

## RFP Document



Request for proposal (RFP) for Selection of Implementing Agency for Supply, Installation, Commissioning and Operations & Maintenance of CCTV Video Surveillance System at various District & sub-jail on behalf of Office of the D.G.P. Prisons & Correctional Administration, Government of Gujarat

RFP. NO. GIL\Jails\Video Surveillance\2019-20 DATE: 05.07.2019

**Issued by:**



**Gujarat Informatics Ltd**

Block no. 2, 2<sup>nd</sup> Floor, Karmayogi Bhavan, Sector-10, Gandhianagar-382010, Gujarat  
Phone No. 079 23256022, 23259239 Fax: 079 23238925; [www.gil.gujarat.gov.in](http://www.gil.gujarat.gov.in)

## **Important Date & Time**

### **Pre Bid Meeting:**

**Date & Time:** 16.07.2019, 1500 hrs.

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

**Bid Due Date:** 30.05.2019 up to 1500 hrs.

### **Un-priced Bid Opening:**

**Date & Time:** 30.05.2019 at 1700 hrs.

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

**Note:** Please address all queries and correspondence to

**DGM (Tech)**

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

## **DISCLAIMER**

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

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

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

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

## Introduction

Gujarat Informatics Limited (GIL), on behalf of Office of the Addl. D. G. P. & Inspector General of Prisons, Ahmedabad (herein after referred as the “TENDERER”) invites the bid for Selection of Implementing Agency for Supply, Installation, Commissioning and Operations & Maintenance of CCTV Video Surveillance System at various District & sub-jail on behalf of Office of the D.G.P. Prisons & Correctional Administration, Government of Gujarat.

The selected Agency shall be fully capable and experienced in the work of carrying out Video Surveillance / CCTV System including Application Software. The Selected Agency must have trained and certified manpower including technicians capable of carrying out this job. The agency is required to deploy the trained & experienced manpower for this project. Successful bidder will have to supply, install & perform the acceptance test of the supplied equipment(s) at each location as per terms and conditions of the bid document. Bidder is requested to offer the cost for all the items and all the accessories as mentioned in bid document. GIL does not guarantee any fixed quantity at the time of signing the tender. Proposal in the form of BID are requested for the item(s) in complete accordance with the documents to be uploaded as per following guidelines:

- 1) Bidder shall submit their bids on <https://www.gil.nprocure.com>.
- 2) The Bidder will have to remit Non-Refundable Bid Processing Fees of **Rs. 17,700/-** & Earnest Money Deposit (E.M.D.) of **Rs. 50,00,000/-** (Rupees Fifty lakhs) (Refundable) **on or before the date & hours of submission of bid (i.e. 30.05.2019 up to 1500 Hrs)** in a sealed cover at GIL office with the heading “Bid processing fees & EMD for RFP no. GIL\Jails\Video Surveillance\2019-20 for Selection of Agency for Supply, Installation, Commissioning and warranty & Maintenance support of various Equipment’s for the Implementation of Video Surveillance System at jails.
  - a. Bid processing fees must be in the form of Demand Draft in the name of “Gujarat Informatics Ltd.” payable at Gandhinagar along with the covering letter.
  - b. EMD as mentioned above, shall be submitted in the form of Demand Draft OR in the form of an unconditional Bank Guarantee (which should be valid up to validity of 9 months from the date of bid submission) of any Nationalized Bank (operating in India having branch at Ahmedabad/ Gandhinagar) in the name of “Gujarat Informatics Ltd.” payable at Gandhinagar (as per prescribed format given at as per prescribed format given at Annexure A) and must be submitted along with the covering letter.
  - c. Please affix the stamp of your company on the overleaf of demand draft.
  - d. **Note:** Failing to submit physical covers of EMD and bid processing fees at GIL on or before **30.05.2019 up to 1500 Hrs** may lead to the rejection of the bid
- 3) Bid complete in all respects should be uploaded on or before the Bid due date.
- 4) Interested and eligible Bidders are required to upload the eligibility related document in Eligibility Bid Section, technical related document in Technical Bid Section & commercial bid in Commercial Bid Section. The Bids should be accompanied by a bid security & bid processing fees (non-refundable) as specified in this Bid Document. The Eligibility, Technical & Commercial Bid must be uploaded to <https://gil.nprocure.com> & the Bid Security and Bid Processing Fees must be delivered to the office of Gujarat Informatics Ltd.
- 5) **The Bidder may quote only one option i.e. one Make and model can be quoted against each line item.** Bidders are required to mention Make and Model of the product (Do not write “OEM” against items).
- 6) The Bid Processing Fees & Bid Security Section and Eligibility Section will be opened on the specified date & time in presence of the committee members and representatives of the bidders who choose to attend. The representative will be held responsible for all commitments made on behalf of the bidder and that will be considered valid for all further dealings related to this tender process.
- 7) Services offered should be strictly as per requirements mentioned in this Bid document. Please spell out any unavoidable deviations, Clause / Article-wise in your bid under the heading Deviations.

Once quoted, the bidder shall not make any subsequent price changes, whether resulting or arising out of any technical/commercial clarifications sought regarding the bid, even if any deviation or exclusion may be specifically stated in the bid. Such price changes shall render the bid liable for rejection.

### **Abbreviations**

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

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

- 1) "TENDERER" here shall mean "Office of the Inspector General (Prison), Ahmedabad, Government of Gujarat / Gujarat Informatics Limited (GIL)."
- 2) "Agreement" means the Service Level Agreement to be Signed between the successful bidder and TENDERER including all attachments, appendices, all documents incorporated by reference thereto together with any subsequent modifications, the RFP, the bid offer, the acceptance and all related correspondences, clarifications, presentations.
- 3) "Authorized Representative" shall mean any person/authorized by either of the parties.  
"Bidder" means any agency who fulfils the requirement laid in the RFP documents and is possess the required expertise and experience as per the RFP document. The word Bidder when used in the pre-award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder with whom the TENDERER Signs the Service Level Agreement for executing the said project.
- 4) "Contract" is used synonymously with Agreement.
- 5) "Corrupt Practice" means the offering, giving, receiving or soliciting of anything of value or influence the action of a public official in the process of Contract execution.
- 6) "Days" means calendar days in a week, month or year.
- 7) "Default Notice" means the written notice of Default of the Agreement issued by one Party to the other in terms hereof.
- 8) "Final Acceptance Test (FAT)" means the acceptance testing of the network End Points/ Access Points commissioned for the project at all/specified locations.
- 9) "Fraudulent Practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive TENDERER of the benefits of free and open competition.
- 10) "Good Industry Practice" means the exercise of that degree of skill, diligence and prudence which would reasonably and ordinarily be expected from a reasonably skilled and experienced Operator engaged in the same type of undertaking under the same or Similar circumstances.
- 11) "Implementation Period" shall mean the period from the date of Formal Work order and up to the issuance of Final Acceptance Test.

- 12) "Law" shall mean any act, notification, by-law, rules and regulations, directive, ordinance, order or instruction having the force of law enacted or issued by the Central Government and/ or the Government of Gujarat or any other Government or regulatory authority or political subdivision of government.
- 13) "O&M Period" means period of 5 years starting with the successful, installation and commissioning and FAT of the project components. The date of start of O&M shall start from the date of successful FAT of the equipment at all the site locations.
- 14) "Request for Proposal", means the detailed notification seeking a set of solutions(s), services(s), materials and/or any combination of them.
- 15) "Site" means the location(s) of the jail
- 16) "Service" means provision of Contracted service viz., operation, maintenance and associated services for this project.
- 17) "Service Down Time" (SDT) means the time period when specified services/network segments with specified technical and operational requirements as mentioned in this document are not available to TENDERER. The service shall be operational on all days of a year and 24-hours/ day with in the uptime specified in the Service Level Agreement (SLA). The service is considered as operational when all centers/ Sites at all tiers/ levels are working, providing all/ specified services as mentioned in full capacity at all locations in the network.
- 18) "Third Party/ Third party Agency" means any, if/as appointed by the TENDERER for monitoring the project components at all times.
- 19) "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

The bidder must possess the requisite experience, strength and capabilities in providing services necessary to meet the requirements as described in the RFP document. Keeping in view the complexity and volume of the work involved, following criteria are prescribed as the eligibility criteria for the bidder interested in undertaking the project. The bidder must also possess technical know-how and financial ability that would be required to successfully provide System Integration, Operation and Maintenance services sought by the Home Department, Govt. of Gujarat for the entire contract duration. The Bids must be complete in all respect and should cover entire scope of work as stipulated in the bid document. This invitation to bid is open to all bidders who qualify the eligibility criteria as given below:

S/N	Specific Requirements	Documents Required
1	Bidder should be a company registered under Companies Act, 1956/2013 and should have been operating in India for the last five years as on bid submission date.	Copy of Certificates of incorporation & Self-Declaration Certificates
2	Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least <b>five years</b> as on bid submission date.	Copy of Work Orders or Client Certificates confirming year and area of activity should be enclosed.
3	The Bidder must have annual turnover of at least Rs. 75 Crores for each of the last three financial years as on 31 <sup>st</sup> March, 2019.	Audited and Certified Balance Sheet and Profit/Loss Account of last 3 Financial Years 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.
4	Bidder should have demonstrable expertise and experience in executing at least ONE project of IP CCTV Surveillance system (setting up or O&M) anytime during last five years as on bid issuance date, having a <b>minimum value of Rs. 5 crores or TWO projects having a minimum value of Rs. 2.5 crores each.</b>	Details of such projects undertaken on Bidder's letter head along with clients' on-going/completion certificate/ letter stating project value and work completion status should be enclosed.
5	Bidder and OEM should not be blacklisted by any Ministry of Government of India or by Government of any other State in India or by Government of Gujarat or any of the Government PSUs at the time of bidding.	Certificate / affidavit/ Self-Declaration Form must be submitted as per Format IX of this RFP Document
6	OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered. <b>Supporting Document:</b> Please attach the copies of any two of the following: Property Tax Bill /Electricity Bills /Telephone Bills /VAT Registration/ CST Registration/ Valid Lease Agreement/certificate of incorporation. (E-6) a) OEM of the IP CCTV camera, Server, Storage and networking equipment should not be a company having its 50 percent shareholding stake by Chinese/Hongkong government or its entity or originated/founded by personnel of Defence origin. <b>Supporting Document:</b> OEM Undertaking on its letter head along with copies of supporting documents confirming the compliance to the clause requirement.	



S/N	Specific Requirements	Documents Required
	<p><b>b)</b> The OEM of the IP CCTV Camera should have an installation base in a single project in India containing minimum 500 IP CCTV Cameras (of quoted camera make) OR 2 projects containing minimum 250 IP CCTV Cameras (of quoted camera Make). <b>Supporting Document:</b> Copies of Purchase Order(s) / letter from Customer confirming the clause requirement should be submitted. (Form no. E-7)</p> <p><b>c)</b> OEM of the Storage solution should be among the Worldwide Top 5 External Enterprise Storage Systems Companies, in terms of market share as per IDC report for 2018Q3</p>	
7	The bidder should have local presence and should have an office in Gujarat. In case bidder does not have office in Gujarat, bidder should give an undertaking to open an office in Gujarat within 45 days from the date of award of work order.	<p>Copies of any two of the followings: Property Tax / Electricity / Telephone Bill / VAT/ CST Registration /Lease agreement. Or Undertaking to open Office in Gujarat</p>

**Note:**

- (i) Consortium is not allowed for bidding in this bid.
- (ii) The Bidder must attach valid documents in support to their Technical and Financial capabilities/strength, as mentioned above. Without proper supporting documents, the Bid proposals are liable to be rejected.
- (iii) All the proposed equipment should not be declared End-of-Support by the OEMs for next 7 years and should not be end of production for next one year from the date of bid submission.
- (iv) The MAF is required for all the line items except for Work station, LAN & Electrical Cable and its accessories, being supplied under this project.



## **Section - 2: Scope of Work**

The Bidder under the scope of work in this RFP is envisaged to design the solution including but not limited to Supply, Installation and Commissioning of Equipment's/hardware, software required for the successful Implementation and operations of Video Surveillance System at various Jails spread across the state (herein after referred to as the "SITE"), on behalf of the Office of the Inspector General (Prison), Ahmedabad, Government of Gujarat (herein after referred to as the "TENDERER") as per the functional and technical specifications, scope of work mentioned in this Bid document. The bidder shall be responsible for implementation of the work as defined in the bid document.

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

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, furniture, AC's, Monitoring Work stations, PC's availability of the system, indoor/outdoor IP cameras, NVR, video storage and any other devices/accessories like mounting bracket, pole etc. required for the successful running of envisage solution.

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.

The location of the various jails is as mentioned in Annexure I.

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

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

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

1. The Scope of complete work would broadly include Design, Engineering, Supply, Testing, Installation, Commissioning, Site Acceptance Test, Training, Documentation, Warranty and Maintenance during the contract period.
2. Supply, Installations, Testing & Commissioning, Operations & maintenance of High-performance IP based video surveillance system with complete recording and storage solution.
3. The scope is to Supply, Installation, Testing and Commissioning of the entire system end-to-end. The Successful Bidder will be responsible to make the system entirely operational for its intended use, by addition of components specific to its make/model even if not specifically mentioned in the BoQ. Also, latest versions of software and applications shall be provided by the Successful Bidder, as applicable at the time of execution and commissioning.
4. This shall include suitable brackets for mounting the cameras, weather-proof enclosures, fixtures, cables, connectors & any other devices/ peripherals required for the proper functioning of installed cameras.
5. The Successful Bidder has to furnish working drawings, solution design document and as-built drawings, which shall be an essential component of commissioning.
6. The storage should be designed, supply, implement and configured in such a way that it is capable to store & retrieve feeds of all the CCTV cameras in respective site/Location for last 30 days along with the earmarked/flagged feeds by the TENDERER without any additional cost to the TENDERER.

7. All the licenses procured, deployed by the bidder for this RFP should be in the name of TENDERER and valid perpetual for life.
8. The system shall support storage of H.264, H.265, 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.
9. **Network Video Recorder (NVR)/ Video Recording System**
  - a) Proposed NVR/Video recording system should have the following features:
    - i. Video recording from multiple Camera Sources
    - ii. Live Monitoring Functionality
    - iii. Video viewing and playback in desired matrix formats and playback controls
    - iv. Web Browser Viewing on Portable Devices
    - v. PTZ Control through multiple Pre-sets
    - vi. Import & Export of Video and databases in various file formats
  - b) The proposed NVR/ Video recording System shall provide a complete end-to-end solution for security surveillance application. The central control center shall allow an operator to view live / recorded video from any camera on the IP Network.
  - c) The recording system should support viewing of multiple cameras in one screen or viewing of one camera feed on one screen based on user selection. On a video wall, it would be possible to show up to 300 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 video wall.
  - d) The above-mentioned requirements are only functional and the detailed module wise specification is given under technical Specification.
  - e) Proposed solution should be ONVIF compliant and it should support any ONVIF compliant IP CCTV camera to be procured in future by TENDERER from open market and successful bidder will be responsible for the O&M of any such equipments.
  - f) NVR/ Video recording system should be designed to cater the need of future expansion i.e. 20% of total camera at respective site/location with required licenses, if any.
10. **Camera installation in Jails:**
  - a) During the installation, the camera lens position has to be adjusted to get the desired view in the specific location.
  - b) The cameras should be configured with a suitable IP address as per the IP addressing scheme in the Jail.
  - c) The camera should be configured in such a way that images and video feeds can be identified distinctively/easily.
  - d) The cameras should be configured for automatic day / night display, so that without manual intervention, camera switches to night mode when the light condition is less.
11. **Control Center at Jails:**
  - a) This shall include the supply, installation, testing, commissioning and O&M of active and passive components like Workstation, Monitors, network switches, keyboard, video recording software with adequate user licenses, along with cabinets, enclosures, fixtures, cables, connectors and any other devices, peripherals required for the proper functioning of various components. Bidder is also responsible for necessary electrification of all the devices including all accessories in the control center. The Control center will be located in a separate room within the same campus or as decided by respective jails/office of the TENDERER.
  - b) The proposed solution shall be configured to view all the cameras in the site in a single screen.
  - c) Actual power/electricity required will be provided by TENDERER. However, extension till the last mile/actual utility will be in the scope of successful bidder. Further the Recurring Electricity charges under the project shall be paid by the TENDERER.
  - d) The images, video feeds displayed on the monitoring displays, video wall should display the camera ID for identification.

- e) The Control Room shall have Video wall, Monitoring workstations, networking devices as per the requirement and scope of work for monitoring the same. Further each SITE will also have a video wall in a segment as defined in Annexure-I to this RFP.
  - f) The successful bidder will be responsible for the integration of the Cameras with the proposed solution for recording of video feeds. The solution should be configured in such a way, so that the video feeds would be kept for 30 days. After 30 days, the video feeds would be overwritten unless it is flagged or marked by the Police/appropriate authority for investigation or any other purpose.
  - g) Bidder has to install AC in the control room. AC should be installed in such a way that; all the equipment's will get proper cooling in the control room.
  - h) The bidder will also have to provide the Operator console (table and chair) in the control room.
12. In future if, the TENDERER, wants to monitor camera remotely then the proposed solution shall be capable for the same.
  13. Bidder is required to provide software(s) along with the required licenses for viewing of all the cameras. Proposed solution along with its licenses will be deployed and installed based on the actual requirement of each SITE.
  14. Tenderer should be able to connect, view and monitor any Camera installed in the campus/Site from its local workstation.
  15. Further, there will be an additional viewing location of all the video feeds at the respective SITE.
  16. All the hardware and software features mentioned in the tender specifications should be available at the time of submission of tender.
  17. The successful bidder has to carry out proper electrical earthing (as per IS-3043) at all the jails where cameras are to be installed. The cost for the earthing will be borne by the bidder.
  18. The bidder is responsible for protecting all the devices or equipment from input power i.e. overload, over voltage or current, spikes, surge etc.
  19. Tenderer will provide electric point at single location in each jail, thereafter, bidder is responsible for required electricity work for successful functioning of proposed surveillance system within the campus of respective site/location.
  20. Bidder has to install single surge protection device/equipment as per the technical specification given in this RFP and distribute the raw power to all the devices of surveillance system.
  21. **System Training:** This shall include providing 4-week hands on training related to system operation of the installed peripherals/equipment's to the designated/authorized representative of respective site after the successful commissioning of the project. Appropriate training material should be provided by the bidder during the training. All the cost associated with such training has to be borne by the bidder.
  22. The bidder has to provide on-site warranty for all equipment's as mentioned in RFP.
  23. This deployed resource should be present during the normal office hours of respective site. However, if required he shall remain present beyond office hours as per the requirement of the Office.
  24. Deputed resource should be having adequate knowledge regarding troubleshooting of computer C.P.U., IP CCTV camera NVR and other IT peripherals.
  25. Appropriate call register and ticket handling status system should be in place to log and track troubleshooting activity.
  26. **Structured Cabling work (OFC-6 Core Single mode, CAT 6):**
    - i. Bidder is responsible for laying of required LAN, OFC cables (6 Core Single mode) along with its required accessories like PVC Conduit, HDPE Pipe, GI Pipe, LIU, Pig tail, laying, reinstating the site in its original condition, casing, capping, tagging etc.) for the surveillance infrastructures asked in the RFP. Bidder has to follow industry best practices of structured cabling like proper laying, tagging, capping, casing, clamping etc.
    - ii. Bidder is responsible for laying of required LAN, OFC cables (6 Core Single mode) along with its required accessories like PVC Conduit, HDPE Pipe, GI Pipe, LIU, Pig tail, laying, reinstating the site in its original condition, casing, capping, tagging etc.) for viewing of live video feed of Ahmedabad

central jail at Jail bhavan, Ahmedabad also (approx. distance 1000 meter). However, bidder is requested to assess the exact distance between the locations before bid submission.

**iii. Best practices of OFC/CAT 6 cable Laying:**

⇒ Based on the requirement of the RFP bidder will have to lay the Fiber, CAT6 cable, the same has to be underground only. The Below mentioned best practices to be followed for Underground Cable Laying:

- The Under-Ground Cables should be buried to a depth such that the top of the cable is One meter below the normal ground level.
- Excavations of trench up to a depth such that the top of the cable is 0.5 meter below the normal ground.
- Laying and pulling of cables in trenches are through GI pipes/ ducts.
- Placing of Half round RCC Pipes / Stones slabs /Pre-cast RCC Slabs /Layer of Bricks
- All PVC, HDPE, GI pipes should be ISO certified.
- All the cables should be weather proof, outdoor grade and compliant as per the industry standards
- OFC should be of TEC/ANSI/TIA/EIA Standard Compliant make only. The bidder is required to submit necessary supporting document in this regard along with the Technical Bid Document.
- Proper Route marker/indicators for OFC cable should be placed for every 100 meters.
- Digging and burying of OFC cable 1Km. Length and the OFC cables are to be laid in buried HDPE pipes.
- Back filling in compacting of the excavated trenches according to the construction's specifications and removal of excess earth from the site. Restoration of site in original condition upon completion of work.

iv. The bidder will have to submit a detailed technical solution document including layout diagram and proposed network architecture at the time of bid submission indicating the location of equipment to be installed to respective Jails / Office of the TENDERER for approval before implementation. The bidder has to use the existing infrastructure of LAN, if available at each location. The bidder has to take approval of respective jails / Office of the TENDERER for Schematics Diagram (Layout) within 15 days from the date of Work Order for Cabling & laying work. Jailor/superintendent of the concern jail will decide the location of installation within maximum 15 days from the date of Work Order.

v. The Bidder for better understanding may visit the site(s) with prior written permission from the TENDERER before submission of their bid. The bidder will have to do its own assessment/measurements for finalization of scope of work / supply before submission of their bid.

vi. Installation, termination and identification of wiring between station outlets and equipment room shall be considered part of the bidder work.

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

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

ix. The Bidder shall follow and adhere to the required References & Standards during the installation and commissioning:

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

x. The Passive Components of structured cabling distribution network will be free from manufacturing defects in material and workmanship under normal and proper use.

27. Installation of Active Components: The bidder shall be responsible for:

- i. Supply, Installations, Testing & Commissioning of all the active components required for successfully running and maintenance of the entire system as per scope of work, functional and Technical specification of this RFP document.
- ii. Required active components will be installed at the locations identified for the surveillance.
- iii. The cameras have to be connected to the switches.
- iv. Bidder has to install UPS along with necessary electrification, power protection and connecting it with all devices asked under this RFP.

**28. Operations and Maintenance:**

**a) Manpower Requirement:**

- i. The bidder has to ensure that appropriate qualified manpower with requisite skill sets is deputed at the respective locations defined in the above table. The bidder shall depute the resources as per the requirements for carrying out the O&M Activity and maintaining the SLA during contract period.
- ii. The minimum requirement of manpower, their qualification and responsibility of each resource is given below:

S/N	Designation	Locations	Educational Qualification	Roles and Responsibilities
1	IT/Network Administrator or	One at Each site /Jail	<ul style="list-style-type: none"> <li>• BE /Diploma</li> <li>• 2+ Years of post-Qualification experience in ICT, IP CCTV surveillance, LAN/WAN, IT infrastructure projects.</li> </ul>	<ul style="list-style-type: none"> <li>• Responsible for overall Operations and management of the existing as well as new IT Infrastructure, hardware, peripherals of respective site including LAN/WAN, IP CCTV Surveillance system, MIS Reporting, SLA Management etc.</li> <li>• Managing day-to-day activity and project operations to meet SLA</li> </ul>

- iii. This is minimum indicative list of resource and based on actual requirements, the bidder may deploy any number of resources to meet the SLA. The TENDERER shall not pay any cost for additional resources required to operate, maintain, monitor & manage the SLA. In case support staff is not available or is on leave, the bidder is required to provide the alternative personnel with same or higher technical capabilities of the non-available personnel.
- iv. The bidder shall be responsible for the deployment, transportation, accommodation, IT infrastructure and other requirements of all its employees required for the execution of the work and for all costs/charges in connection thereof. Tenderer will provide the required sitting space with table, chair, electricity for day to day activity.
- v. The bidder shall provide and deploy “dedicated on site manpower” for carrying out the work, only those manpower resources who are skilled and experienced in their respective trades and who are competent to execute or manage/supervise the work in a proper and timely manner as per the RFP.
- vi. The bidder shall maintain backup personnel and shall promptly provide replacement of every person removed pursuant to this section with an equally competent substitute from the pool of backup personnel.
- vii. In case of change in its team composition owing to attrition the Successful Bidder shall ensure at least a week of time-overlap in activities to ensure proper knowledge transfer and handover/takeover of documents and other relevant materials between the outgoing and the new member.

**b) Maintenance, Service and Support :-**

The bidder shall further be responsible for providing required maintenance, service and necessary onsite support/OEM support for the entire contract duration from the date of successful completion of FAT. The bidder shall do and perform the monthly and regularly preventive maintenance as part of the maintenance activity. It shall be the bidder’s responsibility to replace any defective parts/ equipment’s without any additional cost to the TENDERER. The defective part so replaced shall be the property of the bidder. The bidder shall keep enough spares at the SITE location/its own location during warranty and maintenance



period to meet SLA parameters and the cost for the spare-parts are to be borne by the bidder. The bidder is expected to transfer the knowledge to the TENDERER or its nominated Technical Team.

- c) **Preventive Maintenance:** The bidder shall also be responsible for performing/carrying out preventive maintenance activity at least once in a quarter which includes cleaning, dusting and upkeep of interior and exterior, realignment of the deployed equipment's, configuration backup and software up gradation/update of all hardware. The Bidder is required to submit preventive maintenance schedule for all equipment to TENDERER from time to time. After performing preventive maintenance activities, successful bidder is required to submit the detailed report of the same. All such activities should be done preferably during non-working hours or on non-working days/holidays. Shifting of any camera or related equipment within the site on need basis should be done by the bidder without any additional cost to the TENDERER during the contract tenure.

### **Section - 3: Instructions to Bidders**

#### **ARTICLE - 1: GENERAL INSTRUCTION TO BIDDERS**

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

#### **ARTICLE - 2: COST OF BIDDING**

**2.1** The Bidder shall bear all costs associated with the preparation and submission of the Bid and Gujarat Informatics Ltd (GIL) \ THE OFFICE will in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.

**2.2** Bidder is requested to pay **Rs. 17,700/-** as a bid processing fee (Non-refundable) & Earnest Money Deposit (E.M.D.) of **Rs. 50,00,000/-** (Refundable). In case of non-receipt of bid processing fees & EMD the bid will be rejected by GIL.

#### **ARTICLE - 3: BIDDING DOCUMENTS**

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

#### **ARTICLE - 4: CLARIFICATION ON BIDDING DOCUMENTS & PRE-BID MEETING:**

**4.1** Bidders can seek written clarifications up to **2 days before pre bid meeting** to DGM(Tech.), Gujarat Informatics Ltd., Block No. 2, 2<sup>nd</sup> Floor, Karmayogi Bhavan, Sector 10A, Gandhinagar – 382 010 and pre-bid meeting will be held as per the schedule. GIL / TENDERER will try to clarify & issue amendments if any to all the bidders in the pre-bid meeting. No further clarification what so ever will be entertained after the bid submission date.

#### **ARTICLE - 5: AMENDMENT OF BIDDING DOCUMENTS**

**5.1** At any time prior to the deadline for submission of bids, The TENDERER / GIL, for any reason, whether at its own initiative or in response to the clarifications requested by prospective bidders may modify the bidding documents by amendment.

**5.2** All prospective bidders are requested to browse our website & any amendments / corrigendum / modification will be notified on our website and such modification will be binding on them. Bidders are also requested to browse the website of GIL/GoG i.e. [www.gujaratinformtics.com](http://www.gujaratinformtics.com) & [www.gil.nprocure.com](http://www.gil.nprocure.com) for further amendments if any.

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

**ARTICLE - 6: LANGUAGE OF BID**

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

**ARTICLE - 7: SECTIONS COMPRISING THE BIDS**

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

7.2 The bid submitted shall have the following documents:

a) EMD & Bid Processing Fees Section:

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

b) Eligibility & Technical Section:

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

c) Price Bid Section in the prescribed format only.

**ARTICLE - 8: BID FORMS**

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

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

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

**ARTICLE - 9: FRAUDULENT & CORRUPT PRACTICE**

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

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

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

**ARTICLE - 10: LACK OF INFORMATION TO BIDDER**

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



**ARTICLE - 11: CONTRACT OBLIGATIONS**

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

**ARTICLE - 12: BID PRICE**

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

**ARTICLE - 13: BID CURRENCY**

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

**ARTICLE - 14: EARNEST MONEY DEPOSIT (EMD)**

- 14.1 The Bidder shall furnish, as part of the Bid, EMD of **Rs. 50,00,000/-** shall be submitted in the form of Demand Draft OR in the form of an unconditional Bank Guarantee (which should be valid up to validity of bid + 90 days) of any Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks and Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time; in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at Annexure A) in a separate envelope. The un-priced bid (Technical-bid) will be opened subject to the confirmation of valid EMD and bid processing fees.
- 14.2 Unsuccessful bidder's E.M.D. will be returned as promptly as possible within 30 days after the expiration of the period of bid validity OR upon the successful Bidder signing the Contract, and furnishing the Performance Bank Guarantee @ 10% of the total order value as prescribed by GIL, whichever is earlier.
- 14.3 The successful Bidder's EMD will be discharged upon the Bidder signing the Contract/Agreement, and furnishing the Performance Bank Guarantee.
- 14.4 EMD amount is interest free and will be refundable to the unsuccessful bidders without any accrued interest on it.
- 14.5 The EMD may be forfeited, on account of one or more of the following reasons:
  - a) The Bidder withdraws their Bid during the period of Bid validity.
  - b) Bidder does not respond to requests for clarification of their Bid.
  - c) Bidder fails to co-operate in the Bid evaluation process.
  - d) The bidder is found to be involved in fraudulent and corrupt practices, and
  - e) In case of a successful Bidder, the said Bidder fails:
    - (I) To sign the Agreement in time, (ii) To furnish Performance Bank Guarantee

**ARTICLE - 15: PERIOD OF VALIDITY OF BIDS**

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

**ARTICLE - 16: DURATION OF THE CONTRACT**

The duration of the Contract will be of **5 years**. The duration spent for installation of Hardware and Software will not be a part of contract period. Hence the actual contract period starts after the successful installation, commissioning and FAT of hardware and software as per the requirement of the RFP.

**ARTICLE - 17: BID DUE DATE**

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

**ARTICLE - 18: LATE BID**

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

**ARTICLE - 19: MODIFICATION AND WITHDRAWAL OF BID**

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

**ARTICLE - 20: OPENING OF BIDS BY GIL**

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

**ARTICLE - 21: CONTACTING GIL / THE OFFICE**

- 21.1 Bidder shall not approach GIL / THE OFFICE officers outside of office hours and / or outside GIL / THE OFFICE premises, from the time of the Bid opening to the time the Contract is awarded.
- 21.2 Any effort by a bidder to influence GIL / THE OFFICE officers in the decisions on Bid evaluation, bid comparison or contract award may result in rejection of the Bidder's offer. If the Bidder wishes to bring additional information to the notice of the GOG, it should do so in writing.

**ARTICLE - 22: REJECTION OF BIDS**

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

**ARTICLE - 23: PRELIMINARY EXAMINATION OF BID**

- 23.1 Un-priced Bid documentation shall be evaluated in two steps.
- 23.2 Firstly, the documentation furnished by the Bidder will be examined based on the following criteria:
  - (i) Compliance to bid document.

- (ii) Evaluation of Eligibility Criteria (As per the eligibility criteria defined in this bid document) & compliance to the Technical Specifications of the Product / Solution Offered. (The bidder shall provide details required/asked along with the bid)
- 23.3 In the second step, the TENDERER/GIL may ask the Bidder(s) for additional information, demonstration of the equipment's if required, field testing of the equipment's. If required, further clarifications may be sought from the concern, to verify the claims made in Un-priced Bid documentation.
- 23.4 **Priced Bid:** Priced Bids of only those bidder(s) will be opened whose bid(s) are technically qualified and fulfill the Eligibility Criteria. The TENDERER/GIL may at its discretion discuss with qualified Bidder(s) at this stage to clarify contents of Price Bid.
- 23.5 **Choice of Firm:** Final Choice of Firm to execute this project shall be made on the basis of conformity to eligibility & technical bid. The financial bid of the technically qualified bidders will be opened and financially L1 bidder will be decided from the sum total of prices for all line items without tax and then called for further negotiations if required.

#### **ARTICLE - 24: AWARD OF CONTRACT**

- 24.1 Award Criteria: The Criteria for selection will be the lowest effective cost to THE OFFICE for the technically qualified bids for total cost. (Excluding any taxes).
- 24.2 THE OFFICE's right to vary requirements at time of award: GIL/ THE OFFICE reserves the right at the time of award to increase or decrease quantity for the requirements originally specified in the document without any change in Bid rate or other terms and conditions.
- 24.3 In case, if lowest bidder does not accept the award of contract or found to be involved in corrupt and/or fraudulent practices, the next lowest bidder will be awarded the contract. In such scenario, the lowest bidder has to born the difference between lowest prices and next lowest prices.
- 24.4 The tendered quantities are estimated based on the survey carried out as well as receipt of the requirement from the TENDERER. The quantities may vary at the time of finalization, depending upon the change in the requirements/grants available with the purchaser(s), which shall be binding to the bidder.

#### **ARTICLE - 25: NOTIFICATION OF AWARD & SIGNING OF CONTRACT**

- 25.1 Prior to expiration of the period of Bid validity, the TENDERER will notify the successful Bidder and issue Lol/Work Order.
- 25.2 The Successful bidder has to submit Performance Bank Guarantee @ 10% of total order value within 15 days from the date of issue of Lol/ Work Order as per article 33 of this bid from any Nationalized Bank including the public sector bank or Private Sector Banks authorized by RBI or Commercial Bank or Regional Rural Banks of Gujarat or Co-Operative Bank of Gujarat (operating in India having branch at Ahmedabad / Gandhinagar) as per the G.R. no. EMD/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time. (The draft of Performance Bank Guarantee is attached herewith)
- 25.3 Successful Bidder will have to sign the contract upon receiving the Work Order with the purchaser(s) within 15 working days from the date of Work Order. (The draft is attached herewith).

#### **ARTICLE - 26: FORCE MAJEURE**

- 26.1 Force Majeure shall mean any event or circumstances or combination of events or circumstances that materially and adversely affects, prevents or delays any Party in performance of its obligation in accordance with the terms of the Agreement, but only if and to the extent that such events and circumstances are not within the affected party's reasonable control, directly or indirectly, and effects of which could have prevented through Good Industry Practice or, in the case 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 bidder. The Parties shall ensure compliance of the terms of the Agreement unless affected by the Force Majeure Events. The bidder shall not be liable for forfeiture of its implementation / Performance guarantee, levy of Penalties, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Agreement is the result of Force Majeure.

#### 26.2 Force Majeure Events

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

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

#### 26.3 Natural events ("Natural Events") to the extent they satisfy the foregoing requirements including:

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

#### 26.4 Other Events ("Political Events") to the extent that they satisfy the foregoing requirements including:

Political Events which occur inside or Outside the State of Gujarat or involve directly the State Government and the Central Government ("Direct Political Event"), including:

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

#### 26.5 FORCE MAJEURE EXCLUSIONS

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

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

#### 26.6 PROCEDURE FOR CALLING FORCE MAJEURE

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

#### ARTICLE – 27: CONTRACT OBLIGATIONS

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

**ARTICLE – 28: AMENDMENT TO THE AGREEMENT**

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

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

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

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

All project related documents issued by the TENDERER other than the Agreement itself shall remain the property of the TENDERER and Originals and all copies shall be returned to the TENDERER on completion of the successful bidder performance under the Agreement, if so required by the TENDERER.

**29.1: LIMITATION OF LIABILITY**

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

**29.2: RESOLUTION OF DISPUTES**

1. If any dispute arises between the Parties hereto during the subsistence or thereafter, in connection with the validity, interpretation, implementation or alleged material breach of any provision of the Agreement or regarding a question, including the questions as to whether the termination of the Contract Agreement by one Party hereto has been legitimate, both Parties hereto shall endeavor to settle such dispute amicably.
2. The attempt to bring about an amicable settlement is considered to have failed as soon as one of the Parties hereto, after reasonable attempts [which attempt shall continue for not less than 30 (thirty) days], give 15 days' notice thereof to the other Party in writing.
3. In the case of such failure the dispute shall be referred to three arbitrators, two of whom will be appointed by each Party and the third appointed by the two arbitrators. The place of the arbitration shall be Ahmedabad, Gujarat.
4. The Arbitration proceeding shall be governed by the Arbitration and Conciliation Act of 1996 as amended. The proceedings of arbitration shall be in English language. The arbitrator's award shall be substantiated in writing. The arbitration tribunal shall also decide on the costs of the arbitration procedure.
5. The Parties hereto shall submit to the arbitrator's award and the award shall be enforceable in any competent court of law.

**ARTICLE – 30: TAXES & DUTIES**

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

**ARTICLE – 31: BOOKS & RECORDS**

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

**ARTICLE – 32: WARRANTY TERMS**

The successful bidder shall give on-site warranty and support for all equipment’s mentioned in RFP for 5 year. In the event that the materials supplied under the contract do not meet the specifications and/or are not in accordance with the drawings data in terms of this order, and rectification is required at site, The TENDERER shall notify the successful bidder giving details of difference. The successful bidder shall attend the site within seven (7) days of receipt of such notice to meet and agree with representatives of the TENDERER, the action required to correct the deficiency. Should the successful bidder fail the attend the site within the time specified above, The TENDERER shall be at liberty to rectify the work/materials and the successful bidder shall reimburse the TENDERER all costs and expenses incurred in connection with such trouble or defect.

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

**ARTICLE – 33: PERFORMANCE GUARANTEE**

- 33.1 The successful bidder shall furnish Performance Guarantee equals to 10% of the contract value valid for the duration of 180 days beyond the expiry of the contract.
- 33.2 The performance guarantee will be in the form of bank guarantee for the amount equal to 10 % of the contract value towards faithful performance of the contract obligation, and performance of the equipment’s during Warrantee period. In case of material breach of the contract terms and conditions, the TENDERER shall invoke the PBG.
- 33.3 The Performance Guarantee shall be denominated in Indian Rupees and shall be in the form of an unconditional Bank Guarantee issued by any Nationalized Bank including the public sector bank or Private Sector Banks authorized by RBI or Commercial Bank or Regional Rural Banks of Gujarat or Co-Operative Bank of Gujarat (operating in India having branch at Ahmedabad / Gandhinagar) as per the G.R. no. EMD/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time in the format provided by the TENDERER to be submitted within 15 working days from the date of receipt of award.
- 33.4 The Performance Guarantee shall be discharged by the TENDERER and returned to the bidder within 30 days from the date of expiry of the Performance Bank Guarantee.

**ARTICLE- 34 DELIVERIES AND INSTALLATION / IMPLEMENTATION:**

- 34.1 The work as defined under the Scope of work has to be completed in accordance to the Project Implementation timeline as specified under Article 38. The bidder has to take the necessary approval of the TENDERER or its user departments for Schematics Diagram (Layout) within 15 working days for cabling & laying work of Video Surveillance System.
- 34.2 If in any case the quoted Item is not available in the market at the time of delivery, the bidder will have to supply Higher Version/replacement of that Item in the quoted cost in the same time duration with prior approval of GIL. No “End of Life” product should be quoted to minimize such instances.

**ARTICLE –35: PAYMENTS TERMS**

S/N	Activity	Payment (%)
1	Capex Cost as per Schedule-I of financial bid	



S/N	Activity	Payment (%)
	Successful Delivery and Inspection of Hardware/Equipment at the central location/ Bidder's Warehouse at Gandhinagar /Ahmedabad	60% of the Sum total of schedule I of financial bid
	Successful Installation and commissioning	20% of the Sum total of schedule I of financial bid
	Successful Completion of 3 months from the date of successful FAT	10% of the Sum total of schedule I of financial bid
	Balance 10% Payment	In 20 equated quarterly installments along with the O&M Charges
	<b>Opex Cost as per Schedule II of financial bid</b>	
2	Operational & Maintenance support during the contract period of 5 years	20 equal Quarterly Installments after the end of each quarter.

**35.1 Payment Procedure:**

- 1) The successful bidder shall raise the component wise invoice against the milestones achieved (as per the payment schedule) and submit the invoice to the TENDERER.
- 2) The successful bidder shall submit 2 original copies of invoices along with the necessary supporting documents confirming milestone achieved and other documents as required by the TENDERER for processing of invoices. Invoice should be raised in English language only.
- 3) The TENDERER shall verify the Invoices raised against the milestone achieved and shall make the payment.
- 4) O&M Component: -
  - The payments to the successful bidder will be made quarterly at the end of each quarter on acceptance of the invoice by the TENDERER or its designated agency.
  - The invoice would be processed for release of payment within 45 days after due verification of the invoice and other supporting documents by the TENDERER or its designated agency.
- 5) Payment shall be made in Indian Rupees. While making payment, necessary TDS/ income tax deductions will be made.

**ARTICLE – 36: SERVICE TERMS**

- 36.1 The entire scope of the work depends on the technical skill and experience in management of the same level or kind of infrastructure.
- 36.2 It is mandatory for successful bidder to deploy qualified professional to install, commission & maintain the equipment's, as defined under scope of work.
- 36.3 The successful bidder has to submit regular schedule of man power availability & get it approved by the TENDERER.
- 36.4 The successful bidder is free to deploy or to develop applications to facilitate the operation. The TENDERER will welcome the deployment such application in respect to improve Quality of Services.
- 36.5 For extending better services to the user, the successful bidder will be allowed to deploy & use own tested and proven solution, with prior permission from the TENDERER.
- 36.6 The successful bidder needs to manage & maintain various records related to the services extended to the user.
- 36.7 The network is being operated & maintained by various agencies. In such circumstances the successful bidder may need to coordinate and approach various agencies, if required.



36.8 The successful bidder is responsible to maintain documentation on the progress of the work and will have to update the same on regular basis. The successful bidder will have to submit the progress reports regularly, to the TENDERER.

36.9 The understanding of the comprehensive maintenance under warranty period is as follows.

- a) In case of failure of equipment (s), the successful bidder needs to repair or replace the faulty part/component/device to restore the services at the earliest.
- b) The cost of the repairing or replacement of faulty part/component/device has to be entirely born by the successful bidder.
- c) All expenses related to part/component/device, including hiring of specialized technical expertise, in case required, has to be borne by the bidder as part of comprehensive maintenance.
- d) The successful bidder also needs to make alternate arrangement in case of major failure happens in the network, due to which services may be affecting for longer period.
- e) After repairing or replacement of the part/component/device, the successful bidder needs to put the same into operation.

**ARTICLE – 37: SERVICE LEVEL AGREEMENT (SLA) AND PENALTY CLAUSE**

S/N	SLA Terms	Description
1	Network Backbone	‘Network Backbone’ refers to Internet Protocol (IP) based routing infrastructure at which, successful bidder has installed network devices for this project.
3	Latency	‘Latency’ refers to the average time required for round-trip packet transfers between Selected Junctions/locations and the respective control center on the selected portions of the network Backbone.
4	Packet Loss	‘Packet Loss’ refers to the average percentage of IP packets transmitted between Selected Junctions/locations and the respective control center that are not successfully delivered.
5	Planned Network Outage	‘Planned Network Outage’ refers to unavailability of network services due to infrastructure maintenance activities such as configuration changes, up gradation or changes to any supporting infrastructure. Details related to such planned outage shall be approved by the TENDERER or authorized authority and shall be notified to all the concerned stakeholder in advance (at least five working days). It is desirable that such outage shall be taken on Sundays or other Government holidays to the extent possible.
6	Unplanned Network Outage	‘Unplanned Network Outage’ refers to an instance in which no traffic can pass in or out through which devices are connects to the network Backbone
7	Time Line for Retrieval of video feeds from the Storage	b.) Retrieval of Event Related (Flagged/marked by the Tenderer or its user department) video feeds from the Local storage: Maximum Retrieval time 3 second c.) Retrieval of Non- Event (Anything which is not flagged/marked) related video feeds from Local Storage: Maximum retrieval time 5 minutes d.) Retrieval of Event related video feeds stored in removable/External disk/drives: Maximum retrieval time 30 Minutes
8	Not keeping manpower	If successful bidder does not deploy the required specified quantity & quality of manpower as per RFP or a person deployed is not reporting to the duty, there would be a penalty per person per day as defined in below table and will be deducted from the quarterly payment

S/N	SLA Terms	Description																
10	Incidence Resolution (Network)	The network outage, security or performance related issues impacting the network availability/performance and leading to unavailability of the services. Resolution of incidence as per below priority Levels: <ul style="list-style-type: none"> <li>• L1 Level Severity: impacting one or more sites.</li> <li>• L2 Level Severity: Impacting 10 or more end devices/utilities</li> <li>• L3 Level Severity: Impacting one or more end devices/utilities</li> </ul>																
		<table border="1"> <thead> <tr> <th>#</th> <th>Severity</th> <th>Initial Response Time</th> <th>Issue Resolution Time</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">Level 1</td> <td align="center">15 Mins</td> <td align="center">1 Hour</td> </tr> <tr> <td align="center">2</td> <td align="center">Level 2</td> <td align="center">30 Mins</td> <td align="center">2 Hours</td> </tr> <tr> <td align="center">3</td> <td align="center">Level 3</td> <td align="center">240 Mins</td> <td align="center">12 Hours</td> </tr> </tbody> </table>	#	Severity	Initial Response Time	Issue Resolution Time	1	Level 1	15 Mins	1 Hour	2	Level 2	30 Mins	2 Hours	3	Level 3	240 Mins	12 Hours
		#	Severity	Initial Response Time	Issue Resolution Time													
		1	Level 1	15 Mins	1 Hour													
2	Level 2	30 Mins	2 Hours															
3	Level 3	240 Mins	12 Hours															

**a) PENALTY FOR DELAY:**

S/n	Activity	Timeline	Penalty
1	Delay in Delivery/ Supply of Hardware	As per Article 38 of this RFP Document	<ul style="list-style-type: none"> <li>• 0.5% of Contract value of delayed item per week or part thereof for delay in delivery</li> <li>• Delay beyond 60 days the TENDERER may terminate the contract and Forfeit the PBG.</li> </ul>
2	Delay in Installation / Implementation		<ul style="list-style-type: none"> <li>• 0.75% of Contract value of delayed item per week or part thereof for delay in Implementation (Delay Beyond 8 weeks, TENDERER may terminate the contract and Forfeit the PBG)</li> <li>• Delay beyond 90 days the TENDERER may terminate the contract and Forfeit the PBG.</li> </ul>

**Note: Maximum Penalty cap for penalty for delay is 10% of contract value for the ordered item.**

If TENDERER fails to provide space and related clearances to carry out the job as per the agreement terms, as a result of which the installation of the equipment is delayed and the selected agency is not able to adhere to the schedule for completing the Acceptance Tests. Delay solely on account on above will not be accounted while ascertaining actual delay and penalties thereof.

**b) OPERATIONAL PENALTIES:** Successful Bidder shall be paid Quarterly Payment (QP) for the technical resource provided by the successful bidder. The overall operational penalty would be generally capped at 10% of QP amount and will be recovered against the quarterly payment invoice and Performance bank guarantee (if required) submitted by the successful bidder. Availability will be calculated on a quarterly basis.

S/N	SLA	Target	Penalties
1.	Time Line for Retrieval of video feeds from the Storage	As per SLA	<ul style="list-style-type: none"> <li>• Rs. 500 for every instance of late retrieval as per the SLA</li> <li>• Note: Data Retrieval Request Through a Request Log Mechanism</li> </ul>
2.	<b>*Uptime</b> of all IT components installed at site	99.50% (at each individual component level)	For each component <ul style="list-style-type: none"> <li>• 99.50 - 99.00%- 0.25% of QP;</li> <li>• 98.99 - 98.00% -0.5% of QP</li> <li>• 97.99 - 97.00%-1.0% of QP</li> <li>• 96.99 - 96.00%-1.5% of QP</li> <li>• Less than 96.00%- 2% of the QP</li> <li>• If the uptime goes below 95% consequently for two quarters, then in that case tenderer may terminate the contract and forfeit the PBG.</li> </ul>

\* up time mentioned here is required to achieve for each site/jail's IT components.

- c) **COMPLAINT RESOLUTION:** The bidder shall be responsible for maintaining the desired performance and availability of the Network devices supplied under the scope of work of this RFP. The bidder should ensure the prompt service support during Contract period. If complain is made before 4 pm of the working day, the same should be attended on the same day.

Site/Location	Penalty for delay in resolution of complaints beyond 24 hours
All Sites	Rs. 500/- per complaint per day or part thereof

**Resolution Time:** - Defined as time taken to resolve a problem. The resolution time will be considered with respect to clock hours.

If the successful bidder fails to attend the uptime and complaint resolution as specified above, the operational penalty will be imposed as specified above which will be recovered from quarterly payment or from PBG.

**Exceptions:**

Downtime planned for prescheduled changes / Maintenance activities and the same shall be intimated in advance to the Tenderer for prior approval and downtime in such cases shall not be more than 12 hours in quarter. Force Majeure conditions as mentioned in the RFP.

**Note:**

In case, there is delay attributable to granting access to the equipment to be restored on the part of TENDERER or on part of end user, such delays shall be reduced from the time taken for call completion after due consideration by the TENDERER/GIL.

- d) **PENALTY FOR NON-AVAILABILITY OF TECHNICAL RESOURCE:** If bidder does not deploy the required specified quantity and quality of manpower in the RFP or a person deployed is not reporting to the duty, there would be a penalty per person per day as defined below and will be deducted from the quarterly payment.

Manpower penalties during the contract		
S/N	Penalty Clause	Penalty
1	Successful bidder has to ensure the deployment of minimum number of personnel required as specified in the scope. The successful bidder shall ensure that alternate arrangements are made and leave for a staff is pre-sanctioned by TENDERER If not, the penalties described in the following column shall apply:	Rs. 500/- per person per day of unsanctioned leave or non-reporting or non-deployment.

- e) **PENALTY FOR DELAY IN REPAIR/REPLACEMENT OF FAULTY MATERIAL:** The Successful Bidder shall be responsible for repair/ replace all faulty material within the shortest possible time thus ensuring minimum downtime.

- The Successful Bidder shall be responsible for maintaining the desired performance and availability of the system/services. Successful Bidder should ensure the prompt service support for the entire project duration. If any complain is made or auto alarm/instances is generated by the system for non-availability of the items., then it has to resolved within 24 hours from the time of complaint raised/auto alarm.
- If Successful Bidder fails to resolve the issue as specified above, the following penalty will be imposed on each delayed day, which will be recovered against the quarterly payment invoice submitted by the successful bidder:

Site/Location	Penalty for each delay is resolution of issues within stipulated time
All Sites	Rs. 100/- per site for every 8 hours of delay or part thereof

**ARTICLE – 38 PROJECT IMPLEMENTATIONS**

**38.1 Project Implementation Timelines:**

S/N	Deliverables	Timeline
1	<b><u>Kick-off Meeting:</u></b> (Submission of Detailed implementation plan/roadmap, Signing of contract agreement and submission of performance Bank Guarantee)	Within 15 Days from date of issuance of Lol/work order
2	Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar/Ahmedabad)	T+ 60 days
3	Installation and Commissioning of hardware and software	T+ 120 days
4	Testing, FAT and Go-Live	T+ 150 days

**Note: T = Kick off meeting**

**Days = Calendar days**

- 38.2 The bidder has to take the necessary approval of the TENDERER or its authorized representative for Schematics Diagram (Layout) before starting the implementation of the project.
- 38.3 The successful bidder will implement the project strictly as per the plan approved by the TENDERER. The successful bidder shall carry out cabling work at such locations as may be decided by the TENDERER within a specified period as specified in Instruction letter/LOI/Order and complete their provisional Acceptance Test to the satisfaction of the TENDERER and its user Departments within 10 days from the date specified. This period may be extended depending upon the fulfillment of Conditions Precedent.
- 38.4 Acceptance of work will be undertaken by the TENDERER/User Departments. All Invoices, Vouchers, Bills for supplied goods and services by the successful bidder under the scope of the work will be verified measured and accepted by the TENDERER or its designated agency for release of payment.
- 38.5 As part of implementation the successful bidder shall provide details of equipment that will be incorporated in the proposed system, material and manpower as required. The location for storing spare parts and quantity there on should also be clearly indicated.
- 38.6 The successful bidder shall provide the necessary technical support, Standard Operating Procedure (SOP) and other information to the TENDERER and its user organizations in implementing the proposed system applications. The TENDERER at any time during the currency of the Agreement should have access to the proposed sites.
- 38.7 The successful bidder shall provide training to the TENDERER and its user Department's personnel at no additional cost to the TENDERER. The training schedule, content and modalities will be defined jointly by both the parties.
- 38.8 The successful bidder shall arrange to obtain all statutory permission with no cost to the TENDERER. The successful bidder may have to work during Holidays and Sundays, according to the urgency of work. The bidder will obtain such permission on his own in consultation with the TENDERER and its User Departments. It will be the responsibility of the successful bidder to co-ordinate with the TENDERER and its User Departments as necessary to execute the required job.
- 38.9 The successful bidder 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 successful bidder shall also be responsible for paying penalty, as imposed by the service owner to which the damage is incurred.
- 38.10 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 by the successful bidder.
- 38.11 The successful bidder shall treat all matters connected with the contract strictly confidential and shall undertake not to disclose, in any way, information, documents, technical data, experience and know how, without prior written permission from the TENDERER.

- 38.12 Any damage caused to the property of the TENDERER while executing the job shall be solely successful bidder's responsibility. In case any damage to the property is caused, the same will be recovered from the successful bidder. No any extra cost shall be paid to the successful bidder for such reasons.
- 38.13 The successful bidder shall have to furnish the documentation of the work undertaken in consultation with the TENDERER. 3 sets of such documentation should be provided before the issue of completion certificate.
- 38.14 It is a turnkey project. The successful bidder shall be fully responsible for implementing the Project in totality and should include the items and their prices, if not included in Schedule of Requirement to complete the project on turnkey basis. Any claim whatsoever in this regard will not be entertained later on.
- 38.15 In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from elsewhere as prescribed in bid and the successful bidder 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 bidder.
- 38.16 The TENDERER or its designated agency reserve the right to visit any working site of the bidder with prior intimation. The concern bidder has to make necessary arrangement for the same.
- 38.17 The successful bidder shall be responsible and take required insurance for all of their representations working on the site at their own cost. The TENDERER will not be responsible for any loss or damage to any of the representatives of the successful bidder during the said contract.
- 38.18 All work shall be performed and executed by the successful bidder in strict conformity with conditions laid down in the RFP and any relative instruction issued to the successful bidder by the TENDERER from time to time.
- 38.19 In the event of the delay in delivery of contracted goods and services or the services provided are not satisfactory, the TENDERER may procure the goods/services from elsewhere as prescribed in bid and the successful bidder 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 bidder.
- 38.20 The TENDERER shall associate few engineers / technicians during installation and commissioning work. The successful bidder shall ensure proper participation of the nominated personnel(s) from the TENDERER's office or its user department's and train them on the services provided. Also, the successful bidder shall organize the systematic training of selected personnel from the TENDERER's office on the operation / management of equipments.

**ARTICLE – 39: ACCEPTANCE TEST**

Acceptance Test will be conducted in as follows:

- 39.1 The TENDERER or its nominated agency reserves the right to inspect the equipment's and OFC/JFC, Cat-6 cables etc. The cost of all such tests shall be borne by the successful bidder. If Any inspected goods fail for confirm to specification after installation, the TENDERER may reject them and the successful bidder shall have to replace the rejected goods. In case of inspection waiver, the same shall be obtained before the dispatch of goods. Inspection of rest of material shall be done at site. Sample approval should be obtained before installation for such material.
- 39.2 The first step will involve successful installation of all sites. The provisional acceptance of these sites will be defined as Partial Acceptance.
- 39.3 The date on which Acceptance Certificate is issued shall be deemed to be the date of successful Commissioning of the System.
- 39.4 Any delay by the successful bidder in the Acceptance Testing shall render the bidder liable to the imposition of appropriate Penalties.

**ARTICLE – 40: INSTALLATION REQUIREMENTS**

- 40.1 The bidder needs to pull necessary cables up to required place, using approved PVC Piping/Channel/RF/CAT6 Cable.

40.2 The necessary Civil & Electrical work has to be carried out by the bidder if required at customer site like requirement of brackets, installation of camera on wall etc. THE OFFICE will not reimburse any cost towards the same. The bidder need to take necessary permission if require from concern authority.

**ARTICLE – 41: SOFTWARE LICENCES (IF APPLICABLE)**

The bidder shall be responsible for providing Software (System Software, Application Software, Device Drivers, IOS, etc) required, if any, during warranty period to the TENDERER. All license software must be in the name of the TENDERER.

**ARTICLE – 42: INSTALLATION OF ADDITIONAL HARDWARE (IF APPLICABLE)**

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

**ARTICLE – 43: THIRD PARTY AGENCY**

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

**ARTICLE – 44: SUPPORT FROM EXTERNAL AGENCY (IF APPLICABLE)**

In case, if the successful bidder wishes to have support from any external agency, it's very necessary to inform the TENDERER in written prior to allow them to work on the TENDERER's 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 successful bidder is solely responsible for the action taken by such agency on their behalf. No Data/ Information should be sent out of the premise without obtaining prior written confirmation from the TENDERER.



## Section - 4: Technical Specification

### **4.1 Indoor Fixed Dome Cameras**

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

### **4.2 Outdoor Bullet Camera**

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

### **4.3 Outdoor PTZ Camera**

S/N	Parameter	Specification
1.	Sensor	1/3" Progressive Scan CMOS 2 MP or better



S/N	Parameter	Specification
2.	Min. Illumination	Color: 0.5 lux 0.01 lux or better
3.	Scanning System	Progressive
4.	S / N Ratio	>50dB
5.	IR Distance	Internal/ External with min 100 meters coverage
6.	IR Intensity	Automatically Adjust
7.	IR on/Off Control	Auto
8.	WDR	True WDR 100 db or better
<b>Lens</b>		
9.	Optical Zoom	20X or better
10.	Focal Length	5.2 to 104mm (The minimum required optical zoom is 20 X). Focal length of 5.2 to 104. ± 25 % is accepted.
11.	Focus Control	Auto/Manual
<b>Pan Tilt Zoom</b>		
12.	Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, auto flip 180°
13.	Manual Control Speed	Pan: 0.1° ~100° /s; Tilt: 0.1° ~100° /s or better
14.	Preset Speed	Pan: 100° /s; Tilt: 100° /s or better
15.	Presets	Minimum 50 Preset Points
<b>Video</b>		
16.	Compression	H.265, H.264 or better
17.	Streaming Capability	Individually configurable minimum 03 video streams (H.265/ H.264)
18.	Resolution	1080 P or Better
19.	Frame Rate	1080P (1 ~ 25/30fps)
20.	Day and Night	Automatic, Color, Mono
21.	White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
22.	Noise Reduction	Ultra DNR (2D/3D)
23.	Motion Detection	Required
24.	Region of Interest	Required
25.	Digital Zoom	12X or better
<b>Network</b>		
26.	Ethernet	RJ-45 (10/100Base-T)
27.	Protocols	IPv4, IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP,
28.	Interoperability	Should be ONVIF Profile S compliant
29.	Streaming Method	Unicast / Multicast
30.	Local Storage (memory card of Min 32 GB to be included)	In the event of failure of connectivity to the central server the camera shall record video locally on the SD card automatically.
31.	Certification	ETL/UL, BIS certified at the time of bidding
32.	Power	PoE /PoE+(802.3 af/at) OR AC 24V/ DC12V/ 100- 230VAC
<b>General</b>		
33.	Working Temperature / Humidity	0°C to 55 °C, 80% RH non-condensing within enclosure
34.	Security	Password Protection, HTTPS encryption, IEEE 802.1X
35.	IP Rating	NEMA 4X /IP66 rated Housing, Vandal Proof IK10 or above rated
36.	Mounting Accessories	For pole and surface mount with L/C Brackets, mounting box and any other required accessories.

#### **4.4 Network Video Recorder (NVR)/ Video Recording System with Storage**

S/N	Parameter	Minimum Technical Specifications
1	No. of channels	<b>To be proposed by bidder as per his solution requirement.</b> <b>Note: Bidder should also consider additional 20% spare channels for future scalability from day1</b>
2	Storage	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.

S/N	Parameter	Minimum Technical Specifications
3	Ports	Minimum 2x10/100/1000 Ethernet ports, 2 USB, 1 HDMI, 1 VGA
4	Video compression	H.264, H.265 or better
5	Compatibility	It should be ONVIF Profile S compliant and should support any compatible make/model of IP CCTV cameras
6	Functionality	<b>System:</b> Multi-channel Live view, record, remote access, play back, backup and remotely control the system simultaneously. <b>Recording schedule:</b> Manual, Motion detection, Timing. <b>Backup:</b> Should support Network, Internal and external storage. <b>Playback:</b> Synchronous playback
7	Operating Temperature	0 to 50 degree C
8	Certification	BIS certified at the time of bidding

#### 4.5 UPS with minimum 1 Hour Backup

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

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

#### 4.6 PTZ Joystick

S/N	Parameter	Minimum Required Specifications
1.	General	PTZ speed dome control for IP cameras
2.		Minimum 10 programmable buttons
3.		Should allow configuration of Multiple –cameras
4.		Compatible with all the camera models offered in the solution

#### 4.7 Monitoring Workstation

S/N	Parameter	Minimum Required Specifications
1.	Processor	Latest Intel Quad core i5 7 <sup>th</sup> Generation processor with min 2.4 GHz or higher
2.	Motherboard & Chipset	OEM Motherboard & Compatible 64-bit Chipset
3.	Video	Integrated Graphic controller with minimum 2 GB video memory (non- shared), NVIDIA Quadro/AMD FirePro, it should support HD video Quality
4.	System Memory	Minimum 8 GB DDR4 or higher expandable up to 32 GB or more with one free DIMM slot
5.	Ports	6 Nos. or Higher USB (min 2 USB3.0), 1 HDMI / 1 VGA Port.
6.	Storage	1 TB, SATA HDD 7200 RPM. Provision for installing more drives
7.	Monitor	23 Inches or higher Wide LED, Resolution- 1920x1080, Aspect Ratio-16:9
8.	Keyboard	104 Keys or Higher Mechanical Keyboard
9.	Mouse	USB/wireless Optical Scroll Mouse
10.	OS Support	Pre-Loaded Windows 10 Professional with recovery disc
11.	Certification	RoHS, ENERGY STAR/BEE certified at the time of bidding
12.	Antivirus	Pre-Loaded Licensed Antivirus software valid for contract duration

#### 4.8 Video Wall Solution

S/N	Parameter	Minimum Required Specifications
1.	Configuration	Full HD LED/DLP Display, Direct LED Backlight, Display suitable for use in video wall with bezel to bezel distance not more than 3 mm
2.	Screen Size	55" or higher, please refer Annexure I for Video Wall sizes
3.	Resolution	Full High definition (1920 X 1080) 16:9 Widescreen
4.	Contrast Ratio	1200:1 or better
5.	Brightness	500 Cd/m2 or better
6.	Refresh rate	60 Hz or better
7.	Response Time	8 to 12 ms
8.	Viewing Angle	160 degrees or better
<b>Interface</b>		
9.	Standard Inputs	1x Digital DVI-I ; 1x Digital DVI-D/HDMI Port or Higher
10.	Standard Outputs	1x Digital DVI-D / 1x DP 1.2
11.	Control	RS-232/RS-422/IR
<b>Power</b>		
12.	Consumption	Not more than 300 Watt per display unit
13.	Power Supply	AC 100 -240 V~ (+/-10 %), 50/60 Hz
<b>General</b>		
14.	Operating Temperature	0°C - 40°C
15.	Certification	ANSI/ETL/UL, CE, FCC, BIS certified at the time of bidding
<b>Accessories</b>		
16.	Cables	Dual Link DVI-D /DP cable, power cable for daisy chain, AC cable, Remote Control
17.	Display Controller	Video Distributor/ Display controller to control Video wall in a matrix as per requirement with necessary software: Processor specs: Quad core 64-bit, 3.4 GHz CPU or latest RAM: 8 GB DDR3/4 minimum

		HDD: Min 500 GB Hard Disk (Hard disk Capacity should be upgradable) Network support: Gigabit Ethernet Controller inbuilt, Support for Add on Network adapters. Display: Display multiple source windows in any size, anywhere on the wall Accessories: DVD-R, DVD+RW, Keyboard, mouse OS Support: 64-bit Operating Systems Windows / Linux or equivalent industry standard
<b>Video Wall Management Software</b>		
18.	Display & Scaling	Display multiple sources anywhere on display up to any size
19.	Input Management	All input sources can be displayed on the video wall in freely resizable and movable windows
20.	Scenarios Management	Save and Load desktop layouts from Local or remote machines
21.	Layout Management	Support all Layout from Input Sources, Internet Explorer, Desktop and Remote Desktop Application
22.	Multi View Option	Multiple view of portions or regions of Desktop, Multiple Application Can view from single desktop
23.	Other features	<ul style="list-style-type: none"> <li>• SMTP support</li> <li>• Remote Control over LAN</li> <li>• Alarm management</li> <li>• Remote management</li> <li>• Multiple concurrent client</li> <li>• KVM support</li> </ul>
24.	Display Management	<ul style="list-style-type: none"> <li>• Display Health Monitoring</li> <li>• Pop-Up Alert Service</li> <li>• Graphical User Interface</li> </ul>

#### 4.9 **Additional LED Display**

S/N	Parameter	Minimum Required Specifications
1.	Configuration	Full HD LED Display, Direct LED Backlight
2.	Screen Size	55" or higher
3.	Resolution	Full High definition (1920 X 1080) 16:9 Widescreen
4.	Contrast Ratio	1200:1 or better
5.	Brightness	300 Cd/m <sup>2</sup> or better
6.	Refresh rate	60 Hz or better
7.	Response Time	8 to 12 ms
8.	Viewing Angle	160 degrees or better
9.	Speakers	Built in 2 x 10W (RMS)
10.	Standard Inputs	1x Digital DVI-I ; 1x Digital DVI-D/HDMI Port or Higher
11.	Standard Outputs	1x Digital DVI-D / 1x DP 1.2
12.	Control	RS-232/RS-422/IR
13.	Power Consumption	Not more than 300 Watt
14.	Power Supply	AC 100 -240 V~ (+/-10 %), 50/60 Hz
15.	Operating Temperature	0°C - 40°C
16.	Certification	ANSI/ETL/UL, CE, FCC, BIS certified at the time of bidding
17.	Accessories	Dual Link DVI-D /DP/HDMI cable, AC power cable, Remote Control, Batteries, Wall mount bracket etc.

#### 4.10 **42U Rack for control center**

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

5.	IPDU: As per the requirements of the IT equipment's to be loaded
----	--

**4.11 L2 Switch with PoE**

S/N	Item (Minimum Specification)
1.	a) Switch should have minimum 10/100/1000 Base-Tx PoE ports Duplex, Full, Half as per the proposed solution (Bidder is required to proposed no. of ports required as per the actual requirement of proposed architecture and solution i.e. 8/16/24). b) Min. 2 nos. of SFP ports (2 SFP Slots loaded with 1 Gbps Single mode SFP Module). c) Switch PoE power rating should sufficient to support the cameras to be connected
2.	Should have minimum switching capacity as per the proposed switch and solution requirement.
3.	Should be IPv4 and IPv6 ready from day one
4.	Should have IGMP snooping v1,2 & 3 supporting min 100 multicast groups
5.	Should support protocols like MSTP, STP, RSTP, dot1q VLAN-tagging, IEEE 802.3ad, NTP
6.	Switch should support Port-based and 802.1Q tag-based VLANs, MAC-based VLAN, Guest VLAN, Private VLAN, with multiple uplinks
7.	All ports should have features of auto- negotiate, flow control (802.3x), port-based network access control (802.1x), port security, MAC filtering etc.
8.	The switch should support, IPv6 DHCP-Guard/ DHCP Snooping, Source-Guard features
9.	All necessary SFP's, interfaces, connectors, patch cords (if any) & licenses must be delivered along with the switch from day one.
10.	Should have console port for administration & management, CLI and web-based GUI for easy management
11.	Port Security to secure the access to a port based on the MAC address of a user's device. The aging feature to remove the MAC address from the switch after a specific time to allow another device to connect to the same port.
12.	Multilevel security on console access to prevent unauthorized users from altering the switch configuration.
13.	Web/SSL, Telnet server/SSH, ping, traceroute, Simple Network Time Protocol (SNTP)/NTP, Trivial File Transfer Protocol (TFTP), SNMP, RADIUS, syslog, DNS client, protocol-based VLANs
14.	Duplicate address detection (DAD)
15.	Operating Temperature: 0 ° C to 55 ° C
16.	10 % to 90 % RH, non-condensing
17.	The Switch should be Rack mountable & the switch should be supplied with Indian standard AC power cord, suitable Patch Panels with I/O's

**4.12 UPS 600 VA**

S/N	Parameter	Minimum Specifications
1.	Capacity	600 VA or more Line Interactive
2.	Technology	Automatic Voltage Regulation
3.	Input Frequency Range	50 Hz +/- 5%
4.	Output Frequency Range	50 Hz +/- 5%
5.	Input Voltage	160 V – 280 V, Single phase AC
6.	Output Voltage	180VAC - 250 VAC +/- 10%
7.	Voltage Regulation	+/-10% (or better)
8.	Output Waveform	Modified Sine Wave
9.	Output Power Factor	0.6 or more
10.	Battery type	SMF-VRLA built-in
11.	Battery make	Exide/Quanta/CSB/Panasonic /Yuasa/Rocket (Battery Sr. No on OEM Letter Head with Warranty Assurance of 1 years)
12.	Battery Backup	Minimum backup of 15 Minutes
13.	Operating Temperature	0 to 40 Degree Celsius
14.	Alarms & Indications	All necessary alarms & indications essential for performance monitoring of UPS like mains presence or fail, UPS mode, low battery, overload

15.	Protections	<ul style="list-style-type: none"> <li>• If input voltage goes outside the range 160V-280V, the system shall switch over to UPS mode.</li> <li>• Over Voltage, short circuit and overload at UPS output terminal, no load shut down.</li> <li>• Under voltage at battery terminal, Battery over charge</li> <li>• It should protect from any input voltage or current spikes, surge</li> </ul>
16.	Certifications	BIS certified at the time of bidding

#### 4.13 Operator Console and Chair

S/N	Parameter	Item (Minimum Specification)
1.	Operator Console	<p>Console solutions for one monitor and one operator in a control room. Design of the console should be such that it allows operator to use it for 24/7 without any discomfort like molded edge for wrist cushion etc. Recognize the critical importance of operator comfort and efficiency and have the durability and flexibility of being extended at any time.</p> <ol style="list-style-type: none"> <li>1. Table Top should be of minimum 1000 mm (Depth) x 800 mm (Length)</li> <li>2. Keyboard Trays</li> <li>3. Power Distribution (Min. 4 Indian power sockets)</li> <li>4. Document Pedestals (3-drawer)</li> </ol>
2.	Chair	<p><b>General:</b> Ergonomic Chair with Arm Rest and castor wheels designed for 24/7 usage  <b>Backrest support:</b> Tilt adjustable, polystyrene support frame with 100% polyester fiber  <b>Seat Adjustment Mechanism:</b> Self-adjustable synchronous mechanism with soft resort. Multi-locking with safe anti-return system.  <b>Base:</b> Swivel on castor with 5 polyamide double-wheel castors (made of polyamide and fiber glass) and <b>Armrests:</b> PU pads</p>

#### 4.14 Split AC

Specifications	
1.	2 Ton standard split Air conditioner
2.	With all required accessories including remote with batteries and required cabling for the installation, commissioning and maintenance during contract period.

#### 4.15 Junction box

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

#### **4.16 Surge Protection Device (SPD)**

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

**Note:**

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



### Section 5: -Price Bid Format

**Amount in Rs.**

S/N	Item	UOM	Qty. (In Nos.)	Unit Price With 5 Year Warranty (Without Tax)	Total Price With 5 Year Warranty (Without Tax)	GST (%)
A	B	C	D	E	F=(D*E)	G
<b>Schedule-I: Capex Cost</b>						
1.	Indoor Fixed Dome Camera	Nos.	1213			
2.	Outdoor Bullet Camera	Nos.	1447			
3.	Outdoor PTZ camera	Nos.	147			
4.	PTZ Joystick	Nos.	22			
5.	Surge Protection Device	Nos.	19			
6.	3 KVA UPS with 1 hrs. Backup	Nos.	18			
7.	20 KVA UPS with 1 hrs. Backup	Nos.	1			
8.	<b><u>NVR with required Storage</u></b> (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)	Per Site	19			
9.	Monitoring Workstation	Nos.	61			
10.	Video Wall Solution (with all required hardware and accessories) - 55", in (2X3) arrangements	Nos.	01			
11.	Video Wall Solution (with all required hardware and accessories) - 55", in (2X2) arrangements	Nos.	05			
12.	Video Wall Solution (with all required hardware and accessories) - 55", in (1X1) (i.e. 2 nos. of display) arrangements	Nos.	12			
13.	55" or higher Additional LED Display	Nos.	19			
14.	42U Rack	Nos.	20			
15.	<b>Edge Infrastructure (as per proposed architecture, solution and scope of work):</b> <ul style="list-style-type: none"> <li>▪ Inclusive of all the Active and passive line items like Network Switches, UPS, Junction Box, Cable along with its various Hardware &amp; accessories, labour work for end-to-end LAN, OFC &amp; Electrical cabling work and any other components inadvertently missed out but it is required as per the proposed solution of the bidder.</li> <li>▪ As per the scope of work, functional and technical requirement of the RFP</li> <li>▪ Bidder is responsible to arrive at the required actual nos. of quantities of all of the above items.</li> </ul>	Per Site	19			
16.	Control Room console (table and Chair)	Nos.	61			

17.	Split AC 2 Ton with installation, cable, accessories.	Nos.	16			
				<b>Subtotal (Schedule-I)</b>		
<b>Schedule-II: Opex Cost</b>						
18.	Operations and Maintenance as per the scope of work for the period of 5 Years including Manpower charges	Nos	1			
				<b>Subtotal (Schedule-II)</b>		
<b>Schedule-III: Buy-back</b>						
19.	Buy-back price (List of items to be Buy-back as per Annexure-II)	Lump sum	01			
				<b>Subtotal (Schedule-III)</b>		
				<b>Grand Total (Sch-I +Sch-II) – (Sch-III)</b>		

**Note:**

- L1 will be the lowest cost to the bidder arrived as per the grand total formula i.e.  $L1 = \text{Grand Total} = \{(\text{Sub Total of Sch-I} + \text{Sch-II}) - \text{Sub Total of Sch-III}\} = \underline{\hspace{2cm}}/-$  Amount in words \_\_\_\_\_
- All the above-mentioned line items should comply to functional, Technical specifications and Scope of work including all applicable Licenses, Active and passive Cabling and Accessories, Installation, Commissioning and Configuration and onsite Support.
- Quoted Rates should be inclusive of all like Packing/ Forwarding, Insurance, FOR destination (anywhere in the Gujarat state) etc. and with applicable warranty except GST. GST needs to be shown separately at the appropriate column in price bid and will be paid on actual basis at the time invoicing.
- Schedule-II i.e. Opex cost for the period of 5 years to be quoted by the bidder should not be less than 25% of sum total of Schedule -I i.e. Capex Cost of price bid.**
- Bidder needs to upload detailed BOQ along with make & Model and part codes of all the line items.
- The rates should be valid for a period of 1 year from the date of financial bid opening.
- Qty. mentioned in the Annexure-II is based on the issued work order. However, at the time of implementation actual/available qty. will be considered and payment for the buyback will be deducted accordingly.
- The Bidder for better understanding w.r.t understanding of scope of work and bill of qty for buyback (availability of buy back material) may visit the site(s) with prior written permission from the TENDERER before the date of pre-bid. The bidder will have to do its own assessment/ measurements for finalization of scope of work / supply before submission of their bid.

## **Section - 6**

**Performa of Compliance letter/Authenticity of Information Provided**  
**(On Non judicial Stamp paper of 100 duly attested by the First-class Magistrate/Notary Public)**

Date:

To,  
**DGM (Tech.)**  
**Gujarat Informatics Ltd.**  
Block No.2, 2<sup>nd</sup> Floor,  
Karmayogi Bhavan, Gandhinagar.

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

**Ref: RFP.NO. GIL\Jails\Video Surveillance\2019-20**

Dear Sir,

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

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

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

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

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

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

Thanking you,

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2019

Signature: \_\_\_\_\_

(In the Capacity of) : \_\_\_\_\_

Duly authorized to sign bid for and on behalf of  
\_\_\_\_\_

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

**Annexure A**

**Format of Earnest Money Deposit in the form of Bank Guarantee**

Ref: Bank Guarantee No.  
Date:

To,  
**DGM (Technical)**

Gujarat Informatics Limited  
Block No.2, 2<sup>nd</sup> Floor, Karmayogi Bhavan,  
Gandhinagar - 382017  
Gujarat, India

Whereas ----- (here in after called "the Bidder")) has submitted its bid dated --  
----- in response to the RFP.NO. GIL\Jails\Video Surveillance\2019-20 Bid for Selection of Agency for Supply, Installation, Commissioning and warranty support of various Equipments for the Implementation of Video Surveillance System at Jails 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/PURCHASER at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the SELLER and not withstanding any security or other guarantee that the OWNER/PURCHASER may have in relation to the SELLER's liabilities.



Dated at \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

\_\_\_\_\_  
Signed and delivered by

\_\_\_\_\_  
For & on Behalf of

Name of the Bank & Branch &  
Its official Address

**(Approved Bank: All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2018/DMO dated 16.04.2018 [http://www.gil.gujarat.gov.in/grs/DMO\\_2173\\_16\\_Apr\\_2018\\_714.pdf](http://www.gil.gujarat.gov.in/grs/DMO_2173_16_Apr_2018_714.pdf)) issued by Finance Department or further instruction issued by Finance department time to time)**



**Section - 7**

**Performance Bank Guarantee**

(To be stamped in accordance with Stamp Act)

Ref: Bank Guarantee No.  
Date:

To  
Name & Address of the Purchaser/Indenter

\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

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

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

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

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





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

Dated at \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

\_\_\_\_\_  
Signed and delivered by

\_\_\_\_\_  
For & on Behalf of

Name of the Bank & Branch &  
Its official Address

List of approved Banks

**Approved Bank: All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2018/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time**

**Performa of Contract Form**

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

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

TOTAL VALUE:

DELIVERY SCHEDULE:

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

Signed, Sealed and Delivered by the

Said \_\_\_\_\_ (For the Purchaser)

in the presence of \_\_\_\_\_

Signed, Sealed and Delivered by the

said \_\_\_\_\_ (For the Supplier)

in the presence of \_\_\_\_\_

## Section - 8 Annexure

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

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

### ELIGIBILITY CRITERIA

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

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

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

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

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

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

**Form no. E3: Bidder's Relevant Experience:**

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

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

**Form no. E4: Compliance Statement and OEM Authorization Letters:**

Sr. No.	Item	Make & Model	Compliance (Yes/No)	Authorization Certificate (Yes/No)

**Note:** Please upload necessary supporting proofs in eligibility section.

**Form no. E5: Bidder ISO 9001:2008/2015 certificate**

Bidder Name	Address	ISO 9001:2008/2015 issued dated	ISO 9001:2008/2015 valid up to	Type of supporting document attached

**Note:**

1. Please fill this form and submit the supporting documents. Failing the same may lead to the rejection of the bid.
2. The Bidder will have to quote one make & model for each line item. Quoting multiple make & models in the BID may lead to rejection of the bid.

**Form no. E6: Office and Service Center in India of OEM / IP CCTV Camera Product Company:**

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

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

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

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

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

**Form no. E8: Format of Detailed BoQ and Make and Model list of each line item**

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

**Note:** The Bidder may quote only one option (i.e. one Make and Model can be quoted) against each item. Bidders are required to mention Make and Model of the product (Do not write "OEM" against items). Bidders are expected to give make and model of the product). Ensure that all equipment including material to be installed by the Bidder shall be new and the product should not be de-supported or declared end of life during the next 7 years.

\*\*\*\*\***END**\*\*\*\*\*