

RFP Document

NAME OF WORK: REQUEST FOR PROPOSAL (RFP) FOR SUPPLY, INSTALLATION, COMMISSIONING, OPERATIONS & MANAGEMENT OF SACHIVALAYA CAMPUS WI-FI NETWORK CONNECTING TO SCAN (SACHIVALAYA CAMPUS AREA NETWORK) AT ALL THE BLOCKS OF SACHIVALAYA CAMPUS IN GANDHINAGAR, GUJARAT.

RFP NO.: GIL/DST/WIFI/2014-15

DATE: 10/03/2015

| |
|--|
| <p>CLIENT: DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF GUJARAT.</p> <p>Pre Bid Meeting: 17/03/2015, 1500 hrs</p> <p>Venue: GIL conference room, Block No. 1, 8th Floor, Udhyog Bhavan, Sector-11, Gandhinagar-382010</p> <p>Bid Due Date: 30/03/2015, up to 1700 Hrs.</p> <p>EMD & Bid Processing fees submitted at: Gujarat Informatics Ltd, Block No. 1, 8th Floor, Udyog Bhavan, Sector-11, Gandhinagar-382010 E-mail: viveku@gujarat.gov.in</p> <p>Un-price Bid Opening date& Venue: 31/03/2015 at 1500 hrs. Block No. 1, 8th Floor, Udyog Bhavan, Sector-11, Gandhinagar-382010,</p> <p>Bidding Agency Address: Gujarat Informatics Limited Block No. 1, 8th Floor, Udyog Bhavan, Gandhinagar-382010 Phone : (079)23256022 Fax: 23238925 E-mail: viveku@gujarat.gov.in Website: www.gujaratinformatics.com</p> |
|--|

NOTE: Please address all queries and correspondence to:

DGM (Tech)
Gujarat Informatics Limited,
8th Floor, Block No.1, Udyog Bhavan,
Gandhinagar 382010,
Phone:(079)-23256022
E-mail: viveku@gujarat.gov.in

Proposal in the form of BID is requested for the item(s) in complete accordance with the documents/attachments as per following guidelines.

- ✓ Bidder shall upload their bids on <https://www.gil.nprocure.com>.
- ✓ The Bid Security and non-refundable bid processing fees in a separate sealed envelope super scribed with the bid document number to GIL office.
- ✓ The bid shall specify time schedule of various activities.
- ✓ Bids complete in all respects should be uploaded on or before the BID DUE DATE.
- ✓ 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. However, GoG reserve the right to revised financial offer.
- ✓ Bidder shall quote the prices of services as mentioned valid for **180 days**.
- ✓ The duration of the Contract period for this activity will be of **5 years**.
- ✓ In addition to this RFP, the following sections attached are part of Bid Documents.

| | |
|-------------|---|
| Section – 1 | Project Profile |
| Section – 2 | Eligibility Criteria |
| Section – 3 | Scope of Work |
| Section – 4 | Technical Bid Specifications |
| Section –5 | Instructions to Bidders |
| Section –6 | Price Bid |
| Section – 7 | Performa for Performance Bank Guarantee |

Instruction to the bidders for online bid submission:

- Tender documents are available only in electronic format which Bidders can download free of cost from the website www.gujaratinformatics.com and <https://gil.nprocure.com>.
- The bids have been invited through e-tendering route i.e. the eligibility criteria, technical and financial stages shall be submitted online on the website <https://gil.nprocure.com>.
- 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.
- In case of any clarifications required, please contact DGM (Tech), GIL in writing 5 days before the Pre-Bid meeting date.

IMPORTANT DATES

Supply, Installation, Commissioning and Management of Sachivalaya Campus Wi-Fi Network connecting to scan (sachivalaya campus Area Network) at all the blocks of new sachivalaya campus in Gandhinagar, Gujarat.

| | | |
|-----|--|--|
| 1. | Contract Period | 5 Years |
| 2. | Delivery | Installation, Commissioning and implementation of the proposed system within 60 calendar days from the date of the Acceptance of Lol/ PO. |
| 3. | Pre bid meeting | 17/03/2015 at 1500 hrs |
| 4. | Bid Due date | 30/03/2015 up to 1700 hrs |
| 5. | Date of Opening of Un-priced bid | 31/03/2015 at 1500 hrs |
| 6. | Date & Time of opening of Technical & Commercial stage | Will be intimated to the qualified bidders at a later date. |
| 7. | Venue of opening of Technical & Commercial Bid/s | Gujarat Informatics Limited, Block No. 1, 8th Floor, Udyog Bhavan, Gandhinagar-382010 |
| 8. | Bid Processing Fees (Non-refundable) | Rs.5,000/- (Rupees five Thousand Only) |
| 9. | Bid security (EMD) | Rs.25,00,000/- (Rupees Twenty Five Lacs Only) |
| 10. | GIL Contact person | DGM (Tech) |

DEFINITIONS

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

1. **“Acceptance Test (AT)”** means the acceptance testing of the network links commissioned for GSWAN at SC, all DC and all TC.
2. **“Acceptance Test Document”** means a document, which defines procedures for testing the Gujarat State Wide Area Network against requirements laid down in the Agreement.
3. **“Affiliate”** shall mean any holding company or subsidiary company of a part to the Agreement or any company, which is subsidiary of such a holding company. The expressions "holding company" and “subsidiary company” shall have the meaning specified in section 4 of the Companies Act 1956 (as amended from time to time).
4. **“Agreement”** means the Service Level Agreement to be signed between the successful bidder and GoG 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.
5. **“Authorized Representative/ Agency”** shall mean any person/ agency authorized by either of the parties.
6. **“Bidder”** means any bandwidth provider who has a license (valid for a period of 5 years from the date of submission of the bid) to establish, maintain & operate bandwidth services in the state of Gujarat, required as per the RFP. 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 GoG signs the Service Level Agreement for executing the GSWAN project.
7. **“Center”** means State Data Centre.
8. **“Contract”** is used synonymously with Agreement.
9. **“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.
10. **“Default Notice”** means the written notice of Default of the Agreement issued by one Party to the other in terms hereof.
11. **“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 GoG of the benefits of free and open competition.
12. **“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. If the bidder is an ISO 9001:2000 certified, good industry standard are assured to be Request for Proposal: Bandwidth Services for GSWAN, followed by the bidder.
13. **“GoI”** shall stand for Government of India.
14. **“GoG”** shall stand for Government of Gujarat.
15. **“DST”** shall stand for Department of Science and Technology.
16. **“Implementation Period”** shall mean the period from the date of signing of the Agreement and up to the issuance of Final Acceptance Certificate of GSWAN.
17. **“Interest rate”** means 364 days Government of India (GoI) Treasury Bills’ rate.
18. **“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 agency.

19. "**LoI**" means Letter of Intent, which constitutes the intention of the GoG to place the Purchase Order with the successful bidder.
20. "**LOA**" shall mean Letter of Award of work issued by GoG to the successful bidder. LOA will be issued after the successful bidder gives his acceptance to the LoI.
21. "**Operator**" means the entity/company providing the services / executing the GSWAN project under the Agreement and is used synonymous with Bidder/Successful Bidder. Request for Proposal: Bandwidth Services for GSWAN.
22. "**Period of Agreement**" means 5 years period starting with the commissioning of Last leased line link of GSWAN network. The bidder will be engaged by GoG to provide leased line connectivity to all PoPs for period of 5 years.
23. "**Planned link Outage**" means unavailability of network services due to infrastructure maintenance activities such as configuration changes, up-gradation or changes to any supporting infrastructure.
24. "**Request for Proposal**", means the detailed notification seeking a set of solution(s), services(s), materials and/or any combination of them.
25. "**Requirements**" shall mean and include schedules, details, description, statement of technical data, performance characteristics, standards (Indian as well as International) as applicable and specified in the Agreement.
26. "**Site**" means the location(s) for which the Contract will be signed and where the service shall be provided as per agreement.
27. "**SDC**" means State Data Center or any location where the State Network Center is required to be established.
28. "**Service**" means provision of Contracted service viz., operation, maintenance and associated services for GSWAN.
29. "**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 GoG. The network 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 network is considered as operational when all centers at all tiers/ levels are working, providing all/ specified services as mentioned in full capacity at all locations in the network.
30. "**Third Party Agency**" means any agency, if/as appointed by state government for monitoring the GSWAN during commissioning and operation.
31. "**Termination Notice**" means the written notice of termination of the Agreement issued by one Party to the other in terms hereof.
32. "**Unplanned link Outage**" means an instance other than the planned link outage in which no traffic can pass on the selected link through which departments are connected to GSWAN backbone.
33. "**Uptime**" means the time period when specified services with specified technical and service standards as mentioned in Section-5 are available to GoG and its user organizations. The uptime will be calculated as follows:
Total time in a quarter (in minutes) less total Service Down time (in minutes) in the quarter.
34. "**% Uptime**" means ratio of 'up time' (in minutes) in a quarter to Total time in the quarter (in minutes) multiplied by 100.
35. "**GSWAN – Gujarat State Wide Area Network**" is IT Backbone of the state of Gujarat.
36. "**SCAN** – Sachivalaya Campus Area Network.

SECTION: 1

PROJECT PROFILE

SECTION: 1

PROJECT PROFILE

Using latest and state-of-the art technology, The Government of Gujarat (GoG) has established Sachivalaya Campus Area Network (SCAN) to improve the administrative efficiency in the Sachivalaya Campus. The SCAN is envisaged as the backbone network for data, video and voice communications throughout the Sachivalaya campus, for the Government operations. SCAN has modernized the communication set up for Intra-Government and Government-Citizen services. SCAN has a suitable topology, uses state-of-art technologies and has flexibility to expand. All Government communication and IT infrastructure is linked to SCAN.

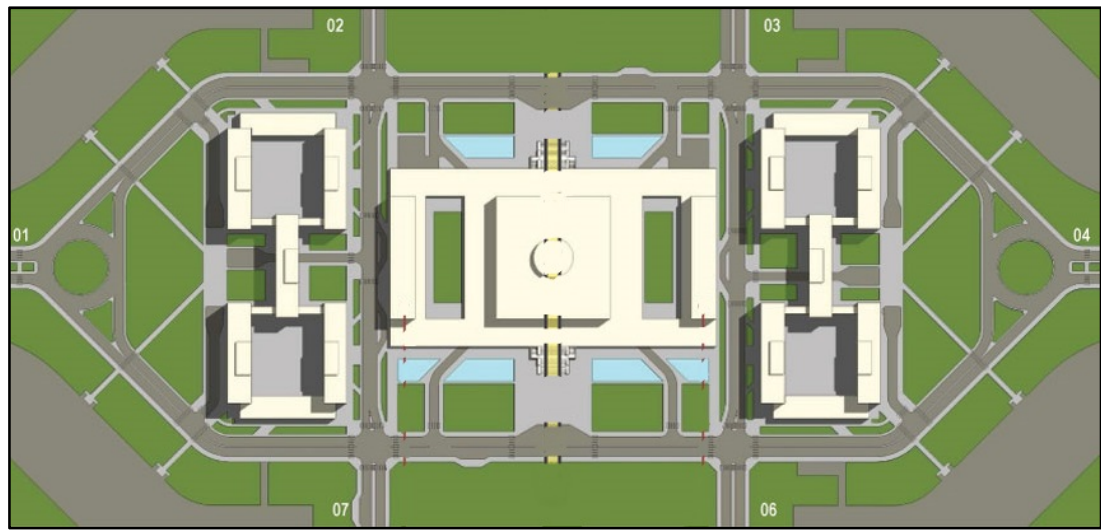
SCAN links all Government offices at the State Secretariat (Sachivalaya), Gandhinagar; Current SCAN has been implemented to provide Data / Voice / Video services to various designated offices at Sachivalaya Campus. The key applications envisaged on the network are Internet, Video Conferencing, Voice and Data Communication, Intranet Operation.

Gujarat Informatics Limited (GIL), on behalf of Department of Science and Technology, Government of Gujarat is issuing Short Term Request for Proposal (RFP) For Supply, Installation, Commissioning, Operations & Management of Sachivalaya Campus Wi-Fi Network connecting to SCAN (Sachivalaya Campus Area Network) at all the blocks of Sachivalaya campus in Gandhinagar, Gujarat.

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 Sachivalaya campus and to integrate it with existing SCAN Infrastructure.

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 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 on or before the last date and time of submission of the bid.

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.



Aerial view of Sachivalaya Campus

SECTION: 2
ELIGIBILITY CRITERIA

SECTION: 2

ELIGIBILITY CRITERIA

| S. No | Basic Requirement | Specific Requirements | Documents Required | Supporting Document uploaded or not? (Yes/ No) |
|-------|------------------------------|---|--|--|
| 1 | Experience of the Bidder | Bidder should be an established IT Hardware or Networking System Integrator and should have been engaged in similar IT projects/solutions business for a period of at least five years as on 31.12.2014 | Work Orders/ Client Certificates confirming year and area of activity should be Enclosed. | |
| 2 | Sales Turnover of the Bidder | Annual Sales Turnover generated from services related to System Integration and Services of Networking and Data products during each of the last three financial years as on 31 December 2013(as per the last published Balance sheets), should be at least Rs. 15 crore. (Form A) This turnover should be on account of revenue generated from Supply, Installation and Commissioning of Routers, Switches, LAN, WAN, Wi-Fi products and services. | Extracts from the audited Balance sheet and Profit & Loss; AND Self-Declaration Certificate | |
| 3 | Capability of the Bidder | Bidder must have successfully completed at least the following numbers of Campus Wi-Fi systems of value specified herein (Form B) : - Two projects of similar nature for not less than 200 Access Points (AP) in a single Campus (in Government, PSUs, Educational Institutes and Large reputed organization in India); OR - Four projects of similar nature for not less than 100 Access Points (AP) (in Government, PSUs, Educational Institutes and Large reputed organization in India) | Successful work Completion Certificates from the client; AND Work Order + Certificate of Completion | |
| 4 | Legal Entity | Bidder Should be Company registered under Companies Act, 1956 and Registered under the Service Tax Act. The Bidder should be into WAN, LAN System Integration and Network Services business for 5 years as on 31 Dec 2014 | Certificates of incorporation AND Self-Declaration Certificates | |

| | | | | |
|----|---------------------------------|--|---|--|
| 5 | Blacklisting | Bidder shall not be blacklisted by any GoG department and its Agencies, PSUs, reputed organizations in Gujarat. | A Self Certified letter | |
| 6 | Presence | The Bidder should have a Permanent Office in Gujarat preferably in Ahmedabad or Gandhinagar or should setup in 30 days from award of Work Order. | A Self Certified letter | |
| 7 | Bidder Certifications | The bidder should hold following certifications valid on the date of bid: a) ISO-27001 | Copy of valid certificates. | |
| 8 | Authorization | The Bidder should be authorized by the Original Equipment Manufacturer (OEM) to quote its product and its solution in this bid | Authorization Letter from OEM | |
| 9 | OEM Certifications and Presence | The Original Equipment Manufacturer of the product (OEM) should be ISO 9001:2008 Certified for Networking Products. The OEM should have existence in India for similar category of products for Last 5 Years. | Copy of the Certificate and necessary document should be enclosed from OEM. | |
| 10 | Solution | All Core components of the Wi-Fi solution mainly Controller, Access Points, Radius Server should be from single OEM. | Authorization Letter from the OEM and Self-Declaration Letter. | |
| 11 | Support from OEM | All the equipment proposed should not be declared End of Support by OEM till at least 5 years from Date of Bidding. | Confirmation from OEM signed by authorized signatory (Copy of Power of attorney should be enclosed) | |

Note: All the details should be uploaded in Eligibility Criteria Section of the bid as per given format. If the bidder does not meet the eligibility criteria his bid will be rejected and no further evaluation will be done.

SECTION: 3
SCOPE OF WORK

SECTION: 3

SCOPE OF WORK

Architecture

- Gujarat Informatics Ltd. (GIL) on behalf of Department of Science and Technology, Government of Gujarat intends to enable New Sachivalaya as Wi-Fi enabled campus covering the areas as per detail provided in below:
 - All the 14 Blocks of New Sachivalaya Campus
 - VidhanSabha Campus
 - All the Blocks of Old Sachivalaya Campus

- New Blocks in Sachivalaya (Swarnim Sankul – 1&2) are already Wi-Fi enabled. The bidder would be responsible to take into account with proposed setup.

- 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 Sachivalaya based on well-defined access policy.

- The System should support seamless roaming within the campus for users with mobile devices such as smart phones and tablets.

- The network should support the user devices with 2.4 GHz as well as 5 GHz frequency band at the same time.

- It should be possible to manage the Wi-Fi network from a central location preferably State Data Centre, through the wireless management system. The management system should support unified wired and wireless network management, and BYOD (Bring your own device) solution.

- It should be possible to configure and deploy access points (APs) remotely through a Wireless controller.

- System should support multiple VLANs to support users with different privileges.

- Bidder shall provide complete network diagram including detailed technical documentation and detailed Project Plan for all the locations mentioned.

- Every concurrent user should effectively get at least 2 Mbps bandwidth between his device and Access Point at all the locations.

- The Architecture of the system should support scalability to support future expansions – subsequent project phases and increased user density.

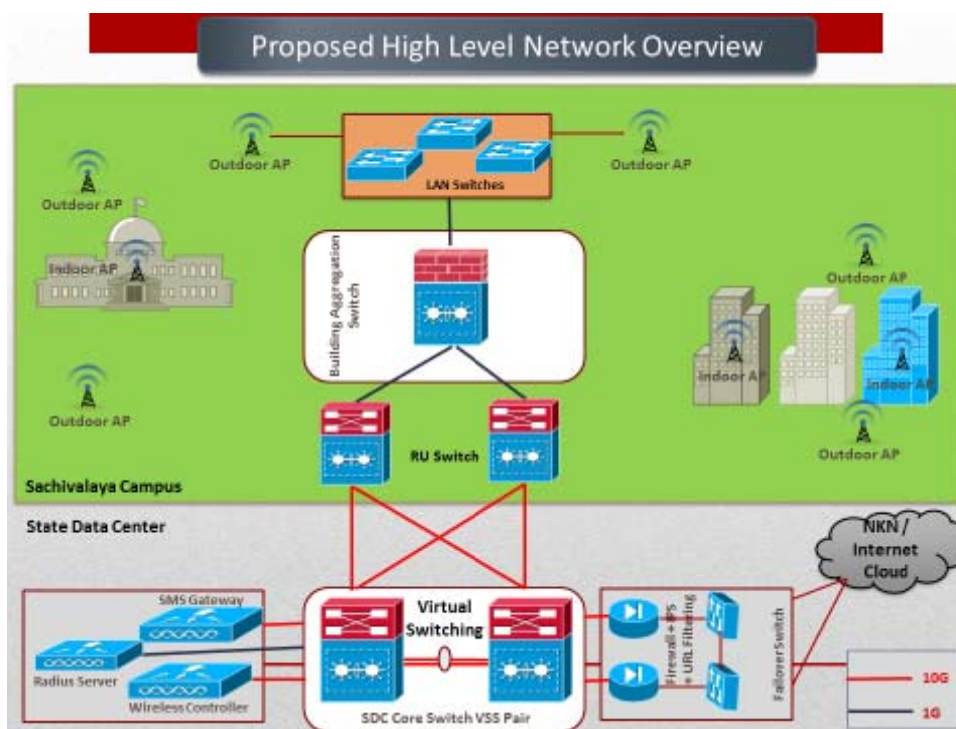
Security

- The entire Wi-Fi network should be fully secure and multiple authentication mechanisms should be implemented by the successful bidder.
- Every user should get access to only those services for which they are authorized.
- The successful bidder has to configure the system on Rule based Access Rights.
- 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.
- A Secure Guest Portal would be configured for Guest User Access if reqd.
- Wireless Intrusion Prevention System (WIPS) has to be deployed to prevent Intrusion into the wireless network.
- **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

- 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.
- 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 of SCAN network. All core centralized equipment would be centrally placed at SDC. Space would be provided to bidder by GoG. Bidder has to undertake necessary LAN and power cable connectivity to ensure system operations during the entire contract period. GoG will provide necessary support from GSWAN and SDC teams for the same.
- 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. GoG will only provide switch ports in the Access Switch of SCAN and at Core Switch at SDC.

- 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'.
- The successful bidder will Design and present the complete solution along with installation plan.
- 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.
- 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.
- The successful bidder will have to deploy at least two on-site qualified Engineers during the contract period to ensure smooth operations.
- The Onsite Engineers deployed by the Bidder would be solely responsible for smooth on boarding of new users such as Guests, Day to day management of the entire system, Life cycle management of temporary users, etc.

SECTION: 4
TECHNICAL BID SPECIFICATIONS

SECTION: 4

TECHNICAL SPECIFICATIONS

4.1 - Indoor Access Point (Type -I)

| S. No | Specifications | Description | Matched/Not Matched | Deviation / Remarks |
|-------|--|---|---|---------------------|
| 1 | Hardware Type | Access Points proposed must include radios for both 2.4 GHz and 5 GHz. The same Access Point must also include 2 no's of 10/100/1000 Base-T auto sensing RJ45 based Ethernet ports. | | |
| 2 | 802.11ac& 802.11n standard compliance | Must support 3X3 multiple-input multiple-output (MIMO) | | |
| 3 | | Must support 802.11ac on 5Ghz Radio &802.11n on both 2.4Ghz radios. | | |
| 4 | | Must support data rates up to 860Mbps on 5Ghz radio. | | |
| 5 | | Must support 40 & 80 MHz wide channels in 5 GHz. | | |
| 6 | | Must support 22dbm of transmit power for both 2.4Ghz and 5Ghz radios. | | |
| 7 | | RF | Must support AP enforce load-balance between 2.4 GHz and 5Ghz band. | |
| 8 | Must incorporate radio resource management for power, channel, and coverage hole detection and performance optimization. | | | |
| 9 | Roaming | Must support Proactive Key Caching and/or other methods for Fast Secure Roaming. | | |
| 10 | Security | Should support locally significant certificates on the APs using a Public Key Infrastructure (PKI). | | |
| 11 | | Should be able to operate as a sensor for wireless IPS. | | |
| 12 | Encryption | Access Point must support a distributed encryption/decryption model. | | |
| 13 | Monitoring | Must support the ability to serve clients and monitor the RF environment concurrently. | | |
| 14 | | Same model AP that serves clients must be able to be dedicated to monitoring the RF environment. | | |
| 15 | Flexibility | Must support 16 WLANs per AP for SSID deployment flexibility. | | |
| 16 | Power | Must support Power over Ethernet, local power, or power injectors/adaptor. | | |

4.2 - Indoor Access Point (Type -II)

| S. No | Specifications | Description | Matched/ Not Matched | Deviation / Remarks |
|-------|--|---|----------------------|---------------------|
| 1 | Hardware Type | Access Points proposed must include radios for 2.4 GHz and 5 GHz with 802.11ac Wave 1. The same Access Point must also include 2 no's of 10/100/1000 Base-T auto sensing RJ45 based Ethernet ports. | | |
| 2 | 802.11ac & 802.11n standard compliance | Must support 3X3 multiple-input multiple-output (MIMO) with THREE spatial streams. | | |
| 3 | | Must support simultaneous 802.11n on both the 2.4 GHz and 5 GHz radios. | | |
| 4 | | Must support 802.11ac Wave 1 on the integrated 5-GHz radio. | | |
| 5 | | Must support data rates up to 450Mbps on 2.4 GHz and 1.3 Gbps on 5 GHz. | | |
| 6 | | Must support up to 22 dbm of transmit power in both 2.4GHz and 5GHz radios. | | |
| 7 | RF | Should support detecting and classifying non-Wi-Fi wireless transmissions while simultaneously serving network traffic. | | |
| 8 | | Should support configuring the access point as network connected sensor to access any network location covered by the access point to get real-time Spectrum analysis data. | | |
| 9 | Roaming | Must support Proactive Key Caching and/or other methods for Fast Secure Roaming. | | |
| 10 | Security | Should support locally significant certificates on the APs using a Public Key Infrastructure (PKI). | | |
| 11 | | Should be able to operate as a sensor for wireless IPS. | | |
| 12 | Encryption | Access Point must support a distributed encryption/decryption model. | | |
| 13 | Monitoring | Must support the ability to serve clients and monitor the RF environment concurrently. | | |
| 14 | | Same model AP that serves clients must be able to be dedicated to monitoring the RF environment. | | |
| 15 | Flexibility | Must support 16 WLANs per AP for SSID deployment flexibility. | | |
| 16 | Power | Must support Power over Ethernet, local power, or power injectors/adaptor. | | |
| 17 | | Must operate at 3x3 or higher with 802.3af PoE as the source of power. | | |

4.3 - Outdoor Access Point

| S. | Specifications | Description | Supporting |
|----|----------------|-------------|------------|
|----|----------------|-------------|------------|

| No | | | Matched/ Not Matched | Deviation / Remarks |
|----|-----------------------------------|---|----------------------------|------------------------|
| 1 | Hardware Type | Access Points proposed must include radios for 2.4 GHz and 5 GHz. | | |
| 2 | | Access Point must support signal rejection for 3G/LTE/WiMAX in a co-Located environment. | | |
| 3 | 802.11n standard compliance | Must support 2X2 multiple-input multiple-output (MIMO) with TWO spatial streams. | | |
| 4 | | Must support simultaneous 802.11n on both the 2.4 GHz and 5 GHz radios. | | |
| 5 | | Must support data rates up to 300 Mbps. | | |
| 6 | | Must support 40 MHz wide channels in 5 GHz. | | |
| 7 | | Must support up to 26dbm or more of transmit power in both 2.4GHz and 5 GHz radios. | | |
| 8 | | Should support controller based and autonomous operations. | | |
| 9 | RF and Meshing | Access Point should support Wireless Backhaul, point-to-point, point-to-multipoint bridging. | | |
| 10 | | Should support Encrypted and authenticated connectivity between all backhaul components | | |
| 11 | | Must incorporate radio resource management for power, channel, coverage hole detection and performance optimization | | |
| 12 | Environmental and Power | Access point shall support powering from AC Adapter, DC and POE+ (802.3at+). | | |
| 13 | | Access Point must support any type of antennas for outdoor deployment. | | |
| 14 | | Access point shall support pole, wall, and roof mounting options. | | |
| 15 | | Geographic orientation/Mounting flexibility – tilt angle for pole, wall, and roof mounting units. | | |
| 16 | | The Access point shall be IP67 rated for dust and water Ingress protection. | | |
| 17 | | The Access point shall be rated for operation over an ambient temperature range of -10° to 65°C (-22° to 149°F) | | |
| 18 | | Access Point antenna's & power adaptors/injectors must be from the access point OEM itself. | | |

4.4 – Wireless Controller

| S. No | Specifications | Description | Matched/ Not Matched | Deviation / Remarks |
|-------|-------------------|---|----------------------|---------------------|
| 1 | Standards | WLAN Controller should support minimum of 5000 Access points in a single 1 RU chassis .If any OEM/Bidder can't provide WLAN controller to support 5000 AP in single RU form factor, multiple controllers must be proposed to meet the requirement from day one. Proposed controller should support N+N redundancy from day one | | |
| 2 | | WLAN Controller should support minimum 30,000 Clients per chassis. | | |
| 3 | | WLAN Controller should have two or more 10 Gigabit Ethernet interfaces. | | |
| 4 | | WLAN Controller should support 4000 VLANs for large-scale deployments. | | |
| 5 | Compatibility | Must not require a separate controller for Wireless Intrusion Prevention Access Points. | | |
| 6 | High Availability | Must support state full failover for all the clients from primary to backup WLC to prevent any client downtime and Client re-association is avoided. | | |
| 7 | | Must support redundant power supplies and fans. | | |
| 8 | RF Management | Must support an ability to dynamically adjust channel and power settings based on the RF environment. | | |
| 9 | | Radio coverage algorithm must allow adjacent APs to operate on different channels, in order to maximize available bandwidth and avoid interference. | | |
| 10 | | Must support interference detection and avoidance for both Wi-Fi and non-Wi-Fi interferes | | |
| 11 | | Must support coverage hole detection and correction that can be adjusted on a per WLAN basis. | | |
| 12 | | Must support RF Management with 40 & 80 MHz channels with 802.11n and 802.11ac respectively. | | |
| 13 | IPv6 Features | WLC should support L2 and L3 roaming of IPv6 clients | | |
| 14 | | WLC should support IPv6 access control lists | | |
| 15 | | WLC should support Guest-access functionality for IPv6 clients | | |
| 16 | Security | Should adhere to the strictest level of security standards, including 802.11i Wi-Fi Protected Access 2 (WPA2), WPA, Wired Equivalent Privacy (WEP), and 802.1X with multiple Extensible Authentication Protocol (EAP) types, including Protected EAP (PEAP), EAP with Transport Layer Security (EAP-TLS), EAP with Tunneled TLS (EAP-TTLS). | | |
| 17 | | Should have WIPS for all access points to detect DOS(denial of service) and contain offending device | | |
| 18 | | The Controller should support a capability to shut / block WLAN client in collaboration with wired IPS on detecting | | |

| | | | | |
|----|---------------|---|--|--|
| | | malicious client traffic. | | |
| 19 | | Controller should have rogue AP detection, classification, location and automatic containment from day one | | |
| 20 | | Controller should provide profiling of devices based on protocols like HTTP, DHCP and more to identify the end devices on the network | | |
| 21 | Functionality | Must be able to set a maximum user bandwidth limit on a per-SSID basis. | | |
| 22 | | Must support user load balancing across Access Points. | | |
| 23 | | Controller must provide Mesh capability for Mesh supported AP. | | |
| 24 | Monitoring | Must be able to dedicate some APs to monitor-only for Intrusion Prevention Services. | | |
| 25 | Roaming | Must support client roaming across controllers separate by a layer 3 routed boundaries. | | |
| 26 | Operational | Must support AP over-the-air packet capture for export to a tool such as Wireshark. | | |
| 27 | | Should support the ability to schedule AP power on/off for energy savings. | | |
| 28 | | Should be able to classify over 20 different types of interference within 5 to 30 seconds. | | |
| 29 | | Should provide a snapshot of air quality in terms of the performance and impact of interference on the wireless network identifying the problem areas. | | |
| 30 | | Controller should offer access point licensing in pack of 100. | | |
| 31 | | Should provide an Air Quality rating on a per- radio basis to help gauge the impact of interference on the network. | | |
| 32 | QoS | Should have Voice Call Admission. | | |
| 33 | | Support for configuring media streams with different priority to identify specific video streams for preferential quality-of-service treatment. | | |
| 34 | | Controller should have deep insight into Layer 4-7 traffic for user for all traffic across the network to analyze information about applications usage, peak network usage times for all access points. | | |

4.5 – Firewall + IPS

| S. No | Specifications | Description | Matched/ Not Matched | Deviation / Remarks |
|-------|-----------------------|--|----------------------|---------------------|
| 1 | Hardware Architecture | The appliance based security platform should be capable of providing firewall, IPS and VPN (IPSec and SSL) functionality simultaneously from day one. Bidders can position external hardware boxes but they need to comply with the technical specification. | | |
| 2 | | The appliance should support at least ten 10/100/1000 Gigabit ports with Four 10 Gigabit ports from Day one. | | |

| | | | | |
|----|---|---|---|--|
| 3 | | The appliance should support at least one 10/100/1000 dedicated management interfaces to configure/manage the firewall policies, perform image upgrades even in case of failure of the data interfaces. Data ports should not be used for management purpose. | | |
| 4 | | The appliance hardware should be a multicore CPU architecture with a hardened 64 bit operating system to support higher memory. | | |
| 5 | | Firewall should support hardware based IPS module having its own processor & memory to ensure there is no performance bottleneck. | | |
| 6 | | Proposed Firewall should not be proprietary ASIC based in nature & should be open architecture based on multi-core cpu's to protect & scale against dynamic latest security threats. | | |
| 7 | | The appliance should support redundant inbuilt power supplies from day one | | |
| 8 | Performance and Scalability | Firewall should support at least 5 Gbps of Multi-protocol real-world throughput based on protocols like HTTP, SMTP, FTP, IMAP (Only UDP based performance nos. will not be considered) | | |
| 9 | | Firewall should support at least 3 Gbps of combined Firewall & IPS throughput | | |
| 10 | | Firewall should support at least 1.8 million concurrent sessions | | |
| 11 | | Firewall should support at least 120,000 new connections per second | | |
| 12 | | Firewall should support processing at least 2,500,000 64 byte packets per second | | |
| 13 | | Firewall should support at least 1024 VLANs | | |
| 14 | | Firewall should support Jumbo Frames up to 9216 bytes | | |
| 15 | | Features | Firewall should support IPv4 & IPv6 dual stack functionality to be able to use IPv4 & IPv6 simultaneously | |
| 16 | Firewall should support creating access-rules with IPv4 & IPv6 objects simultaneously e.g. Ipv4 source & Ipv6 destination. | | | |
| 17 | Firewall should support operating in routed & transparent mode | | | |
| 18 | Firewall should support mixed mode with virtual firewalls where virtual firewall should support routed & transparent mode simultaneously. | | | |
| 19 | In transparent mode firewall should support arp-inspection to prevent spoofing at Layer-2. | | | |
| 20 | Firewall should support passing of BPDU's & filtering of non-IP traffic with ether-type ACLs. | | | |
| 21 | Firewall should provide application inspection for DNS, FTP, HTTP, SMTP,ESMTP, LDAP, MGCP, RTSP, SIP, SCCP, SQLNET, TFTP, H.323, SNMP. | | | |
| 22 | Firewall should provide IPv6 application inspection for DNS, FTP, HTTP, SIP, SMTP & IPv6. | | | |

| | | | | |
|----|--------------------------------------|---|--|--|
| 23 | | Application inspection engine for DNS should support matching specific flag in the DNS header, DNS type including Query & RR type, DNS class, DNS Question, resource-record, Authority RR, DNS message domain name list, & setting actions like drop all packets, drop connection, send-protocol-error, reset the connection & send logs. | | |
| 24 | | Application inspection engine for HTTP should support enforcing conformance to RFC 2616, filtering based on content-type mismatch, HTTP request method, text matching in http request body, maximum HTTP request message body length & more parameters. | | |
| 25 | | Firewall should support static NAT, PAT, dynamic NAT, PAT & destination based NAT. | | |
| 26 | | Firewall should support Nat66 (IPv6-to-IPv6), Nat 64 (IPv6-to-IPv4) & Nat46 (IPv4-to-IPv6) functionality. | | |
| 27 | | Firewall should support integration with Radius, TACAS+, RSA, LDAP v3 Directory servers, Kerberos, NT server & Local Database. | | |
| 28 | High Availability & Routing Features | Firewall should support state full failover of sessions in Active/Standby & Active/Active mode. | | |
| 29 | | Firewall should support port bundling functionality for the failover control & date interfaces for provide additional level of redundancy. | | |
| 30 | | Firewall should support the functionality for allowing Asymmetrically Routed Packets in active/active mode. | | |
| 31 | | Firewall should support redundant interfaces to provide interface level redundancy before device failover. | | |
| 33 | | Firewall should support failover of IPv4 & IPv6 sessions. | | |
| 34 | | Firewall should replicate Nat translations, TCP,UDP connection states, ARP table, HTTP connection states, ISAKMP &IPSec SA's, SIP signaling sessions. | | |
| 35 | | Failover function should ensure that the routes learned via dynamic routing protocols are maintained in the standby unit as well. | | |
| 36 | | Firewall should support IPv4 & IPv6 static routing, RIP, OSPF v2 & v3. | | |
| 37 | IPS & URL Filtering Capabilities | Firewall should support PIM multicast routing. | | |
| 38 | | Should support state full failover for OSPF v3. | | |
| 39 | | Firewall should support SLA monitoring for static routes. | | |
| 40 | | The integrated IPS functionality should provide real-time threat-detection & prevention capabilities | | |
| 41 | | The Firewall with integrated IPS should provide at least 3 Gbps of combined Firewall + IPS throughput with all signatures turned on. | | |
| 42 | | Support for global correlation and provide real-time updates on the global threat environment beyond the perimeter by adding reputation analysis, reducing the window of threat exposure. | | |

| | | | | |
|----|--|--|--|--|
| 43 | | provide signature updates through a global intelligence team working 24 hours a day to help ensure that you are protected against the latest threats | | |
| 44 | | Employs full seven layer protocol analyses of network protocols. Should analyze and decode of all major protocols. | | |
| 45 | | Should identify attacks based on observed deviations in the normal RFC behavior of a protocol or service | | |
| 46 | | IPS should support the capability of multiple virtual sensors to create different IPS policies for different network segments | | |
| 47 | | The IPS should support syslog/SDEE for logging events & support sending events via SMTP & SNMP | | |
| 48 | | Should support regular expressions to match payloads using custom signatures | | |
| 49 | | IPS should support functionality of creating custom signatures internally on box without requiring any external or conversion tools. | | |
| 50 | | IPS should support the functionality for passive OS fingerprinting to determine the OS that the hosts are running in the network. | | |
| 51 | | IPS should support the functionality to detect & block peer-to-peer applications | | |
| 52 | | The integrated IPS should support automatic fail-open & fail-close functionality in case of failure of the inspection engine | | |
| 53 | | The device must support wide range of applications with minimum 1000 application types being supported & URL categories up to 70. | | |
| 54 | | More than 15 MN URL must be categorized. To store the logs, the system must have more than 20GB of memory | | |

4.6 – Failover Switch

| S. No | Specifications | Description | Matched/ Not Matched | Deviation / Remarks |
|-------|----------------|--|----------------------|---------------------|
| 1 | General | Switch Should have minimum 24 10/100/1000 Base-T ports and additional 4 Nos. of SPF Based ports and additional 2 dedicated stacking ports with all accessories for stacking purpose. | | |
| 2 | | Switch should support Integrated Redundant power supply and fan. Power supply and fan should be field replaceable. In case of power supply failure single power supply should be able to handle the complete load. | | |
| 3 | | Switch should be 1 RU rack mountable stackable in nature with minimum of 8 switches in a stack with dedicated 56 Gbps stacking bandwidth. | | |
| 4 | | Switch should support Automatic Port Configuration based on device type | | |
| 5 | Performance | Switch should have minimum 88Gbps Data switching capacity (Gbps) & 60mpps throughput per switch. | | |

| | | | | |
|----|--------------------------------|--|--|--|
| 6 | Layer-2 & Layer 3 Requirements | It shall support IEEE 802.1Q (4,096 VLAN IDs) and 1000 VLANs simultaneously | | |
| | | Switch should support 802.1q VLAN tagging, Switch should support link aggregation for minimum 8 GE ports and minimum 40 LAG groups. | | |
| | | Switch should support static routing, default routing, and OSPF from day one. | | |
| 7 | Security Requirements | Should support Access control lists to provide Layer 2 to Layer 4 traffic filtering for IPv4 and IPv6 Packets by offering Standard ACL, Extended ACL, VLAN ACL, Port based ACL, and Time based ACL | | |
| 8 | | Should support MAC, 802.1x and Web based authentication, with multiple authentication method and concurrent authentication session per port minimum for 128 Users per port. | | |
| 9 | | Should support Full Network Access Control features to push Dynamic Vlan and Port based profile to the user ports based on the AAA, LDAP, AD, Radius server authenticated response. | | |
| 10 | | Per-port storm control for preventing broadcast, multicast, and unicast storms. | | |
| 11 | QoS Requirements | Should support IGMPv1, v2, and v3, PIM-SM / DM, PIM-SSM, Multicast Source Discovery Protocol, Multicast Vlan - MSDP, Multicast Border Gateway Protocol - MBGP | | |
| 12 | | Should support 802.1P prioritization with 8 hardware queues | | |
| 13 | | It shall support LLDP-MED (Media Endpoint Discovery) to automatically configure QoS /VLAN to network devices such as IP phones. | | |
| 14 | Certification Requirements | Switch should be EAL3 or NDPP certified from day one | | |

4.7 – SMS Gateway

| S. No | Specifications | Description | Matched/ Not Matched | Deviation / Remarks |
|-------|----------------|---|----------------------|---------------------|
| 1 | Integration | The proposed wireless solution should seamlessly integrate with SMS Gateway solution over IP. | | |
| 2 | | Bidder shall be responsible for integrating SMS gateway (to be proposed) for automatically sending the required details/ information through SMS to the users as per the requirement e.g. during user registration, forgot password, password reset, Account Expiry, etc. | | |
| 3 | Capacity | Minimum Capacity of proposed SMS Gateway: 1500 SMS to be sent per second. | | |
| 4 | Availability | The solution should have hardware level redundancy. | | |
| 5 | | The solution should provide Link (GSM provider) level Gateway redundancy. | | |

4.8– Network Management Tool

| S. No | Specifications | Description | Matched/ Not Matched | Deviation / Remarks |
|-------|----------------|---|----------------------------|------------------------|
| 1 | Features | The network management platform shall provide a single integrated solution for comprehensive lifecycle management of the wired/wireless access, campus, and branch networks, and rich visibility into end-user connectivity and application performance assurance issues. | | |
| 2 | | The platform shall support as many as fifteen thousand devices through virtual or physical appliances. | | |
| 3 | | The platform shall deliver application-level visibility through the normalization and correlation of rich performance instrumentation data to help ensure application delivery and an optimal end-user experience. | | |
| 4 | | The management utility shall help enable regulatory compliance analysis and reporting against PCI DSS standards. | | |
| 5 | | The platform shall accelerate the rollout of new services and provides secure access and management of mobile devices. | | |
| 6 | | The management utility shall have deep integration with the secure access mechanism like 802.1x authentication, posture and profiling to provide visibility across security and policy-related problems, presenting a complete view of client access issues with a clear path to solving them. | | |
| 7 | | The utility shall simplify and automate many of the day-to-day tasks associated with maintaining and managing the end-to-end network infrastructure from a single pane of glass thereby reducing the need for multiple tools, and lowering operating expenses and training costs. | | |
| 8 | | The platform would deliver all of the existing wireless capabilities for RF management, user access visibility, reporting, and troubleshooting along with wired lifecycle functions such as discovery, inventory, configuration and image management, automated deployment, compliance reporting, integrated best practices, and reporting. | | |
| 9 | | The platform shall be based on lifecycle processes that would align with the product functionality clearly describing the phases like design, deploy, operate, report and administer. | | |
| 10 | | The design functionality shall facilitate creation of templates used for monitoring key network resources, devices, and attributes. Default templates and best practice designs are provided for quick out-of-the-box implementation automating the work required to use OEM validated designs and best practices. | | |
| 11 | | The management infrastructure shall provide continuous compliance and auditing capabilities to help IT organizations monitor and assess their network and device configuration for out-of-policy configuration, discrepancies, and security and risk vulnerabilities. | | |

| | | | |
|----|---|--|--|
| 12 | The platform shall offer unified alarm displays with detailed forensics provide actionable information and the ability to automatically open service requests with the OEM's Technical Assistance Center. | | |
| 13 | The management utility shall have Role-based access control provides flexibility to segment the network into one or more virtual domains controlled by a single Infrastructure platform. These Virtual domains shall help deploy both large, multisite networks and managed services. | | |
| 14 | The management platform shall support the following device types like integrated services routers, aggregation services routers, access switches, distribution switches, Ethernet Core switches, server farm switches, network analysis modules, wide area applications service modules, Wireless access points and Wireless LAN Controllers. | | |

4.9 –User Onboarding & Radius Server

| S. No | Specifications | Matched/Not Matched | Deviation / Remarks |
|-------|---|---------------------|---------------------|
| 1 | Solution should provide a highly powerful and flexible attribute-based access control solution that combines authentication, authorization, and accounting (AAA); posture; profiling; and guest management services on a single platform. | | |
| 2 | Should allow enterprises to authenticate and authorize users and endpoints via wired, wireless, and VPN with consistent policy throughout the enterprise | | |
| 3 | Support for port based authentication (802.1x). | | |
| 4 | Supports a wide range of authentication protocols, including PAP, MS-CHAP, Extensible Authentication Protocol (EAP)-MD5, Protected EAP (PEAP), EAP-Flexible Authentication via Secure Tunneling | | |
| 5 | Solution should be able to support creating hotspot, self-service, self-service sponsor approved and sponsored Guest Access | | |
| 6 | In case of self-service sponsor approved guest access, it should be possible for sponsor to reject the guest request for network access | | |
| 7 | Sponsor should be able to create guest using either mobile client and desktop client | | |
| 8 | Sponsors should be able to create guest accounts by uploading a spreadsheet with guest info into sponsor portal | | |
| 9 | Solution should have capability to allow admin to configure following guest flow post successful logged in: | | |
| 10 | Customized guest portal page | | |
| 11 | Page the guest was trying to access at the time of login | | |
| 12 | predefined URL | | |
| 13 | Should have capability to define limit a user to specific number of devices | | |
| 14 | Solution should support programmatic access to creating and managing guest users through a Representational State Transfer | | |

| | | | |
|----|---|--|--|
| | (REST) API. | | |
| 15 | Should support the ability to completely customize all (Guest, Sponsor, BYOD, Client Provisioning, MDM, etc) of the end-user facing portals (mobile and desktop) and all of the notifications that are sent end-users. | | |
| 16 | Solution should support configuring MDM policy based on the following attributes: Device Register Status, Device Compliant Status, Disk Encryption Status, Pin Lock Status, Jail Broken Status, Serial Number, Manufacturer, IMEI, Os Version& phone number | | |
| 17 | In case required, Solution should have the capability to deliver certificated directly to endpoints for BYOD provisioning | | |
| 18 | Should support guest user's host device be posture assessed and access policy granted based on compliance with security policy | | |
| 19 | should support guest user's host device be profiled and access policy granted based on the type of device guest uses to access the network | | |
| 20 | Supports the ability to report on guests network activity such as URLs visited, connections made etc | | |
| 21 | Support ability to generate report on guest login/logout times, mac address and ip address used | | |
| 22 | Should have the ability to export report in .CSV format | | |
| 23 | Solution should support ability to send SMS via email gateway and http API gateway | | |
| 24 | Solution should support ecosystem partners to integrate and share the context bi-directionally without the need to adopt platform specific APIs | | |
| 25 | Solution should be scalable enough to support 250,000 endpoints in the network. | | |
| 26 | Provides a wide range of access control mechanisms, including downloadable access control lists (dACLs), VLAN assignments, URL redirect, and Security Group Access (SGA) tagging. | | |
| 27 | Employs advanced enforcement capabilities including security group access (SGA) through the use of security group tags (SGTs) and security group access control lists (SGACLs) | | |

SECTION: 5

INSTRUCTIONS TO BIDDERS

SECTION: 5

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 Govt. of Gujarat (GoG)/Gujarat Informatics Ltd (GIL) will in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.
- 1.2 Bidder is requested to pay **Rs.5,000/-** as a bid processing fee (Non refundable) in the form of demand draft in favor of “Gujarat Informatics Ltd.” payable at Ahmedabad/Gandhinagar along with the EMD cover. In case of non receipt of bid processing fees & EMD the bid will be rejected by GIL/GoG as non responsive.

ARTICLE – 2: BIDDING DOCUMENTS

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 upload the same on <https://www.gil.nprocure.com> on or before due date 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

Bidders can seek written clarifications on or before 5 days prior to Pre-bid meeting date to DGM (Tech), Gujarat Informatics Ltd., 8th Floor, Block No. 01, Udhog Bhavan Gandhinagar 382010. GIL will clarify and issue amendments if any to all the bidders in the pre-bid meeting. No further clarification what so ever will be entertained after the pre-bid meeting date. No further clarification what so ever will be entertained after submission of bid

ARTICLE – 4: AMENDMENT OF BIDDING DOCUMENTS

- 4.1 At any time prior to the deadline for submission of bids, GoG/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 & put on our websites.
- 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 GoG/GIL i.e. www.gil.gujarat.gov.in & <https://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, GoG/GIL, at its discretion, may extend the deadline for the submission of bids.

ARTICLE – 5: 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 GoG/GIL 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: SECTION COMPRISING THE BIDS

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

6.2 The bid uploaded shall have the following documents:

▶ **BID SECURITY SECTION:**

The bid security & bid processing fee (non-refundable) to be furnished to GIL office in the form of demand draft in favor of “Gujarat Informatics Ltd.” payable at Ahmedabad/Gandhinagar before opening of un-price bid. The details are required to be filled in this section.

▶ **ELIGIBILITY & TECHNICAL SECTION:**

- 1) Financial Capabilities. (In the Prescribed Format Only: Form A)
- 2) Technical Capabilities. (In the Prescribed Format Only: Form B)
- 3) Compliance Statement. (In the Prescribed Format Only: Form C)
- 4) Bid letter form (Form D)

NOTE: All forms/ Tables, duly filled-in with necessary proofs, as required and stated in the bid document & supporting documents for eligibility criteria 1 to 8 and Technical 1 to 10 should be uploaded.

▶ **PRICE BID SECTION:**

- **Priced bid** (in the prescribed format only in Section: 6)

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 used 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 GoG/GIL 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 GoG/GIL of the benefits of free and open competition.

- 8.2 "Corrupt Practice" means the offering, giving, receiving or soliciting of any thing of value, pressurizing to influence the action of a public official in the process of Contract execution.
- 8.3 GoG/GIL 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

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

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 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, GoG/GIL 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 Price shall be inclusive of all freight, forwarding, transit insurance and installation charges. Prices shall be inclusive of Excise Duties. The prices shall strictly be submitted in the given format. Quoted prices shall be without VAT. The tax (VAT) components as applicable shall be mentioned separately in the respective columns. Successful Bidder will have to supply/provide goods with an Invoice from a place located within State of Gujarat.
- 11.2 The priced bid should indicate the prices in the format/price schedule only.
- 11.3 The Financial bid shall indicate charges payable as per Section-6 for 5 Years and terms thereof for providing required Services. The bidder shall quote fixed charges per item. A bid uploaded with an adjustable price quotation will be treated as non-responsive and rejected.
- 11.4 Prices shall be written in both words and figures. In the event of difference, the price in words shall be valid and binding. Arithmetical errors will be rectified on the following basis.
- 11.4 If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the Bidder does not accept the correction of the errors, its bid will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

- 11.5 Any discrepancy relating to prices quoted in the offer across different sections of the bid, only prices given in the prescribed format given at Price Schedule of this RFP shall prevail.
- 11.6 The bidder should provide calculations for the quoted items, without which the bid is liable for rejection. Any arithmetical errors in these calculations will be on bidders account.
- 11.7 The rates specified/ quoted by the bidders should not be more than the rates specified by TRAI or any other Regulatory Authority of Govt. of India.
- 11.8 Offered price should be exclusive of all applicable taxes such as VAT/CST/Service Tax, FOR destination (anywhere in Gujarat state).
- 11.9 Discount if offered, should not be mentioned separately. It should be included in offered price.
- 11.10 Any effort by a bidder or bidder's agent / consultant or representative howsoever described to influence the GoG/GIL in any way concerning scrutiny / consideration / evaluation / comparison of the bid or decision concerning award of contract shall entail rejection of the bid.
- 11.11 Unit rates should be quoted separately for each item. Quantities can be increased or decreased by GoG and bidder has to supply deviated quantities at the rates prescribed and approved by the GoG in the tender document.

ARTICLE – 12: BID CURRENCY

The prices should be quoted in Indian Rupees. Payment for the supply of, installation and commissioning the Wi-Fi solution as specified in the agreement shall be made in Indian Rupees only.

ARTICLE – 13: BID SECURITY / EARNEST MONEY DEPOSIT (EMD)

- 13.1 The Bidder shall furnish, as part of the Bid, a Bid security for the amount of **Rs.25,00,000/-** by demand draft, in favor of Gujarat Informatics Ltd., payable at Gandhinagar/Ahmedabad in India in a separate envelope. The un-priced bid will be opened subject to the confirmation of valid Bid security.
- 13.2 Unsuccessful Bidder's Bid security will be refunded within thirty (30) days from the award of work to the successful bidder.
- 13.3 The successful Bidder's Bid security will be discharged upon the Bidder signing the Contract/Agreement, and furnishing the Performance Bank Guarantee.
- 13.4 The Bid security may be forfeited at the discretion of GoG/GIL, on account of one or more of the following reasons:
- a. The Bidder withdraws their Bid during the period of Bid validity specified on the Bid letter form.
 - b. Bidder does not respond to requests for clarification of their Bid.
 - c. Bidder fails to co-operate in the Bid evaluation process, and
 - d. In case of a successful Bidder, the said Bidder fails :
 - (i) To sign the Agreement in time
 - (ii) To furnish Performance Bank Guarantee

ARTICLE – 14: PERIOD OF VALIDITY OF BIDS

- 14.1 Bids shall remain valid for **180 Days** after the date of opening of Commercial Bid. A Bid valid for a shorter period shall be rejected as non-responsive.
- 14.2 In exceptional circumstances, GoG/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 Bid security shall also be suitably extended. A Bidder's request to modify the Bid will not be permitted.

ARTICLE – 17: BID DUE DATE

- 17.1 Bid must be received by the GIL at the address specified in the Request for Proposal (RFP) not later than the date specified in the RFP.
- 17.2 GoG/GIL may, as its discretion, on giving reasonable notice by fax, cable or any other written communication to all prospective bidders who have been issued the bid documents, extend the bid due date, in which case all rights and obligations of the GoG/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 after the Bid's submission, provided that written notice of the modification including substitution or withdrawal of the bids is received by GoG/GIL prior to the deadline prescribed for submission of bids.
- 19.2 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in a manner similar to the original Bid.
- 19.3 No Bid may be modified subsequent to the deadline for submission of bids.
- 19.4 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 Bid security.

ARTICLE – 20: OPENING OF BIDS BY GIL

- 20.1 GIL will open the EMD & bid processing fees stage at first instance & the next eligibility stage of those bidders, who have furnished EMD & bid processing fees on or before due date & time, will be opened, in the presence of Bidder or their authorized representatives who choose to attend, at schedule time in the bid at Conference Hall of :

Gujarat Informatics Ltd.
Block No. 1, 8th Floor, Udyog Bhavan,
Sector-11, Gandhinagar-382010

The Bidders representatives who are present shall sign a register evidencing their attendance. In the event of the specified date of Bid opening being declared a

holiday for the GIL, the Bids shall be opened at the appointed time and location on the next working day.

- 20.2 The date on which technical bid & commercial bid would be opened, will be intimated to the qualified bidders by the GIL on the day of opening of first stage or on any subsequent days either through fax or through letter or e-mail from the Office of the Gujarat Informatics Ltd or any of his authorized official.
- 20.3 The Bidders Names, and the presence or absence of the requisite Bid security and such other details as the GIL, at its discretion, may consider appropriate will be announced at the time of opening.
- 20.4 The Commercial Bid will be opened only for the Technically Qualified Bidder. The commercial bid of Bidders, who have not qualified in the eligibility & technical evaluation stage will not be opened under any circumstances.
- 20.5 Bids that are not opened at bid opening shall not be considered further for evaluation.

ARTICLE – 21: CONTACTING GoG/GIL

- 21.1 Bidder shall not approach GoG/GIL officers outside of office hours and/ or outside GoG/GIL 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 GoG/GIL 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

GoG/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: BID EVALUATION

1. PART – I (BID SECURITY)

- Bidders who have submitted the valid bid security as per the format shall be considered for further evaluation. Similarly if the RFP document fee has not been deposited/ submitted in case of downloaded forms the Bid shall be out rightly rejected.

2. PART – II (ELIGIBILITY CRITERIA & TECHNICAL EVALUATION)

- GIL will first scrutinize the eligibility of the bidders as per “eligibility criteria” (Section No. 2) the RFP based on the documents submitted. The offers of the bidders who fulfill the eligibility criteria will be taken up for further scrutiny i.e. technical evaluation. The decision of GIL/ GoG in this regard is final and no further correspondence in this regard will be entertained.
- GIL will scrutinize the offers and will determine whether the technical specifications along with documents have been furnished as per RFP. The

bidder will have to give documents as per technical qualifying criteria (Section No. 4). The bidders who qualify in technical evaluation will only be short listed for commercial evaluation. The decision of GIL/ GoG in this regard is final.

3. PART – III (COMMERCIAL EVALUATION)

- GIL will open and scrutinize the commercial offers of the technically qualified bidders only. The Commercial bids will have to be submitted in the format as per section 6. Commercial bids should not have any alteration or overwriting. GIL/DST may reject or load the financial implication of any alteration, if found into the commercial bid submitted by the respective bidder. The calculation arrived by GIL will be final and will be binding on the bidders. If any cost item in the commercial bid is found to be blank and not filled with any amount then it shall be considered as zero cost items and the same is offered to the GoG free of any charge. GIL/DST will consider the cost for five years for the purpose of price comparisons given by the vendors on the figures in commercial offer.

- **L1 Price = (Hardware and Installation Cost + O&M Cost for 5 Years)**

ARTICLE – 24: AWARD OF CONTRACT

- 24.1 Choice of Firm: Final Choice of Firm to execute this project shall be made on the basis of conformity to technical and operational requirements, time schedule of execution and appropriateness of priced bid from the point of view of cost competitiveness.
- 24.2 Award Criteria: The Criteria for selection will be the lowest cost to GoG for the technically qualified bid for total cost of all the material. (Excluding any taxes)
- 24.3 GoG's right to vary requirements at time of award: GoG 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.
- 24.4 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.
- 24.5 The successful bidder shall be engaged by GoG to implement and manage Wi-Fi network for period of 5 years.
- 24.6 **Contract Period:** The duration of the Contract period for this activity will be of **5 years**.

ARTICLE – 25: NOTIFICATION OF AWARD & SIGNING OF CONTRACT

- 25.1 Prior to expiration of the period of Bid validity, GoG/GIL will notify the successful Bidder and issue Lol.
- 25.2 Within Six (6) working days of receipt of the Contract Form, the successful Bidder shall sign and date the Contract and return it to the GoG/GIL. The contract Performance guarantee has to be submitted within fifteen (15) working days of receipt of award. The Bank guarantee (Performance) shall be equal to 10% of the

value of contract. The Bank Guarantee shall be valid for duration of 180 days beyond the expiry of contract.

25.3 Upon the successful Bidder's furnishing of Performance Bank Guarantee and signing of Contractual documents, The Bid Security of all unsuccessful Bidders will be refunded as per clause 13.2.

ARTICLE – 26: FORCE MAJEURE

26.1 Force Majeure shall mean any event or circumstances or combination of events or circumstances that materially and adversely affects, prevents or delays any Party in performance of its obligation in accordance with the terms of the Agreement, but only if and to the extent that such events and circumstances are not within the affected party's reasonable control, directly or indirectly, and effects of which could have prevented through Good Industry Practice or, in the case of construction activities through reasonable skill and care, including through the expenditure of reasonable sums of money. Any events or circumstances meeting the description of the Force Majeure which have same effect upon the performance of any contractor shall constitute Force Majeure with respect to the 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.

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 a contract 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

29.1 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 GoG 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.

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

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

ARTICLE – 30: REPRESENTATIONS AND WARRANTIES

30.1 REPRESENTATIONS AND WARRANTIES BY THE SERVICE PROVIDER

It is a company duly organized and validly existing under the laws of India and has all requisite legal power and authority and corporate authorizations to execute the Agreement and carry out the terms, conditions and provisions hereof.

It has in full force and effect all requisite clearances, approvals and permits necessary to enter into the Agreement and perform its obligations hereof.

The Agreement and the transactions and obligations hereof do not contravene its constitutional documents or any law, regulation or government directive and will not contravene any provisions of, or constitute a default under, any other Agreement or instrument to which it is a party or by which it or its property may be bound or any of its obligations or undertakings by which it or any of its assets are bound or cause a limitation on its powers or cause it to exceed its authorized powers.

There is no pending or threatened actions, suits or proceedings affecting the Service Provider or its affiliates or any of their respective assets before a court, governmental agency, commission or arbitrator or administrative tribunal which affects the Service Provider's ability to perform its obligations under the Agreement; and neither Service Provider nor any of its affiliates have immunity from the jurisdiction of a court or from legal process (whether through service of notice, attachment prior to judgment, attachment in aid of execution or otherwise).

The Service Provider confirms that all representations and warranties of the Operator set forth in the Agreement are true, complete and correct in all respects.

No information given by the Service Provider in relation to the Agreement, project documents or any document comprising security contains any material wrong-statement of fact or omits to state as fact which would be materially adverse to the enforcement of the rights and remedies of GoG or which would be necessary to make any statement, representation or warranty contained herein or therein true and correct.

All equipment including replacement parts, spares and any other material to be installed, used by the Service Provider in the GSWAN shall be new. All equipment shall conform to the codes, standards and regulations applicable to networking facilities and benefit from the usual manufacturer's guarantees.

30.2 REPRESENTATIONS AND WARRANTIES BY GOG

It has full legal right; power and authority to execute the project and to enter into and perform its obligations under the Agreement and there are no proceedings pending.

The Agreement has been duly authorized, executed and delivered by GoG and constitutes valid, legal and binding obligation of GoG.

The execution and delivery of the Agreement with the Service Provider does not violate any statutory judgment, order, decree, regulation, right, obligation or rule

of any court, government authority or arbitrator of competent jurisdiction applicable in relation to GoG, its assets or its administration.

ARTICLE – 31: RESOLUTION OF DISPUTES

- 31.1 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. 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.
- 31.2 In the case of such failure the dispute shall be referred to a sole arbitrator or in case of disagreement as to the appointment of the sole arbitrator to three arbitrators, two of whom will be appointed by each Party and the third appointed by the two arbitrators.
- 31.3 The place of the arbitration shall be Gandhinagar, Gujarat.
- 31.4 The Arbitration proceeding shall be governed by the Arbitration and Conciliation Act of 1996 as amended.
- 31.5 The proceedings of arbitration shall be in English language.
- 31.6 The arbitrator's award shall be substantiated in writing. The arbitration tribunal shall also decide on the costs of the arbitration procedure.
- 31.7 The Parties hereto shall submit to the arbitrator's award and the award shall be enforceable in any competent court of law.

ARTICLE – 32: TAXES & DUTIES

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

ARTICLE – 33: BOOKS & RECORDS

Vendor shall maintain adequate Documents Related to project's physical materials & equipment's for inspection and audit by GoG during the terms of Contract until expiry of the performance guarantee.

ARTICLE – 34: WARRANTY TERMS

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

ARTICLE – 35: PERFORMANCE GUARANTEE

- 35.1 The Vendor shall furnish Performance Guarantee as provided in the bid document to GoG for an amount equal to 10% of the value of Order.
- 35.2 The performance guarantee will be in the form of bank guarantee for the amount equal to 10% of the value of the Order / LOI towards faithful performance of the contract obligation, and performance of the equipment during Warranty period. In case of poor and unsatisfactory field services, GoG shall invoke the PBG.

- 35.3 The Performance Guarantee shall be valid for a period of 180 days beyond Contract period and shall be denominated in Indian Rupees and shall be in the form of an unconditional Bank Guarantee issued by All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2013/655/DMO dated 31.03.2014 issued by Finance Department or further instruction issued by Finance department time to time.
- 35.6 The Performance Guarantee shall be discharged by GoG and returned to the Vendor within 30 days from the date of expiry of the Performance Bank Guarantee.

ARTICLE – 36:

PAYMENTS TERMS:

| | | |
|---|---|-----|
| a | On receipt of deliveries FOR destination and after Inspection and submission of Performance Bank Guarantee | 70% |
| b | On Successful UAT and FAT | 20% |
| c | 180 Days after Successful UAT and FAT and submission of Warranty Certificates for Hardware and Software supplied under the contract | 10% |

1. Quarterly Bill process against the services provided by bidder as per the Terms and Conditions of Service Level Agreement (SLA)
2. The successful bidder shall submit reports for link availability, downtime, usage, fault & rectification (if any) etc. for each AP separately, as generated by its monitoring system on monthly basis.
3. The successful bidder shall raise invoices on quarterly basis at the end of each quarter for the O&M charges.
4. The Service Provider's request for the payment shall be made at the end of each quarter by invoices along with supporting documents.
5. Performances statistics report has to be submitted every month in Hard and Soft form.
6. Log of network parameters along with Service Down time calculation and uptime percentage.
7. Any other documents necessary in support of the services performances acceptable to DST/GoG.
8. The third party Agency appointed by DST shall verify all the supporting documents as prescribed and acceptable to DST.
9. On the receipt of such invoiced after verification by the Third Party Agency and after deducting Tax, other taxes and any penalties, DST/GoG shall pay the amount. The service provider shall furnish all the tax payment receipts to DST.
10. The currency of payment shall be **Indian Rupees.**

- a. If there is any deficiency in the performance of Contractual obligations on the part of the Service Provider, the Service Provider shall be liable for the imposition of appropriate Penalties as specified in clause 38.b of this section and DST shall be entitled to deduct such Penalties at source while making payment to the Service Provider for the services provided.
- b. The service provider shall have to bear the consequences of any change, i.e. in taxes or laws

ARTICLE – 37: SERVICE TERMS

- a. The entire scope of the work depends on the technical skill and experience in management of the same level or kind of infrastructure.
- b. It is mandatory for Bidder to deploy qualified professional to install, commission & maintain the proposed Network, as defined under scope of work.
- c. The Bidder has to submit regular schedule of man power availability & get it approved by DST, before deployment.
- d. The Bidder will have to carry out reinstallation of any of the equipment 'Free of Cost, if required.
- e. The Bidder need to manage & maintain various records related to the services extended to the Government.
- f. If required, the Bidder may need to coordinate and approach various agencies working for SCAN, SDC and GSWAN.
- g. The Bidder needs to maintain the required security of the network as per the DoT/GoG Security guidelines.
- h. The Bidder 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, as per the guideline issued by DST/TPA.
- i. In case of failure of any system or equipment, the Bidder needs to replace or repair the faulty part/component/device to restore the services at the earliest. The cost of the repairing or replacement of faulty Cable/component/device has to be entirely born by the Bidder.
- j. All expenses related to cable/component/device, including hiring of specialized technical expertise, in case required, has to be borne by the Bidder as part of Contract Agreement.
- k. Bidder shall submit test procedures covering various test cases and expected results of these tests relating to various systems being commissioned for the network. These should be uploaded along with the technical bids. These tests shall cover all the parameters which are required to be tested as per ITU, TEC standards.
- l. Bidder shall submit details of various reports generated by NMS like link availability, downtime, usage, fault & rectification, BER etc. which are required for AP(s) monitoring.

ARTICLE – 38: PENALTY CLAUSE

39.1 PENALTIES FOR DELAY IN IMPLEMENTATION

- 39.1.1 The successful bidder shall ensure the services are up and running from the date of successful commissioning. In case the services are not provided from the agreed successful commissioning date (except such delay in commencement of services is not due to any act of omission or commission of the successful bidder), liquidated damages will be levied @ **1%** of the total Work Order amount for delay of a week or part thereof.

The maximum Liquidated damages would be limited to **25%** of the order value as per above and the damages would be recovered from the dues payable to service provider.

- 39.1.2 If GoG fails to provide space and related clearances for installation of the equipment at designated site / sites, within 30 days from written instructions given to Vendor, to carry out the job as per the agreement terms, as a result of which the installation of the equipment is delayed and the Vendor is not able to adhere to the schedule for completing the Acceptance Tests. In such an event, the Vendor will prove the Acceptance Test with the completed sites and if the tests are accomplished within the scheduled time according to the Third Party Agency then the Vendor will be deemed to have completed the Acceptance according to the schedule and GoG will be required to pay the Vendor as per agreement terms.

39.2 OPERATIONAL PENALTIES

The bidder shall be responsible for maintaining the desired performance and availability of the Wi-Fi Network. 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.

a. SERVICE AVAILABILITY

→ UPTIME (Hot Spot Availability) :

- a. SLA Requirement – Average uptime should be $\geq 99\%$ per site per quarter.
- b. Report Requirement – Average Uptime (Availability) Report

| Calculation Criteria | Amount of penalty |
|--------------------------------|------------------------|
| Average Uptime 99% or above | No penalty |
| Average Uptime below 99% - 95% | 0.5% of the QGR amount |
| Average Uptime below 95% - 90% | 1% of the QGR amount |
| Average Uptime below 90% | 5% of the QGR amount |

→ UPTIME (Core System Availability):

- a. SLA Requirement – Average uptime should be $\geq 99.5\%$ per quarter.
- b. Report Requirement – Average Uptime (Availability) Report

| Calculation Criteria | Amount of penalty |
|-----------------------------------|----------------------|
| Average Uptime 99.5% or above | No penalty |
| Average Uptime below 99.50% - 99% | 1% of the QGR amount |
| Average Uptime below 99% - 98% | 2% of the QGR amount |
| Average Uptime below 98% | 5% of the QGR amount |

→ Throughput and Coverage:

Minimum throughput and Coverage has to be 95% of prescribed values of each Access Point. The throughput will be measured at least four times on a random basis in a quarter by the DST and it shall be acceptable by the bidder.

In case throughput falls below the guaranteed level, DST, GoG will impose the penalty of **Rs 1,000** (Rs Five Thousand) per instance per Location, subject to maximum 10% of the QGR amount.

b. Manpower Availability

- a. The successful bidder needs to supply the onsite manpower as per the defined scope of work. The supplied manpower needs to report on day to day basis to TPA – GSWAN appointed by DST/GoG or as per instructions provided by DST/GoG from time to time.
- b. The successful needs to submit duly authorized attendance report along with the QGR Invoice. In support, successful bidder can also submit system reports from their existing attendance system followed in the organization.
- c. Penalty on non-deployment of required manpower: **Rs. 500** per engineer per day on non-reporting or non-deployment of minimum required manpower.

ARTICLE – 40:APPROVALS / CLEARANCES

- 40.1 Necessary approvals/ clearances concerned authorities, for establishing the proposed project are to be obtained by the Vendor.
- 40.2 Necessary approvals/ clearances from concerned authorities, as required, for fire protection, government duties / taxes/Octroi are to be obtained by the Vendor.
- 40.3 Necessary approvals / clearances, from concerned authorities for “Right of way”, as required, are to be obtained by the Vendor for laying their own cables to meet system requirements
- 40.4 Necessary approvals/ clearances from DoT/ TEC/ TRAI/ Concerned authorities/ any service provider, for establishing the network and connecting different Network elements/ any service provider’s circuits, shall be obtained by the operator.

ARTICLE – 41: PROJECT IMPLEMENTATION

- 41.1 DST, Government of Gujarat will be Engineer-In-Charge of the Project and all inspection, installation, commissioning and acceptance of work will be undertaken by them. All Invoices, Vouchers, Bills for supplied goods and services by the Vendor under the scope of the work will be verified measured and accepted by the Engineer-In-Charge and TPA to GoG, for release of payment.
- 41.2 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.
- 41.3 The Vendor will implement the project strictly as per the plan approved by GoG. The Vendor shall install and implement the proposed system at such locations as may be selected by GoG within **45 Calendar days** from the date of the Acceptance of Lol, which will be considered as a ‘Kick Off’ date.

- 41.4 The Vendor shall provide the necessary technical support, Standard Operating Procedure (SOP) and other information to GoG and its users in and after implementing the proposed system. GoG at any time during the currency of the Agreement should have access to the proposed content.
- 41.5 The Vendor shall provide operational training to minimum 10 engineers as decided by DST, at no cost to GoG. The training schedule, content and modalities will be defined jointly by both the parties.
- 41.6 The Vendor shall arrange to obtain all statutory and regulatory permission (If any) at no cost to the Government of Gujarat.
- 41.7 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 Engineers-in-charge. It will be the responsibility of the Vendor to co-ordinate with all other agencies of Government of Gujarat in order to obtain NOC required to execute the job.
- 41.8 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.
- 41.9 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.
- 41.10 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 GoG.
- 41.11 Any damage caused to the property of Government of Gujarat 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.
- 41.12 The Vendor shall have to furnish the documentation of the work undertaken in consultation with Engineer-in-charge/GoG representative. 3 sets of such documentation should be provided before the issue of completion certificate.
- 41.13 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 price bid to complete the project on turnkey basis. Any claim whatsoever in this regard will not be entertained later on.
- 41.14 In the event of the delay in delivery of services or services is not satisfactory the GoG 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.
- 41.15 GoG reserves the right to visit any working site of the Vendor with prior intimation. The concern Vendor has to make necessary arrangement for the same.

- 41.16 The Vendor shall be responsible and take required insurance for all of their representations working on the site at their own cost. GoG will not be responsible for any loss or damage to any of the representatives of the Vendor during the said contract.
- 41.17 All work shall be performed and executed by the Vendor in strict conformity with the engineer-in-charge / representative from GoG and any relative instruction issued to the Vendor by the Engineer-in-charge time to time.
- 41.18 GoG shall associate few engineers/ technicians during installation and commissioning work. The Vendor shall ensure proper participation of the nominated personnel from GoG and train them on the related system. Also Vendor shall organize the systematic training of selected personnel from GoG on the operation / management of equipment.
- 41.19 The Service Provider, the GSWAN operator and the GoG / Third Party Agency will coordinate with each other for timely completion & commissioning of sites.

ARTICLE – 42: ACCEPTANCE TEST

Acceptance Test will be conducted in as follows:

- 42.1 Bidder shall intimate DST about commissioning of Wi-Fi network at the designated site(s) at least one week in advance so that necessary Inspection/testing required can be organized by DST/TPA.
- 42.2 Final Acceptance Test (FAT): Final Acceptance Test will be conducted after the following:-
- a. Supply, Installation and commissioning of the entire System in accordance with the requirements as mentioned in Price Bid.
 - b. Submission of the user manuals, Standard Operating Procedures and FAQs approved by DST/GoG.
 - c. Type of test as per TEC for acceptance to be conducted on equipment and provision of testing equipment to conduct such test will provide by the vendor.

After successful completion of above mentioned activities, Acceptance Test Certificate will be issued by TPA to the Vendor. The vendor will provide necessary support to staff who will be interested to carry out the test and also technical support.

- 42.3 The date on which Acceptance certificate is issued shall be deemed to be the date of successful commissioning of the System.
- 42.4 Any delay by the Vendor in the Acceptance Testing shall render the Vendor liable to the imposition of appropriate Penalties.
- 42.5 Government of Gujarat reserves the right to inspect equipment and material, prior to dispatch. The supplier should submit the factory Acceptance Test reports for approval of GoG. The cost of all such test shall be borne by the supplier. If any of the inspected goods fail to confirm the specification after installation, GoG may reject them and supplier has 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 by the engineer-in-charge /TPA. Sample approval should be obtained before installation for such material.

ARTICLE – 43: INSTALLATION REQUIREMENTS

- 43.1 The Vendor needs to pull necessary cables up to required installation point of Access Point, using approved PVC Piping/Channel/RF/CAT5 or CAT6 Cable.
- 43.2 The necessary Electrical work has to be carried out by the Vendor. The GoG will not reimburse any cost towards the same. The Vendor need to take necessary permission if require from concern authority.
- 43.3 All active and passive components required for setting up Access Points and Core infrastructure including converters, PoE injectors, Poles, Frames, Mounts, other accessories, etc. would be in scope of the bidder. GoG will only provide power supply and switch ports in the Access Switch of SCAN and at Core Switch at SDC.

ARTICLE – 44: SOFTWARE LICENCES (IF APPLICABLE)

The Vendor shall be responsible for providing Software (System Software, Application Software, Device Drivers, IOS, etc) required, if any, to meet any additional requirements during the currency of the Agreement without any additional cost to GoG. All license software must be in the name of DST, Govt. of Gujarat. The ownership of any involved customize software will be of the DST, Govt. of Gujarat.

ARTICLE – 45: 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. GoG/The Third Party Agency will verify suitability of the specifications uploaded by Vendor and recommend to GoG for acceptance. The Vendor will be obligated to undertake integration, operation and maintenance for all additional equipment if required.

ARTICLE – 46: THIRD PARTY AGENCY

GoG may appoint/designate a Third Party Agency for IT Infrastructure projects, which would monitor the project during implementation, commissioning and operation. The Third Party Agency will also conduct 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 – 47: SUPPORT FROM EXTERNAL AGENCY (IF APPLICABLE)

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

ARTICLE – 48: TERMINATION OF SERVICE

Termination by DST/GoG–

As the continuity of connectivity is one of the major issues to any public service communication, the DST/GoG reserves the right to suspend any of the services and/or terminate this agreement in the following circumstances by giving 10 days' notice in writing:-

- a. The successful Bidder becomes the subject of bankruptcy, insolvency, winding up, receivership proceedings;
- b. In case GoG finds illegal use of connections, hardware, software tools, manpower etc.
- c. If SLAs are not maintained properly and not provide services as per SLAs then DST, GoG has right to foreclose contract before 5years by giving 1 month notice.

ARTICLE – 49: PROVISION OF SPACE / UTILITIES

Necessary electrical AC power supply & power backup facility (if applicable) at every site will be provided for the successful bidder by the GoG.

GoG may decide at its discretion to change the location of equipment during implementation or after implementation but during the Agreement period. The services shall be made operational within a period of 15 days from the date the said request is made by GoG.

The entry and exit to the site for the equipment and personnel of the Service Provider shall be in accordance with Security Rules and Regulations that may apply to the Government Campus where the site is located.

GoG shall allow or obtain the required permission to enable the successful bidder employees or its authorized personnel to enter in the premises where the Services are provided for related activities. This shall be in accordance with Security Rules and Regulations that may apply to the Government Campus where the site is located.

SECTION:6

PRICE BID

SECTION:6
PRICE BID FORMAT

| Sr. No. | ITEM | Quantity (in Nos.) | Unit Price with 5 Year Warranty (in Rs.) without Taxes | Total Price (in Rs. Without Taxes) | Rate of VAT/Service Tax (%) |
|---------|---|--------------------|--|------------------------------------|-----------------------------|
| A | B | C | D | E=C*D | F |
| 1 | Indoor Access Point (Type -1) As per Technical specifications including all applicable Licenses, Cables and Accessories, Installation & Commissioning | 200* | | | |
| 2 | Indoor Access Point (Type -2)As per Technical specifications including all applicable Licenses, Cables, Accessories, Installation & Commissioning | 200* | | | |
| 3 | Outdoor Access Point as per Technical specifications including all applicable Licenses, Cables, Accessories, Installation & Commissioning | 100* | | | |
| 4 | Power Adaptor/Power Injector for Access Point of Same OEM make | 1* | | | |
| 5 | Wireless Controller with Wireless Intrusion Prevention System (WIPS) as per Technical specifications including all applicable Licenses, Cables, Accessories, Installation & Commissioning | 2 | | | |
| 6 | SMS Gateway (As per Technical Specifications) including Installation & Commissioning | 1 | | | |
| 7 | Network Management Tool (As per Technical Specifications) including all applicable Licenses | 1 | | | |
| 8 | User On boarding and RADIUS Server | 1 | | | |
| 9 | Firewall with Network Intrusion Prevention. (As per Technical Specifications) including all applicable Licenses, Cables, Accessories, Installation & Commissioning | 2 | | | |
| 10 | Failover Switch (As per Technical Specifications) including all applicable Licenses, Cables, Accessories, Installation & Commissioning | 2 | | | |

| | | | | | |
|-------------|--|---|--|--|--|
| 11 | Operation and Maintenance for 5 Years (Including all recurring expenses) | 1 | | | |
| Grand Total | | | | | |

Note:

1. L1 will be the lowest sum total of rates of all line items without tax with 5 years warranty applicable on products.
2. The rates should be exclusive of all taxes. The applicable taxes should be submitted separately.
3. *The quantities mentioned above are as per preliminary survey of the Campus & for bid evaluation purpose only. The actual quantity may vary depending upon actual ground situation, specific requirement & as per designed document.
4. Payment for actual ordered quantity will be released.

SECTION:7

***PERFORMA FORPERFORMANCE BANK
GUARANTEE***

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,

WHEREAS..... (Name of Bidder) hereinafter called "the Bidder" has undertaken, in pursuance of Agreement dated, (hereinafter referred to as "the Agreement for **REQUEST FOR PROPOSAL (RFP) FOR SUPPLY, INSTALLATION, COMMISSIONING AND MANAGEMENT OF SACHIVALAYA CAMPUS WI-FI NETWORK CONNECTING TO SCAN (SACHIVALAYA CAMPUS AREA NETWORK) AT ALL THE BLOCKS OF NEW SACHIVALAYA CAMPUS IN GANDHINAGAR, GUJARAT.** , for the Government of Gujarat ("GoG").

AND WHEREAS it has been stipulated in the said Agreement that the Bidder shall furnish a Bank Guarantee ("the Guarantee") from a scheduled bank for the sum specified therein as security for implementing PROJECT.

1. WHEREAS we _____ ("the Bank", which expression shall be deemed to include its successors and permitted assigns) have agreed to give the Government of Gujarat ("GoG") the Guarantee:

THEREFORE the Bank hereby agrees and affirms as follows:

The Bank hereby irrevocably and unconditionally guarantees the payment of all sums due and payable by the Bidder to GoG under the terms of their Agreement dated _____. Provided, however, that the maximum liability of the Bank towards GoG under this Guarantee shall not, under any circumstances, exceed _____ in aggregate.

2. In pursuance of this Guarantee, the Bank shall, immediately upon the receipt of a written notice from GoG in that behalf and without delay/demur or set off, pay to GoG any and all sums demanded by GoG under the said demand notice, subject to the maximum limits specified in Clause 1 above. A notice from GoG to the Bank shall be sent by Registered Post (Acknowledgement Due) at the following address :

Attention Mr. _____.

3. This Guarantee shall come into effect immediately upon execution and shall remain in force for a period of months from the date of its execution. The Bank

shall extend the Guarantee for a further period which may mutually decided by the bidder &GoG.

The liability of the Bank under the terms of this Guarantee shall not, in any manner whatsoever, be modified, discharged, or otherwise affected by:

- Any change or amendment to the terms and conditions of the Contract or the execution of any further Agreements.
 - Any breach or non-compliance by the Bidder with any of the terms and conditions of any Agreements/credit arrangement, present or Future, between Bidder and the Bank.
4. The BANK also agrees that GoG 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 BIDDER and not withstanding any security or other guarantee that GoG may have in relation to the Bidder's liabilities.
 5. The BANK shall not be released of its obligations under these presents by reason of any act of omission or commission on the part of GoG or any other indulgence shown by GoG or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the BANK.
 6. This Guarantee shall be governed by the laws of India and the courts of Ahmedabad shall have jurisdiction in the adjudication of any dispute which may arise hereunder.

Dated this Day of

Witness

(Signature)

(Signature)

(Name)

Bank Rubber Stamp
(Name)

(Official Address)

Designation with Bank Stamp
Plus Attorney as per Power of
Attorney No.

Dated:

List of approved Banks

All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2013/655/DMO dated 31.03.2014 issued by Finance Department or further instruction issued by Finance department time to time.

Bid Processing Fees & EMD Details:

| <u>Sr. No.</u> | <u>Item</u> | <u>Amount in Rs.</u> | <u>Name of the Bank & Branch</u> | <u>Demand Draft No.</u> |
|----------------|-----------------------------|----------------------|--------------------------------------|-------------------------|
| <u>1</u> | Bid Processing Fees | | | |
| <u>2</u> | Earnest Money Deposit (EMD) | | | |

FORM A: FINANCIAL CAPABILITIES

| Turnover | | | Net Worth | | |
|-------------|-------------|-------------|-------------|-------------|-------------|
| 2011 - 2012 | 2012 – 2013 | 2013 – 2014 | 2011 - 2012 | 2012 – 2013 | 2013 – 2014 |
| | | | | | |

Note:

1. Upload the audited financial statement/ audited annual report of the last three financial years.
2. Annual financial turnover during the last three years is ____ Crore (each year) against System Integration and Services. Bidder shall upload documentary evidence.
3. Bidder should have a positive Net worth. In this regard bidder should upload a certificate in original from a chartered account.

FORM B: TECHNICAL CAPABILITIES

DETAILS OF PAST INSTALLATION OF CAMPUS WI-FI PROJECTS

| S. No. | Client Name | Project Name | Nos. of Access Points commissioned | User Capacity | Contact details |
|--------|-------------|--------------|------------------------------------|---------------|-----------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

Note:

1. Upload the copy of successful work completion certificates from client, Work Order/ Purchase Order, Self-certificate of completion (certified by the statutory auditor or work order and phase completion certificate from client etc.
2. Please mention only those projects which meet the criteria of eligible bidder.

FORM C: COMPLIANCE STATEMENT

| Sr. No | RFP Clause No. | RFP Clause | Complied / Not Complied | Comments |
|---|----------------|------------|-------------------------|----------|
| 1 | | | | |
| 2 | | | | |
| Note: The Clause by Clause Technical Compliance should be submitted by OEM duly signed by Power of Attorney. | | | | |

Form: T1 Make & Model List

| Item | Make | Model | Supporting Document uploaded? (Yes/No) |
|---|------|-------|--|
| Indoor Access Point (Type -1) As per Technical specifications including all applicable Licenses, Cables and Accessories, Installation & Commissioning | | | |
| Indoor Access Point (Type - 2)As per Technical specifications including all applicable Licenses, Cables, Accessories, Installation & Commissioning | | | |
| Outdoor Access Point as per Technical specifications including all applicable Licenses, Cables, Accessories, Installation & Commissioning | | | |
| Power Adaptor/Power Injector for Access Point of Same OEM make | | | |
| Wireless Controller with Wireless Intrusion Prevention System (WIPS) as per Technical specifications including all applicable Licenses, Cables, Accessories, Installation & Commissioning | | | |
| SMS Gateway (As per Technical Specifications) including Installation & Commissioning | | | |

| | | | |
|--|--|--|--|
| Network Management Tool (As per Technical Specifications) including all applicable Licenses | | | |
| User On boarding and RADIUS Server | | | |
| Firewall with Network Intrusion Prevention. (As per Technical Specifications) including all applicable Licenses, Cables, Accessories, Installation & Commissioning | | | |
| Failover Switch (As per Technical Specifications) including all applicable Licenses, Cables, Accessories, Installation & Commissioning | | | |
| Operation and Maintenance for 5 Years (Including all recurring expenses) | | | |

Form D: FORMAT FOR BID LETTER FORM

(Shall be uploaded a scanned copy on Bidder's letterhead duly signed by Authorized signatory)

Date:

To,
DGM (Tech)
Gujarat Informatics Ltd.
Block-1, 8th Floor,
Udhyog Bhavan, Gandhinagar.

Sub: Compliance with the tender terms and conditions, specifications and Eligibility Criteria

Ref: REQUEST FOR PROPOSAL (RFP) FOR SUPPLY, INSTALLATION, COMMISSIONING AND MANAGEMENT OF SACHIVALAYA CAMPUS WI-FI NETWORK CONNECTING TO SCAN (SACHIVALAYA CAMPUS AREA NETWORK) AT ALL THE BLOCKS OF NEW SACHIVALAYA CAMPUS IN GANDHINAGAR, GUJARAT.

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 we have examined the bidding documents, we the undersigned, offer to provide the MPLS Network project as detailed in the abovementioned bid submitted by us.

If our Bid is accepted, we undertake to;

1. Implement and manage Wi-Fi Network for a period of 5 years in conformity with the bidding documents (and as amended from time to time).
2. Execute all contractual documents and provide all securities & guarantees as required in the bid document (and as amended from time to time)
3. Provide the requisite services within the time frame as defined in the bid documents (and as amended from time to time)
4. Maintain validity of the Bid for a period of 1 year from the date of Bid opening as specified in the bidding document, which shall remain binding upon us and may be accepted at any time before the expiration of that period.

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.

Thanking you,

For <Name of the bidder>>
<<Authorized Signatory>>
<<Stamp of the bidder>>