ Multicast</td>
</tr>
<tr>
<td>Intelligent Video: Motion Detection, Camera Tampering</td>
</tr>
<tr>
<td>Resolutions and frames rates: 25/30 fps at 1920x1080 (1080p)</td>
</tr>
<tr>
<td>Protocol Support: IPv4, IPv6, TCP/IP, HTTP, DHCP, UDP, DNS, SMTP, RTP, RTSP, SNMP protocols/Should meet all functional requirement of the project</td>
</tr>
<tr>
<td>Interface: 10/100BaseT or better RJ45 Port with 802.3af POE Support</td>
</tr>
<tr>
<td>Camera Should remote Zoom and Auto focus</td>
</tr>
<tr>
<td>Camera should be supplied with 32GB Micro SD/SDHC/SDXC memory card for recording</td>
</tr>
<tr>
<td>IP 66 and IK 10 Rated housing</td>
</tr>
<tr>
<td>Should be ONVIF Profile S compliant</td>
</tr>
<tr>
<td>Certification- UL/ETL, BIS certified at the time of bidding</td>
</tr>
<tr>
<td>Operating Temperature: 0-50 °C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outdoor Bullet IP Camera</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image sensor: 1/3” Progressive Scan CMOS 2 MP or better</td>
</tr>
<tr>
<td>Lens: 2.8 to 12 mm or better, DC-iris, motorized Zoom</td>
</tr>
<tr>
<td>Day and Night: Automatic/manual/scheduled</td>
</tr>
<tr>
<td>IR Range: Min 30 Mtr. or better</td>
</tr>
<tr>
<td>WDR: True WDR &gt;=100 db or better</td>
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<tr>
<td>Min. Illumination / Light Sensitivity: Color mode: F1.2 @ 0.5 lux and B&amp;W mode: F1.2@ 0.01 lux</td>
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<td>Video Compression: MJPEG, H.264, H. 265</td>
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<td>Intelligent Video: Motion Detection, Camera Tampering</td>
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<td>Resolutions and frames rates: 25/30 fps at 1920x1080 (1080p)</td>
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<td>Protocol Support: IPv4, IPv6, TCP/IP, HTTP, DHCP, UDP, DNS, SMTP, RTP, RTSP, SNMP protocols/Should meet all functional requirement of the project</td>
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<tr>
<td>IP 66 and IK 10 Rated housing</td>
</tr>
<tr>
<td>Should be ONVIF Profile S compliant</td>
</tr>
<tr>
<td>Certification- UL/ETL, BIS certified at the time of bidding</td>
</tr>
<tr>
<td>Operating Temperature: 0-55 °C, should have sun shield on top of the camera enclosure</td>
</tr>
<tr>
<td>Should be supplied with suitable mounting box, L/C Bracket and other required accessories.</td>
</tr>
</tbody>
</table>
# 64 CH Network Video Recorder

| 64 Channels or better NVR with SATA/NL-SAS hard drive support configured with RAID or equivalent levels for disk protection with storage capacity to keep 30 days video recording for all cameras installed under this project. |

Bidder is required to propose required capacity of HDD at full resolution without degrading image quality with each NVR as per the solution requirement, scope of work.

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

---

# 8 Port L2 Switch with PoE and Patch panel

| Switch should have minimum 8 No’s of 10/100/1000 Base-Tx PoE ports Duplex, Full, Half and min. 2 nos. of SFP ports (2 SFP Slots loaded with 1 Gbps Single mode SFP Module). Switch PoE power rating should sufficient to support the cameras to be connected |

Should have minimum switching capacity of 8 Gbps.

Should be IPv4 and IPv6 ready from day one

Should have IGMP snooping v1,2 & 3 supporting min 100 multicast groups

Should support protocols like MSTP, STP, RSTP, dot1q VLAN-tagging, IEEE 802.3ad, NTP

Switch should support Port-based and 802.1Q tag-based VLANs, MAC-based VLAN, Guest VLAN, Private VLAN, with multiple uplinks

All ports should have features of auto-negotiate, flow control (802.3x), port-based network access control (802.1x), port security, MAC filtering etc.

The switch should support, IPv6 DHCP-Guard/ DHCP Snooping, Source-Guard features

All necessary SFP's, interfaces, connectors, patch cords (if any) & licenses must be delivered along with the switch from day one.

Should have console port for administration & management, CLI and web-based GUI for easy management

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.

Multilevel security on console access to prevent unauthorized users from altering the switch configuration.

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

Duplicate address detection (DAD)

Operating Temperature: 0 ° C to 55 ° C

10 % to 90 % RH, non-condensing

The Switch should be Rack mountable & the switch should be supplied with Indian standard AC power cord, suitable Patch Panels with I/O’s
## 1 KVA Online UPS (with 30 Minutes battery backup) – Minimum Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Output Power Capacity</strong></td>
<td>1 KVA True Online Double Conversion</td>
</tr>
<tr>
<td><strong>Technology</strong></td>
<td>Rectifier &amp; Inverter both to be IGBT based PWM</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>CE, BIS and ROHS standards (certified at the time of bidding)</td>
</tr>
<tr>
<td><strong>Input Voltage Range</strong></td>
<td>160-280 VAC @ 100% load, Single Phase</td>
</tr>
<tr>
<td><strong>Input Freq. Range</strong></td>
<td>50Hz +/- 5% (auto sensing)</td>
</tr>
<tr>
<td><strong>Input Protection</strong></td>
<td>Thermal Circuit Breaker/Isolator with fuses</td>
</tr>
<tr>
<td><strong>Output Voltage</strong></td>
<td>220/230/240 VAC +/- 1 %</td>
</tr>
<tr>
<td><strong>Output Frequency</strong></td>
<td>50Hz ± 2 %</td>
</tr>
<tr>
<td><strong>Output Waveform</strong></td>
<td>Pure Sinewave</td>
</tr>
<tr>
<td><strong>Output Power Factor</strong></td>
<td>0.8 or better</td>
</tr>
<tr>
<td><strong>Efficiency</strong></td>
<td>&gt; 90%</td>
</tr>
<tr>
<td><strong>Battery Type</strong></td>
<td>SMF-VRLA (Sealed maintenance free valve regulated lead acid)</td>
</tr>
<tr>
<td><strong>Battery Make</strong></td>
<td>Exide / Rocket/ Quanta/ Panasonic/ CSB/ Yuasa/ Relicell/Rocket or equivalent (Battery Sr. No on OEM Letter Head with Warranty Assurance of 2 years)</td>
</tr>
<tr>
<td><strong>Battery Backup</strong></td>
<td>Min. 30-minute backup on Full Load</td>
</tr>
<tr>
<td><strong>Communication</strong></td>
<td>Full-Functional SNMP Card should be present; RS 232 OR USB port with softw for UPS status monitoring</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>Inherent protection should be provided for Output Short-circuit and Over Input Fault, Cold Start, Low battery, Battery Over and Under charge, Battery Disconnect, Battery self-test feature, Over Temperature, OVCD, External Transformer Voltage Surge Suppressor, etc.</td>
</tr>
<tr>
<td><strong>LCD Display</strong></td>
<td>Input Voltage, Input Frequency, Output voltage, Output Current, Frequency, Battery Voltage, UPS Status, Load Level, Battery Level, Discharge Battery Disconnect and Fault Conditions</td>
</tr>
<tr>
<td><strong>By Pass</strong></td>
<td>Manual and Automatic (Built-in) Bypass switch should be provided</td>
</tr>
<tr>
<td><strong>Environment</strong></td>
<td>Noise Level – less than 50 dB at a distance of 1 meter</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>0-40° C</td>
</tr>
<tr>
<td><strong>Relative Humidity</strong></td>
<td>10-90% RH @ 0-40° C (Non-condensing)</td>
</tr>
<tr>
<td><strong>Miscellaneous</strong></td>
<td>ECO Mode Operation with Enable/Disable function</td>
</tr>
<tr>
<td></td>
<td>Cables: With all necessary cables and plug and Battery links</td>
</tr>
<tr>
<td></td>
<td>Rack: Suitable Metallic Rack for housing of SMF Batteries to be provided</td>
</tr>
<tr>
<td><strong>Battery Replacement</strong></td>
<td>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</td>
</tr>
</tbody>
</table>

## 600 VA Online UPS (with 15 Minutes battery backup) – Minimum Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>600 VA or more Line Interactive</td>
</tr>
<tr>
<td><strong>Technology</strong></td>
<td>Automatic Voltage Regulation</td>
</tr>
<tr>
<td><strong>Input Frequency Range</strong></td>
<td>50 Hz +/- 5%</td>
</tr>
<tr>
<td><strong>Output Frequency Range</strong></td>
<td>50 Hz +/- 5%</td>
</tr>
<tr>
<td><strong>Input Voltage</strong></td>
<td>160 V – 280 V, Single phase AC</td>
</tr>
<tr>
<td><strong>Output Voltage</strong></td>
<td>180VAC - 250 VAC +/- 10%</td>
</tr>
<tr>
<td><strong>Voltage Regulation</strong></td>
<td>+/-10% (or better)</td>
</tr>
<tr>
<td><strong>Output Waveform</strong></td>
<td>Modified Sine Wave</td>
</tr>
<tr>
<td><strong>Output Power Factor</strong></td>
<td>0.6 or more</td>
</tr>
<tr>
<td><strong>Battery type</strong></td>
<td>SMF-VRLA built-in</td>
</tr>
<tr>
<td><strong>Battery make</strong></td>
<td>Exide/Quanta/CSB/Panasonic/Yuasa/Rocket (Battery Sr. No on OEM Letter Head with Warranty Assurance of 1 years)</td>
</tr>
<tr>
<td><strong>Battery Backup</strong></td>
<td>Minimum backup of 15 Minutes</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>0 to 40 Degree Celsius</td>
</tr>
</tbody>
</table>
## Alarms & Indications

All necessary alarms & indications essential for performance monitoring of UPS like mains presence or fail, UPS mode, low battery, overload

### Protections

- 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

### Certifications

BIS certified at the time of bidding

### 40” or Higher LED Display Unit – Minimum Specifications

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Full HD LED Display, Direct LED Backlight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen Size</td>
<td>40” or higher</td>
</tr>
<tr>
<td>Resolution</td>
<td>Min. Full High definition (1920 X 1080) 16:9 Widescreen</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1200:1 or better</td>
</tr>
<tr>
<td>Brightness</td>
<td>300 Cd/m2 or better</td>
</tr>
<tr>
<td>Refresh rate</td>
<td>60 Hz or better</td>
</tr>
<tr>
<td>Response Time</td>
<td>8 to 12 ms</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>160 degrees or better</td>
</tr>
<tr>
<td>Speakers</td>
<td>Built in 2 x 10W (RMS)</td>
</tr>
<tr>
<td>Standard Inputs</td>
<td>1x Digital DVI-I ; 1x Digital DVI-D/HDMI Port or Higher</td>
</tr>
<tr>
<td>Standard Outputs</td>
<td>1x Digital DVI-D / 1x DP 1.2</td>
</tr>
<tr>
<td>Control</td>
<td>RS-232/RS-422/IR</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>Not more than 300 Watt</td>
</tr>
<tr>
<td>Power Supply</td>
<td>AC 100 -240 V~ (+/-10 %), 50/60 Hz</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0°C - 40°C</td>
</tr>
<tr>
<td>Certification</td>
<td>ANSI/ETL/UL, CE, FCC, BIS certified at the time of bidding</td>
</tr>
<tr>
<td>Accessories</td>
<td>Dual Link DVI-D /DP/HDMI cable, AC power cable, Remote Control, Batteries, Wall mount bracket etc.</td>
</tr>
</tbody>
</table>

### 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
### Junction box for camera end point CCTV infrastructure—Minimum Specifications

| 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. |
| Utility & IP rating | Should be Made for 24X7X365 Outdoor Applications; The Utility Cabinet shall be IP 55 certified (Regulatory Standard) for ingress protection. |
| 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. |
| 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. |
| 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 |
| 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. |

### Other Components

| Surge Protection Power Strip |
| 1.5" Size PVC pipe, ISI mark (In mtrs.) |
| 32 MM ISI mark HDPE Pipe for Fiber Cable (As per Actual Qty Required at Site) (In mtrs.) |

**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 through put, 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 - 6
### Price Bid Format

<table>
<thead>
<tr>
<th>S/n.</th>
<th>Item</th>
<th>Qty. (In Nos.)</th>
<th>Unit Price With 5 Year Warranty (In Rs.) (Without Tax)</th>
<th>Total Price With 5 Years Warranty (In Rs.) (Without Tax)</th>
<th>Rate of GST (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Indoor Dome IP Camera</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Outdoor Bullet IP Camera</td>
<td>36</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>64 CH Network Video Recorder (NVR) with required storage capacity (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)</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>8 port L2 Switch with PoE and patch panel</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1 KVA Online UPS (with 30 Minutes battery backup)</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>600 VA UPS (with 15 Minutes battery backup)</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>40” or higher LED Display Unit</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>12 U Rack</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Junction box for end point CCTV Infrastructure</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Surge Protection Power Strip</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 10   | Edge Infrastructure (as per proposed architecture, solution and scope of work):  
- Inclusive of all the Active and passive line items like Network Switches, UPS, Junction Box, 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. | 1              |                                                        |                                                          |                 |

**Grand Total**
Note:
1. Rate to be filled should be inclusive of Packing/ Forwarding, Insurance, FOR destination (anywhere in the Gujarat state) and with applicable warranty except GST. GST will be paid on actuals at the time of invoicing.
2. L1 bidder will be decided from the sum total of prices for all line items without tax with 5 years warranty.
3. Bidder needs to upload detailed BOQ along with make & Model of all the line items.
Section - 7

Performa of Compliance letter/Authenticity of Information Provided

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

Date:

To,

DGM(Tech.)
Gujarat Informatics Ltd.
Block No.2, 2nd Floor, Karmayogi Bhavan,

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

Ref: RFP.NO. _________

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

To,

DGM (Technical)
Gujarat Informatics Limited
2nd Floor, Block -2, Karmayogi Bhavan,
C & D Wing, Sector – 10 A, Gandhinagar - 382017
Gujarat, India.

Whereas ----------------- (here in after called “the Bidder”) has submitted its bid dated -------------- in response to the RFP.NO______ 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/PURCHASER 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 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)
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 _______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/PURCHASER 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 notwithstanding 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 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
PERFORMA OF CONTRACT FORM

THIS AGREEMENT made on the __________ day of ____________________, 2019 ____ 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 WITHNESSETH 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 convenants 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 of the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said _________________________________ (For the Purchaser)

in the presence of __________________________

Signed, Sealed and Delivered by the

said _________________________________ (For the Supplier)

in the presence of __________________________
**Section - 9 Annexure**

**Bid Processing Fees & Earnest Money Deposit Details:**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Item</th>
<th>Amount (In Rs.)</th>
<th>Name &amp; branch of the bank</th>
<th>Demand Draft /PBG no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bid Processing Fees</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Earnest Money Deposit (E.M.D.)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ELIGIBILITY CRITERIA**

**Form no. E1: Financial strength of the bidder:**

<table>
<thead>
<tr>
<th>Financial Year</th>
<th>Turnover (Rs. In Crores)</th>
<th>Audited Accounts Submitted. (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Form no. E2: Office in GUJARAT:**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Address</th>
<th>Contact Person</th>
<th>Contact nos.</th>
<th>Type of supporting document attached</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** You may mention more than one office (if applicable) by adding multiple rows.

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

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Customer</th>
<th>Address of Installation</th>
<th>Start Date of Project</th>
<th>Completion Date of the Project</th>
<th>Scope of Work. Also specify the system installed</th>
<th>Specify No. of Active &amp; Passive Components</th>
<th>Value of the project in Rs.</th>
<th>No. of Nodes installed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

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

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Organization</th>
<th>Address of installation</th>
<th>P.O/ W.O. Date</th>
<th>No. of IP CCTV Cameras Installed</th>
<th>Value of the project in Rupees</th>
<th>Document attached or not?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.
Form no. E5: Authorization Letters:

<table>
<thead>
<tr>
<th>Item</th>
<th>Make &amp; Model</th>
<th>Name of OEM</th>
<th>Authorization Certificate Attached. (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor Dome IP Camera</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outdoor Bullet IP Camera</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64 CH Network Video Recorder (NVR) with required storage capacity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 port L2 Switch with PoE and Patch panel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 KVA Online UPS (with 30 Minutes battery backup)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>600 VA UPS (with 15 Minutes battery backup)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40” or higher LED Display Unit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 U Rack</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Junction box for end point CCTV Infrastructure</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Address</th>
<th>Contact Person</th>
<th>Contact nos.</th>
<th>Type of supporting document attached</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Please fill this form and submit the supporting documents. Failing the same may lead to the rejection of the bid.

Form no. E7: Experience of OEM / IP CCTV Camera Product Company:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Organization</th>
<th>Address of installation</th>
<th>P.O/ W.O. Date</th>
<th>No. of IP CCTV Cameras Installed</th>
<th>Value of the project in Rupees</th>
<th>Document attached or not?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

*****END*****