

Bid Document

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

RFP.NO. GIL\GIDM\Wi-Fi System\2018-19

DATE: 08.02.2019

Client: Gujarat Institute of Disaster Management, Gandhinagar

Pre bid Meeting: 20.02.2019 on 1500 hrs.

Bid Due Date: 06.03.2019 up to 1500 hrs.

Last Date of Submission of Bid Processing Fees & EMD: 06.03.2019 till 1500 hours

Un-priced Bid Opening:

Date & Time: 06.03.2019 at 1700 hrs.

Venue for pre-bid meeting:

Gujarat Informatics Limited
Block No. 2, 2nd Floor, Karmayogi Bhavan,
Sector 10A, Gandhinagar - 382 010

Bidding Agency Address:

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

Note: Please address all queries and correspondence to

DGM (Tech.)

Gujarat Informatics Limited,
Block No. 2, 2nd Floor, Karmayogi Bhavan,
Sector 10 A, Gandhinagar - 382 010

Phone: 079 - 232 56022

E-mail: viveku@gujarat.gov.in

Introduction

Gujarat Institute of Disaster Management (GIDM) is registered as an autonomous society under the Government of Gujarat. The Institute has been entrusted with the responsibility to impart knowledge and skills required to develop individual competencies, gain appropriate understanding and accomplish appropriate disaster management tasks, while establishing and strengthening overall disaster management institutional capacities at the national, state and local levels. In addition to this, the prestigious SAARC Disaster Management Centre (IU) is also housed in the same campus. One can perhaps imagine the need of proper connectivity and accessibility when two such organizations with their mammoth agendas are housed in the same campus.

The current infrastructural setup is not adequate and in fact, it is becoming a hindrance for GIDM to realize the bigger objectives of developing a digital campus which fosters a spirit of seamless knowledge exchange and learning. The proposals are hereby called for from the Bidders having capability and resources in supplying and setting up the Campus Wi-Fi solution and related services at GIDM Campus

The eligibility section and the Bid Security & bid processing fees section will be opened on the specified date & time in presence of the Bidders or their authorized representative who choose to attend. In the event of the date specified for bid receipt and opening being declared as a holiday for the office of Gujarat Informatics Ltd the due date for submission and opening of bids will be the following working day at the scheduled times.

Gujarat Informatics Limited (GIL), on behalf of Gujarat Institute of Disaster Management, Gandhinagar (herein after referred "THE OFFICE") invites the bid for Selection of Agency for Supply, Installation and Commissioning of various Equipments for the Implementation of Wi-Fi System at Gujarat Institute of Disaster Management, Gandhinagar

The selected Agency shall be fully capable and experienced in the work of carrying out Wi-Fi System including Application Software. The Selected Agency must have trained and certified manpower including technicians capable of carrying out this job.

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

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

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

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

1. Bidder shall submit their bids on <https://www.gil.nprocure.com>.
2. The Bidder will have to remit **Nonrefundable Bid Processing Fees of Rs. 1,770/- & Earnest Money Deposit (E.M.D.) of Rs. 40,000/- (Refundable) on or before date & hours of submission of bid (i.e. 06.03.2019 up to 1500 Hrs.)** in a sealed cover at GIL office with the heading **"Bid processing fees & EMD for RFP for Selection of Agency for Supply, Installation, Commissioning and warranty support of various Equipments for the Implementation of Wi-Fi System at Gujarat Institute of Disaster Management, Gandhinagar.**
 - ✓ Bid processing fees must be in the form of Demand Draft in the name of "Gujarat Informatics Ltd." payable at Gandhinagar along with the covering letter. Please affix the stamp of your company on the overleaf of demand draft.

- ✓ EMD shall be submitted in the form of **Demand Draft OR** in the form of an **unconditional Bank Guarantee (which should be valid for 9 months from the last date of bid submission)** of All Nationalized Bank including the public sector bank or banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at **as per prescribed format given at Annexure A**) and must be submitted along with the covering letter.

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

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

Section - 1

Eligibility Criteria

1. The bidder should have a total sum of turnover of **Rs. 01 Core (Minimum)** in the last three financial years. The copies of Audited Annual Accounts/Balance Sheet along with Profit & Loss Account for last three years shall be attached along with the bid. **(Form no. E-1)**
2. The bidder should have local presence and should have office in Gujarat. The bidder should have service support infrastructure to provide warranty and post warranty services. The details of such service support infrastructure must be enclosed. Please attach the copies of any two of the following: Property Tax Bill of last year/Electricity Bills of last one year/Telephone Bills of last one year/VAT Registration/CST Registration/ GST Registration/Valid Lease Agreement. **(Form no. E-2). In case bidder do not have office in Gujarat, bidder should give undertaking to open office in Gujarat within 45 Working days from the date of award of work order.**
3. **Bidder's past experience:**
 - (a) The Bidder should have at least 3 years experience in setting up LAN / WAN, and should have installed minimum **05 LAN / WAN Systems with minimum 50 nodes** (here node means Computer or any other networking device) installed and operational in the same campus or different campus. Copies of Purchase Orders / Contract Agreement and Certificates of Successful Completion from Customer should be submitted. **(Form no. E-3).**
 - (b) Bidder should have experience of executing Wi-Fi System Project for at least **3 customer reference sites of Wi-Fi System & related accessories installation, out of which 2 sites must consisting of minimum 50 Wi-Fi Access Points per site.** Copies of Purchase Order(s) / Contract Agreement and Certificates of Successful Completion from Customer should be submitted. **(Form no. E-4)**
4. Bidder should attach Authorization certificate from the OEM of the equipment specified in Form, for the authenticity, authorized representation and after sales support. **(Form no. E-5)**
5. Bidder/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.
6. All Active components are should be from one single OEM and all Passive components all should be one single OEM.

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

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

Section - 2

Scope of Work

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

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

Architecture

1. Gujarat Institute of Disaster Management intends to enable the Campus as Wi-Fi enabled campus covering the areas as per detail provided in below:
 - All the Blocks of GIDM Campus
 - Residential Annexes' Campus including Gym and Sports Area
 - Garden Area
 - Museum Area
2. Wi-Fi network access should be available throughout the campus inside the buildings as well as in Lobbies, Corridor locations to all the staff of the GIDM based on well-defined access policy.
3. The System should support seamless roaming within the campus for users with mobile devices such as smart phones and tablets.
4. The network should support the user devices with 2.4 GHz as well as 5 GHz frequency band at the same time.
5. It should be possible to manage the Wi-Fi network from a central location preferably Network Monitoring Centre of GIDM, through the wireless management system. The management system should support unified wired and wireless network management, and BYOD (Bring your own device) solution.
6. It should be possible to configure and deploy access points (APs) remotely through a Wireless controller.
7. System should support multiple VLANs to support users with different privileges.
8. Bidder shall provide complete network diagram including detailed technical documentation and detailed Project Plan for all the locations mentioned.
9. 3 ISPs (GSWAN, Airtel/Any other, NKN (In future)) must be integrated through load balancing features of network components without any delay (seamlessly).
10. Campus should must have only two SSID (GIDM and GIDM Guests), it should be customized.
11. All network components must have VoIP Services enabled devices.
12. Should must have a network monitoring tool in which 3 ISPs can be measured by having Dashboard
13. The Architecture of the system should support scalability to support future expansions – subsequent project phases and increased user density. (Indicative figure of concurrent users is 1500)

Security

1. The entire Wi-Fi network should be fully secure and multiple authentication mechanisms should be implemented by the successful bidder.
2. Every user should get access to only those services for which they are authorized.
3. The successful bidder has to configure the system on Rule based Access Rights.
4. Data communication between devices should take place in encrypted form to ensure end-to-end security of user information/ data along with implementation of Wireless Security Standards such as WPA and WPA2.
5. A Secure Guest Portal would be configured for Guest User Access if reqd.
6. Wireless Intrusion Prevention System (WIPS) has to be deployed to prevent Intrusion into the wireless network.
7. The Bidder has to ensure compliance with all Regulatory and Legal guidelines issued by Department of Telecommunications from time to time. At no point GoG or its agencies would be responsible for any non-compliance arising from non-adherence on the side of the successful bidder.

Implementation

1. The bidder shall carry out survey of the campus to ascertain number of Access Points and their positioning to ensure maximum coverage as desired and excellent signal strength. The Bidder shall arrange for the Technical manpower for the period of 5 years from the date of acceptance to look after the day to day management of services related to Wi- Fi facility management. These services would include:
 - (i) Providing connectivity to user devices as per Wi-Fi access policy,
 - (ii) Satisfactorily handling all the issues related to connectivity, performance and security.
2. Structured cabling for connecting all the APs will be in scope of the bidder. This would include installation of APs at designated places, laying of LAN and power cables through PVC conduits, connecting the APs to nearest Access switch. Bidder has to undertake necessary LAN and power cable connectivity to ensure system operations during the entire contract period.
3. All active and passive components required for setting up Access Points and Core infrastructure including converters, injectors, poles, frames, mounts, other accessories, etc. would be in scope of the bidder.
4. The successful bidder will Carry out all the works necessary to successfully implement the entire solution including installations, configurations and enabling services at all locations within the time period stipulated in the 'General Terms and Conditions'.
5. The successful bidder will Design and present the complete solution along with installation plan.
6. The bidder will provide all the documentations including operating and service manuals, diagrams and test reports of the deployed Wi-Fi system. The bidder will have to arrange for all the testing equipment & tools required for installation, testing and maintenance etc. at his own cost.
7. The successful Bidder will be responsible for User Creation, Privilege Assignment, and Online Support for the entire project. The successful bidder will be responsible for smooth operations of the entire system in respect to New User configurations and connectivity, User Management Troubleshooting, User education through documentation and Training material in Hard and Soft forms.
8. The successful bidder has to provide on-site warranty for all equipments as mentioned in RFP.

Section - 3

Instructions to Bidders

ARTICLE - 1: COST OF BIDDING

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

ARTICLE - 2: BIDDING DOCUMENTS

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

ARTICLE - 3: CLARIFICATION ON BIDDING DOCUMENTS:

- 3.1 Bidders can seek written clarifications up to 5 days before pre bid meeting to DGM (Tech.), Gujarat Informatics Ltd., Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan Gandhinagar-382010. GIL will clarify and issue amendments if any. No further clarification what so ever will be entertained

ARTICLE - 4: AMENDMENT OF BIDDING DOCUMENTS

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

ARTICLE - 5: LANGUAGE OF BID

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

ARTICLE - 6: SECTIONS COMPRISING THE BIDS

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

6.2 The bid submitted shall have the following documents:

EMD & Bid Processing Fees Section:

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

Eligibility & Technical Section:

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

Price Bid Section:

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

ARTICLE - 7: BID FORMS

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

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

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

ARTICLE - 8: FRAUDULENT & CORRUPT PRACTICE

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

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

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

ARTICLE - 9: LACK OF INFORMATION TO BIDDER

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

ARTICLE - 10: CONTRACT OBLIGATIONS

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

ARTICLE - 11: BID PRICE

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

ARTICLE - 12: BID CURRENCY

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

ARTICLE - 13: EARNEST MONEY DEPOSIT (EMD)

- 13.1 The Bidder shall furnish, as part of the Bid, **EMD as mentioned in bid** in a separate envelope.
- 13.2 The un-priced bid (Technical-bid) will be opened subject to the confirmation of valid EMD and bid processing fees.
- 13.3 Unsuccessful bidder's E.M.D. will be returned as promptly as possible within 30 days after the expiration of the period of bid validity OR upon the successful Bidder signing the Contract, and furnishing the Performance Bank Guarantee @ 10% of the total order value as prescribed by GIL, whichever is earlier.
- 13.4 The successful Bidder's EMD will be discharged upon the Bidder signing the Contract/Agreement, furnishing the Performance Bank Guarantee as per bid, offer of inspection of the ordered material and after completion of bid validity whichever is later.
- 13.5 The EMD may be forfeited at the discretion of GIL / THE OFFICE, on account of one or more of the following reasons:
- The Bidder withdraws their Bid during the period of Bid validity specified by them on the Bid letter form.
 - Bidder does not respond to requests for clarification of their Bid.
 - Bidder fails to co-operate in the Bid evaluation process, and
 - In case of a successful Bidder, the said Bidder fails:
 - To sign the Agreement in time,
 - To furnish Performance Bank Guarantee
 - If the bidder is found to be involved in fraudulent practices.

ARTICLE - 14: PERIOD OF VALIDITY OF BIDS

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

ARTICLE - 15: DURATION OF THE CONTRACT

- 15.1 The duration of the Contract period for this will be of **5 years**. The duration spent for installation of Hardware and Software will not be a part of contract period. Hence the actual contract period starts after the successful installation of hardware and software & completion of deployment of software as per the RFP.

ARTICLE - 16: BID DUE DATE

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

ARTICLE - 17: LATE BID

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

ARTICLE - 18: MODIFICATION AND WITHDRAWAL OF BID

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

ARTICLE - 19: OPENING OF BIDS BY GIL

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

ARTICLE - 20: CONTACTING GIL / THE OFFICE

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

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

ARTICLE - 21: REJECTION OF BIDS

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

ARTICLE - 22: PRELIMINARY EXAMINATION OF BID

- 22.1 Un-priced Bid documentation shall be evaluated in two steps.
- 22.2 Firstly, the documentation furnished by the Bidder will be examined based on the following criteria:
- (i) Compliance to bid document.
 - (ii) Evaluation of Eligibility Criteria & Technical Specifications of the Product / Solution Offered. (The bidder shall provide details in the bid)
 - (iii) Experience in handling such projects (the bidder shall provide information in the BID)
- 22.3 In the second step, GIL / THE OFFICE may ask Bidder(s) for additional information, demonstration of the equipments, field testing of the equipments offered to check compatibility with the existing user's infrastructure, visit to Bidders site and/or arrange discussions with their professional, technical faculties or Users, to verify claims made in Un-priced Bid documentation.
- 22.4 Bidder will have to demonstrate seamless integration of offered item with user's Infrastructures, as mentioned in the Scope of Work, with satisfactory performance of required transmission as requested in Specification Sheet.
- 22.5 **Priced Bid:** Priced Bids will be opened only if the bids are technically qualified and fulfill the Eligibility Criteria. GIL may at its discretion discuss with Bidder(s) available at this stage to clarify contents of Price Bid.
- 22.6 **Choice of Firm: Final Choice of Firm to execute this project shall be made on the basis of conformity to eligibility & technical bid. The financial bid of the technically qualified bidders will be opened and financially L1 bidder will be decided from the sum total of prices for all line items without tax with 5 years warranty and then called for further negotiations if required.**
- 22.7 As per the provision in Electronics & IT/ITeS Start-up Policy Resolution No. ITS/10/2015/5284/IT dated 6th June, 2016 issued by Department of Science & Technology; in e-Governance project undertaken by Government Departments or its Boards, Corporations or parastatal bodies getting grants from the Government, the chosen solution provider or system integrator will pass on job work or will outsource part of the work of a value ranging between 5% to 10% of the contract value to the eligible start-ups and to students of shortlisted Technical Colleges in Gujarat. In such arrangements, the responsibility of meeting SLAs (Service Level Agreements) will continue to belong to the solution provider or the system integrator.

ARTICLE - 23: AWARD OF CONTRACT

- 23.1 Award Criteria: The Criteria for selection will be the lowest effective cost to THE OFFICE for the technically qualified bids for total cost. (Excluding any taxes).
- 23.2 THE OFFICE's right to vary requirements at time of award: GIL/ THE OFFICE reserves the right at the time of award to increase or decrease quantity for the requirements originally specified in the document without any change in Bid rate or other terms and conditions.

- 23.3 In case, if lowest bidder does not accept the award of contract or found to be involved in corrupt and/or fraudulent practices, the next lowest bidder will be awarded the contract. In such scenario, the lowest bidder has to born the difference between lowest prices and next lowest prices.
- 23.4 The tendered quantities are estimated based on the receipt of the requirement from Government offices at the time of floating the bid. During the bid validity, the other Government offices can also place the purchase order under this bid at final negotiated rate.

ARTICLE - 24: NOTIFICATION OF AWARD & SIGNING OF CONTRACT

- 24.1 Prior to expiration of the period of Bid validity, THE OFFICE will notify the successful Bidder and issue Lol.
- 24.2 The Successful bidder has to submit Performance Bank Guarantee as mentioned in bid.
- 24.3 Successful Bidder will have to sign the contract upon receiving the purchase order with the purchaser(s) within 15 working days from the date of purchase order. (The draft is attached herewith).

ARTICLE - 25: FORCE MAJEURE

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

25.2 Force Majeure Events

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

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

- 25.3 Natural events ("Natural Events") to the extent they satisfy the foregoing requirements including:
- (a) Any material effect on the natural elements, including lightning, fire, earthquake, cyclone, flood, storm, tornado, or typhoon;
 - (b) Explosion or chemical contamination (other than resulting from an act of war);
 - (c) Epidemic such as plague;
 - (d) Any event or circumstance of a nature analogous to any of the foregoing.
- 25.4 Other Events ("Political Events") to the extent that they satisfy the foregoing requirements including:
- Political Events which occur inside or Outside the State of Gujarat or involve directly the State Government and the Central Government ("Direct Political Event"), including:

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

25.5 FORCE MAJEURE EXCLUSIONS

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

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

25.6 PROCEDURE FOR CALLING FORCE MAJEURE

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

ARTICLE – 26: CONTRACT OBLIGATIONS

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

ARTICLE – 27: AMENDMENT TO THE AGREEMENT

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

ARTICLE – 28: USE OF AGREEMENT DOCUMENTS AND INFORMATION

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

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

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

ARTICLE – 29: TAXES & DUTIES

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

ARTICLE – 30: BOOKS & RECORDS

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

ARTICLE – 31: WARRANTY TERMS

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

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

ARTICLE – 32: PERFORMANCE GUARANTEE

- 32.1 The Vendor shall furnish Performance Guarantee for the duration of warranty period + extra 3 months to THE OFFICE / GoG.
- 32.2 The performance guarantee will be in the form of bank guarantee towards faithful performance of the contract obligation, and performance of the equipments during Warranty period. In case of poor and unsatisfactory field services, THE OFFICE shall invoke the PBG.
- 32.3 The Successful bidder has to submit Performance Bank Guarantee @ 10% of total order value within 15 days from the date of issue of Purchase order (for warranty period + extra 3 months) All Nationalized Bank including the public sector bank or banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time. (The draft of Performance Bank Guarantee is attached herewith).
- 32.4 The Performance Guarantee shall be discharged by THE OFFICE and returned to the Vendor within 30 days from the date of expiry of the Performance Bank Guarantee.

ARTICLE- 33 DELIVERIES AND INSTALLATION / IMPLEMENTATION:

- **The work has to be completed within 45 days for the date of Work Order issued.** The bidder has to take the necessary approval of THE OFFICE for Schematics Diagram (Layout) within 10 days for cabling & laying work of Wi-Fi System and complete the from the remaining 35 days.
- If in any case the quoted Item is not available in the market at the time of delivery, the bidder will have to supply Higher Version/replacement of that Item in the quoted cost in the same time duration with prior approval of GIL. No “End of Life” product should be quoted to minimize such instances.

ARTICLE –34: PAYMENTS TERMS

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

ARTICLE – 35: SERVICE TERMS

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

ARTICLE – 36: PENALTY CLAUSE

36.1 Penalties for delay in implementation:

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

36.2 Operational Penalties:

- During warranty period, if the complaint is not resolved within 48 hrs., the penalty of Rs. 500 per day for Wi-Fi Access Point & Controller, Firewall, and Switch & within 72 hrs. for networking components and other peripherals, the penalty of Rs. 300 per day will be levied. However, if the complaints not resolved within 7 days then from 8th day to 14th day, penalty would be levied @

150% and from 15th day onwards penalty @ 200% of the above rates would be levied. The amount of penalty will be recovered from the Performance bank guarantee during warranty period.

- b) In case of major failure happens due to which services may be effecting for longer period, the bidder will be required to an immediate alternate arrangement of the same till it is repaired. Failure to arrange for the immediate repair/replacement will be liable for penalty of Rs.500 per day for Camera, NVR, Switch, UPS and Rs. 300 per day for networking components and other peripherals. The amount of penalty will be recovered from the Performance bank guarantee during warranty period.
- c) The Bidder/System Integrator will be required to co-ordinate with THE OFFICE, software vendor and/or do liasioning with other service provider to achieve the end-to-end connectivity. This also includes Server/NVR OS configuration with respect to LAN/WAN technologies implementation.

ARTICLE – 37 PROJECT IMPLEMENTATION

- 37.1 The selected agency will have to complete the work which includes Supply, Installation, Testing and Commissioning of hardware and required equipments including LAN & cabling work within the time limit given in the bid. The bidder has to take the necessary approval of THE OFFICE for Schematics Diagram (Layout) within 10 days for cabling & laying work of Video Surveillance System and complete the work from the remaining 35 days.
- 37.2 The Selected agency will implement the project strictly as per the plan approved by THE OFFICE. The Vendor shall carry out cabling work at such locations as may be decided by THE OFFICE within a specified period as specified in Instruction letter/LOI/Order and complete their provisional Acceptance Test to the satisfaction of THE OFFICE within 10 days from the date specified. This period may be extended depending upon the fulfillment of Conditions Precedent.
- 37.3 Installation, Commissioning and Acceptance of work will be undertaken by THE OFFICE. All Invoices, Vouchers, -Bills for supplied goods and services by the Supplier under the scope of the work will be verified measured and accepted by THE OFFICE for release of payment.
- 37.4 As part of implementation the Vendor shall provide details of equipment that will be incorporated in the proposed system, material and manpower as required. The location for storing spare parts and quantity there on should also be clearly indicated.
- 37.5 The Vendor shall provide the necessary technical support, Standard Operating Procedure (SOP) and other information to THE OFFICE and its user organizations in implementing the proposed system applications. THE OFFICE at any time during the currency of the Agreement should have access to the proposed sites.
- 37.6 The Vendor shall provide training to THE OFFICE Personnel at no cost to THE OFFICE. The training schedule, content and modalities will be defined jointly by both the parties.
- 37.7 The Vendor shall arrange to obtain all statutory permission with no cost to THE OFFICE. The Vendor may have to work during Holidays and Sundays, according to the urgency of work. The Vendor will obtain such permission on his own in consultation with THE OFFICE. It will be the responsibility of the Vendor to co-ordinate with THE OFFICE required to execute the job.
- 37.8 The Vendor shall not disturb or damage the existing network of communication. If in case any damage to the network is done, the same shall be corrected with no extra cost. The agency shall also be responsible for paying penalty, as imposed by the service owner to which the damage is incurred.
- 37.9 In case of the material/solution supplied and installed is rejected owing to its non-conformity to the specification or due to the poor quality of workmanship, the same shall be replaced promptly.

- 37.10 Vendor shall treat all matters connected with the contract strictly confidential and shall undertake not to disclose, in any way, information, documents, technical data, experience and know how, without prior written permission from THE OFFICE.
- 37.11 Any damage caused to the property of THE OFFICE while executing the job shall be solely Vendor's responsibility. In case any damage to the property is caused, the same will be recovered from the Vendors. No any extra cost shall be paid to the Vendor for such reasons.
- 37.12 The Vendor shall have to furnish the documentation of the work undertaken in consultation with THE OFFICE. 3 sets of such documentation should be provided before the issue of completion certificate.
- 37.13 It is a turnkey project. The Vendor shall be fully responsible for implementing the Project in totality and should include the items and their prices, if not included in Schedule of Requirement to complete the project on turnkey basis. Any claim whatsoever in this regard will not be entertained later on.
- 37.14 In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from else ware as prescribed in bid and Vendor shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the contract for the goods involved i.e. at the risk and cost of the Vendor.
- 37.15 THE OFFICE reserve the right to visit any working site of the Vendor with prior intimation. The concern Vendor has to make necessary arrangement for the same.
- 37.16 The Supplier shall be responsible and take required insurance for all of their representations working on the site at their own cost. THE OFFICE will not be responsible for any loss or damage to any of the representatives of the Supplier during the said contract.
- 37.17 All work shall be performed and executed by the Supplier in strict conformity with THE OFFICE and any relative instruction issued to the Supplier by THE OFFICE time to time.
- 37.18 In the event of the delay in delivery of contracted services or services is not satisfactory the purchaser may procure goods from else ware as prescribed in bid and Vendor shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the contract for the goods involved i.e. at the risk and cost of the Vendor.
- 37.19 THE OFFICE shall associate few engineers / technicians during installation and commissioning work. Vendor shall ensure proper participation of the nominated personnel from THE OFFICE and train them on the system related. Also vendor shall organize the systematic training of selected personnel from THE OFFICE on the operation / management of equipments.

ARTICLE – 38: ACCEPTANCE TEST

Acceptance Test will be conducted in as follows:

- 38.1 THE OFFICE reserve the right to inspect equipment's and OFC/JFC, Cat-5/Cat-6 cables etc. The cost of all such tests shall be borne by the Vendor. Any inspected goods fail for confirm to specification after installation, THE OFFICE may reject them and the Vendor shall have to replace the rejected goods. In case of inspection waiver the same shall be obtained before the dispatch of goods. Inspection of rest of material shall be done at site. Sample approval should be obtained before installation for such material.
- 38.2 The first step will involve successful installation of all sites. The provisional acceptance of these sites will be defined as Partial Acceptance.
- 38.3 The date on which Acceptance Certificate is issued shall be deemed to be the date of successful Commissioning of the System.

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

ARTICLE – 39: INSTALLATION REQUIREMENTS

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

ARTICLE – 40: SOFTWARE LICENCES (IF APPLICABLE)

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

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

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

ARTICLE – 42: THIRD PARTY AGENCY

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

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

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

ARTICLE – 44: The tendered quantities are estimated based on the receipt of the requirement from various Government offices. The quantities may decrease up to 30% of the bid quantity or increase up to 30% of the bid quantity 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 – 45: The bidder has to carry out survey of the GIDM campus to ascertain number of Access Points and their positioning to ensure maximum coverage as desired and excellent signal strength before submitting the bid.

Section - 4

Make & Model List

Item	Make & Model	Supporting Document uploaded? (Yes/No)
Outdoor Access Point		
Wireless Controller		
Firewall		
PoE Layer-2, 24 port Switch		
24 Port Patch Panel		
600 VA UPS		
9 U Rack		
1 mtr. Cat-6 Patch Cord		
2 mtr. Cat-6 Patch Cord		

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

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

Section - 5

Technical Specification

S/N	Item (Minimum Specification)	Matched/ Not Matched	Deviation/Remarks, (if any)
Wireless Controller			
1	Physical ports	4# 10/100/1000 Mbps Base-T Ports	
	Management Ports	RJ45 Console port	
	Hard disk	64G SSD Sata/Msata drive should be loaded	
	AP License	Basic 50 AP License should be loaded, upgradable Maximum up to 256 AP	
	Concurrent users	Should support minimum 1500 Concurrent users per AC	
	AP Discovery	Should support L2 and L3 Discovery	
	CAPWAP Protocol	Should Support L2/L3 network topology between AP and AC AP Should support discover and accessible AC automatically AP should support update of firmware and download of configuration from AC automatically	
	Roaming	Should support Seamless roaming, Fast roaming	
	L3 Features	Support Static route , ARP entries	
	Management Features	Web, CLI, Telnet and Console access TFTP/FTP and SSH v1/v2 SNMPv1/v2c/v3 Radius Authentication Syslog (Internal & External) and SNMP/NTP	
	Authentication,	Should support internal and external Portal authentication Should support customized Portal, External Radius, LDAP and Mac authentication	
	Security encryption	Support 64/128 WEP, dynamic WEP, TKIP, SMS encryption mode Support 802.11i safety authentication, Should support 802.1x authentication Should support PSK mode, Enterprise and Personal version Support WAPI encryption and authentication	
	VLAN	802.1Q, Port based VLAN, VLAN groups	
	Security management	Should Support wireless intrusion detection and intrusion prevention, Support WIDS/WIPS (wireless intrusion detection and wireless intrusion protection) Anti-wireless flooding attack, Anti-spoof attack	
	IPv6 Features	Should support ICMPv6, DNSv6, IPv6 Static route, IPv6 ACL	
Certificates	CE/FCC		
General Conditions	All the software features and Hardware ports should be available from Day1 of purchase All Switches , fiber modules and Wireless form single reputed OEM		
Environment	Operating Temperature: 0°C~45°C Relative Humidity: 10%~90% non-condensing		

S/N	Item (Minimum Specification)	Matched/ Not Matched	Deviation/Remarks, (if any)
Outdoor Access Point			
2	Network protocol	IEEE wireless LAN standards shall supported (802.11a/b/g/n/ac)	
	Transmit Power	Minimum 20dbm on each 2.4 & 5 GHz	
	Interface	1#10/100/1000Mbps RJ45 POE LAN Port	
	Data Rate	Should support 2.4 GHz and 5 GHz for single-band, dual-radio operation data rate up to 1167 Mbps support 2.4GHz@ 300mbps and 5GHz@ 867mbps	
	Discovery and Roaming	Should support MIMO Technology AP should support discovery of controller between L2 and L3 network AP should support seamless and fast roaming through L3 network Should support fast roaming, Forced roaming and load balancing between weak signals	
	Wireless Working frequency	802.11a/n : 5.150 GHz to 5.850 GHz, 802.11b/g/n : 2.4 GHz to 2.483 GHz, 802.11ac: 5.150GHz to 5.250GHz,5.250GHz to 5.350GHz, 5.725GHz to 5.850GHz	
	Wireless Antenna	AP shall support Built-in 2.4 GHz 4 dBi antenna and 5 GHz 5 dBi antenna	
	Operate Mode	Repeater, Wireless AP	
	Protection Level	Shall Support IP67	
	Wireless SSID	AP should support a minimum of 16 or higher SSID.	
	Power	AP's should comply to PoE input standard 802.3af and DC 12V/1A	
	Wireless Management	AP should be Centralized management through an AC; both fit and fat modes and Both local and remote maintenance	
	Wireless Accessories	AP should be quoted including all the installation accessories (mounting brackets, power supply units, power injectors).	
	Firmware management	Should support dual firmware loaded to support failover between firmware	
	AP Load Balancing	AP Should support load balancing based on traffic, number of users and frequency bands	
	IPv6 support	Should support IPv4 and IPv6 Dual stack Should support IPv6 address, DHCPv6, IPv6 Portal, IPv6 forwarding	
	QOS	Should support WMM, 802.1P and 802.11e Should support wireless priority mapping, SSID policy mapping and data streams policy mapping	
Wireless Security	AP should support authentication methods: 802.11i, WEP, WPA, WPA2 & RADIUS, WPA-EAP using TKIP, LDAP authentication, PEAP authentication, WIDS/WIPS, Protection against DoS attacks, ACL Should support LDAP, PEAP and Mac address authentication Should support 802.1x, captive portal, internal/external portal, encrypted password and mac address user admission authentication Should support intrusion detection, Rouge AP detection, and Rouge client detection.		
EMC Safety	CE/FCC		

S/N	Item (Minimum Specification)	Matched/ Not Matched	Deviation/Remarks, (if any)
Firewall			
3	Appliance Throughput		
	<ul style="list-style-type: none"> • Firewall throughput of 8 Gbps • Minimum 1.5 Gbps of Antivirus Throughput • Minimum 6,000,000 Concurrent sessions • Minimum 2.4 Gbps of IPS throughput • Minimum 85,000 New Sessions/second • Minimum of 8 x GBE Interfaces,1 GBE SFP. 		
	General Features		
	<ul style="list-style-type: none"> • Bandwidth Management • High Availability (Active-Active & Active-Passive) • Network: OSPF, RIPv2, BGP, High Availability, QoS, etc., • Support for Guest user authentication over SMS and in built two factor authentication without any additional cost. • The proposed solution should support integration with Windows NTLM, Active Directory, LDAP, Radius, RSA SecurID, Novell e-Directory, TACACS or Local Database for user authentication. 		
	Gateway Antivirus, Anti-Spyware and Anti-Spam		
	Virus, Worm, Trojan Detection and Removal, Automatic Virus signature database update, Real-Time blacklist, MIME header check, and Redirect spam mails to dedicated email address, image-spam filter, Spam Notification. Should have dual AV engine, DLP engine with automatic scanning of emails and attachments for sensitive data.		
	Web and Application Filtering		
	<ul style="list-style-type: none"> • URL, Keyword, File type block, Block Java applets, cookies, ActiveX, Block malware, phishing, pharming URL, block P2P application, anonymous proxies, Customized block on group basis. Minimum of 89 categories with more than 160 million URLs supported. 2000+ application support categorized into Characteristics, Technology, Category and Risk Level. • The proposed solution must work as a HTTP proxy server with integrated Firewall, Anti-Virus, Anti-Spam, Content filtering, IPS. 		
	Wireless Security and Control		
	Should act as a wireless controller, Simple plug-and-play deployment of wireless access points (APs) - automatically appear on the firewall control center, Central monitor and manage all APs and wireless clients through the built-in wireless controller, Support for IEEE 802.1X (RADIUS authentication), Wireless repeating and bridging meshed network mode with supported Aps.		
	Security Features		
	Intrusion Prevention System (IPS): For different attacks like Mail Attack, FTP Attack, HTTP Attack, DNS Attack, ICPM Attack, TCP/IP Attack, DOS and DDOS Attack, TelNet Attack. Signatures: Default (5000+), Custom , IPS Policies: Multiple, Custom, User-based policy creation, Automatic real-time updates from CR Protect networks, Protocol Anomaly Detection.		
Web Application Firewall (WAF)			
Should have an option of WAF with Positive Protection Module, Protection against SQL Injections, Cross Site Scripting (XSS), Session Hijacking, URL tampering, Cookie Poisoning, Reverse Proxy, Dual AV Engine, Extensive Logging and reporting. If external, then has to be quoted separately.			
Advance Threat Protection			
Advanced Threat Protection (Detect and block network traffic attempting to contact command and control servers using multi-layered DNS, AFC, and firewall)			

VPN		
IPsec, L2TP, PPTP and SSL as a part of Basic Appliance, VPN redundancy, Hub and Spoke support, 3DES, DES, AES, MD5,SHA1 Hash algorithms, IPsec NAT Transversal.		
Monitoring and Reporting System		
Includes Web Based reporting, Monitoring & Logging, Monitoring suspicious activity and alerts, Graphical real-time and historical monitoring, email notification of reports, viruses and attacks reports. IPS, Web filter, Antivirus, Anti-spam system reports. IP and User basis report, various Compliance reports and 1000+ drilled down reports on the appliance.		
License for UTM (Unified Threat Management)		
Five Year round the clock support for Base Firewall with VPN, Routing, WAN Link Load Balancing, Traffic Shaping & Quota, Wireless, Authentication, etc, Network Protection Subscriptions (IPS, RED/HTML5, ATP, Anti-malware), Web Protection Subscriptions (URL, AppCtrl, Web/App Traffic Shaping), Email Protection Subscriptions(Anti-Spam, AV, Encryption, DLP), Web Server Protection Subscriptions (WAF, Reverse Proxy).		

PoE Layer-2, 24 port Network Switch		
4	24 nos. of 10/100/1000 Base - T Gigabit Port Layer 2 managed POE switch with 2SFP, 120W POE budget, RJ45/ micro USB console port, SNMP v2 and v3, LACP, 4K Vlan, built-in Power supply, Rack mountable, CE, FCC The OEM should have ISO 9001:2008 and ISO 14001:2004 certificate for Manufacturing	

24 Port Cat-6 Jack / Patch Panel with I/Os		
5	Category Cat6 No. of Ports 24 Ports Features I/Os Individually replaceable Built-in Shutter Rear Cable Manager, Rack Mountable	

600 VA Line Interactive UPS (with 15 minutes Battery backup)		
6	General	Single Phase Input & Single Phase Output
		Line Interactive UPS with AVR & PWM Technology for computers suitable for single Phase AC input voltage
		UPS shall be housed in rugged enclosure made of M.S. Sheet 1.2 mm (minimum) thick, aesthetically finished, duly pre-treated and powder coated or ABS body.
		UPS shall be free from workmanship defects, sharp edges, nicks, scratches, burs etc. All fasteners shall be fixed properly. The equipment shall be complete with all parts and all parts shall be functional
	Switching Device	Switching Device shall be MOSFET or IGBT
		Switching frequency shall be above 50 Hz
	Transfer time	Switching over time from AC mains to UPS mode on power failure shall be Max. 10 milliseconds
	Input	160 V – 280 V, 50 Hz +/- 3 Hz , single phase AC
	Output	
	AC Mode	AVR Output voltage in AC mode; 180-255 V ; 50 Hz +/- 3 Hz
	Battery Mode	UPS Output voltage in battery mode; 230 V +/- 8%, 50 Hz +/- 3 Hz load power factor of not less than 0.6 lagging
	Overload	UPS shall withstand 5% overload
	Protections	If input voltage goes outside the range 160V-280V, the system shall switch over to UPS mode
	Over Voltage, short circuit and overload at UPS output terminal, no load shut down. Cold start	

		Under voltage at battery terminal, Battery over charge		
	Indicators and meters	Mains presence, UPS mode, Battery low, overload		
	Battery details			
	Battery Type	Sealed Maintenance Free (VRLA) Built-in		
	Battery make	Exide/Quanta/CSB/Panasonic /Yuasa (Battery Sr. No on OEM Letter Head with Warranty Assurance of 1 years)		
	Minimum Battery AH	600 VA UPS – 84 VAH – 15 minutes Battery Back Up		
		The Manufacturer of the product (OEM) should be ISO 9001:2008 Process Certified for manufacturing		

9 U Rack

7	9 U wall mounting rack – Rigid frame that can be fixed to the wall, 19” Adjustable rails in the front and rear, Front section with glass door and lock, Top and bottom cable entry facility, Cable managers, Earth continuity kit, Steel powder coated cabinet (Bidder has to carry out installation/fixing)		
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1 Mtr. Cat-6 Factory Crimped Patch Cord

8	Factory Crimped Cat6 UTP Patch cord with 24 AWG 7/32 Round stranded copper wire.		
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2 Mtr. Cat-6 Factory Crimped Patch Cord

9	Factory Crimped Cat6 UTP Patch cord with 24 AWG 7/32 Round stranded copper wire.		
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Cat 6 UTP cable with laying (in meter)

10	Category Cat6 Conductor 23AWG, Solid Bare Electrolytic Grade Copper Outer Sheath FRPVC Insulation HDPE Splitter X-Shaped Spine separator Tested Frequency 250Mhz Standards		
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Other Components

11	Cat 6 UTP Surface Single Shutter outlet with I/O Module and back box		
12	25 mm PVC Pipe/ 25 mm PVC cap on casing in mtr.		

Section 6

Price Bid Format

Sr. No.	Item	Qty. (In Nos.)	Unit Price with 5 Year Warranty (In Rs.) (Without Tax)	Total Price with 5 Years Warranty (In Rs.) (Without Tax)	Rate of GST (%)
A	B	C	D	E = (C*D)	H
1	Wireless Controller	1			
2	Outdoor Access Point	50			
3	Firewall	1			
4	PoE Layer-2, 24 port Switch	7			
5	24 Port Cat-6 Jack / Patch Panel with I/Os	7			
6	600 VA UPS (with 15 Minutes battery backup)	7			
7	9 U Rack	7			
8	1 Mtr. Cat-6 Factory Crimped Patch Cord	60			
9	2 Mtr. Cat-6 Factory Crimped Patch Cord	60			
10	Cat 6 UTP cable with laying (in meter)	3050*			
11	Cat 6 UTP Surface Single Shutter outlet with I/O Module and back box	120			
12	25 mm PVC Pipe/ 25 mm PVC cap on casing in mtr.	1525*			
Grand Total					

Note:

1. Rate to be filled should be inclusive of Packing/ Forwarding, Insurance, FOR destination (anywhere in the Gujarat state) and with applicable warranty. GST needs to be shown separately.
2. Financially L1 bidder will be decided from the sum total of prices for all line items without tax with 5 years warranty.
3. * (star) qty. mentioned above is estimated and for evaluation purpose only. However, at the time of the implementation, the actual qty. will be taken into account/purchased at the finalized rates and payment will be made on actual work carried out.

Section – 7

Performa of Compliance letter/Authenticity of Information Provided

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

Date:

To,
DGM(Tech.)
Gujarat Informatics Ltd.
Block No.2, 2nd Floor, Karmayogi Bhavan,
C & D Wing, Sector – 10 A, Gandhinagar.

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

Ref: RFP.NO. GIL\GIDM\Wi-Fi System\2018-19 dated 08.02.2019

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.2019**.

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

2nd Floor, Block -2, Karmayogi Bhavan,

C & D Wing, Sector – 10 A, Gandhinagar – 382017

Gujarat, India.

Whereas ----- (here in after called “the Bidder”) has submitted its bid dated ----- in response to the RFP.NO. GIL\GIDM\Wi-Fi System\2018-19 dated 08.02.2019 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.
 - (v) If the successful bidder fails to submit the Performance Bank Guarantee & sign the Contract Form within prescribed time limit, the EMD of the successful bidder will be forfeited. GIL also reserves the right to blacklist such bidder from participating in future tenders if sufficient cause exists.

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

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

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

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

Dated at _____ on this _____ day of _____ 2019.

Signed and delivered by

For & on Behalf of

Name of the Bank & Branch &
Its official Address

(Approved Bank: All Nationalized Bank including the public sector bank or banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time)

Section – 8

Performa of Contract-cum-Equipment

Performance Bank Guarantee

(To be stamped in accordance with Stamp Act)

Ref:

Bank Guarantee No.

Date:

To

Name & Address of the Purchaser/Indenter

Dear Sir,

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

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

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

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

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

Dated at _____ on this _____ day of _____ 2019.

Signed and delivered by

For & on Behalf of

Name of the Bank & Branch &
Its official Address

List of approved Banks

Approved Bank: All Nationalized Bank including the public sector bank or banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time

CONTRACT FORM

THIS AGREEMENT made on the _____ day of _____, 2019 ____ Between _____ (Name of purchaser) of _____ (Country of Purchaser) hereinafter "the Purchaser" of the one part and _____ (Name of Supplier) of _____ (City and Country of Supplier) hereinafter called "the Supplier" of the other part :

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

TOTAL VALUE:

DELIVERY SCHEDULE:

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

Signed, Sealed and Delivered by the

Said _____ (For the Purchaser)

in the presence of _____

Signed, Sealed and Delivered by the

said _____ (For the Supplier)

in the presence of _____

Section – 9 Annexure

Bid Processing Fees & Earnest Money Deposit Details:

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

ELIGIBILITY CRITERIA

Form no. E1: Financial strength of the bidder:

Financial Year	Turnover (Rs. In Crores)	Audited Accounts Submitted. (Yes/No)

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

Form no. E2: Office in GUJARAT:

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

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

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

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

Note: Please fill this form and upload necessary supporting documents like copies of purchase order / contract agreement and completion certificate for each of project details mentioned, as a proofs in the eligibility section.

Form no. E4: Bidder's Experience of executing Wi-Fi System Project:

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

Note: Please fill this form and upload necessary supporting documents like copies of purchase order / contract agreement and completion certificate for each of project details mentioned, as a proofs in the eligibility section.

Form no. E5: Authorization Letters:

Item	Make & Model	Name of OEM	Authorization Certificate Attached
Wireless Controller			
Outdoor Wi-Fi Access Point			
Firewall			
PoE Layer-2, 24 port Switch			
24 Port Cat-6 Jack / Patch Panel with I/Os			
600 VA UPS (with 15 Minutes battery backup)			
9 U Rack			
1 Mtr. Cat-6 Factory Crimped Patch Cord			
2 Mtr. Cat-6 Factory Crimped Patch Cord			
Cat 6 UTP cable with laying (in meter)			

Note: Please upload necessary supporting proofs in eligibility section.