

Subject: SOW and SOR for Supply, installation, and support of Wireless Access Points



Request For Proposal (RFP)

For

**Supply, installation,
configuration and support of Wireless Access Points
and Controllers for Gujarat Gas Ltd .**

1. Company Background

Gujarat Gas Limited (GGL) is India's largest City Gas Distribution (CGD) Company in terms of sales volume operating in 44 districts in 6 states of Gujarat, Maharashtra, Rajasthan, Haryana, Punjab & Madhya Pradesh and 1 Union territory of Dadra & Nagar Haveli.

GGL continues to hold the leadership position in CGD industry in terms of size and scale of operation, with more than 18.50 lakhs households, over 14,000 commercial customers, 751 CNG stations, 4,334 industrial units and over 34,700 kilometre of natural gas pipeline network.

GGL is committed to reach out to every possible natural gas user in its expanded GAs. The size and scale of the combined entity gives it the ability to achieve efficiencies and effectively manage the transformational changes in the sector. This major gain in productivity would benefit all the key stakeholders i.e. Customers and Shareholders.

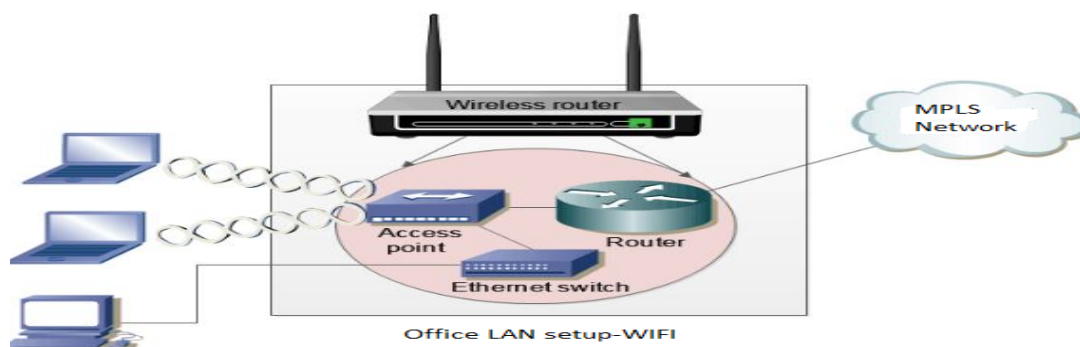
GGL is recently awarded with Business Today's Best CEO Award 2020 in the Oil & Gas category and Business Standard STAR PSU Award 2020. GGL is strategically aligned to energize India's natural gas vision.

* * Data as on 31st December 2025

2. Background

At Gujarat gas ltd , we have WIFI solution deployed almost 9-10 years ago . The existing WI-FI solution is old and has reached its shelf life and OEM has declared end of life and support not available .

IT team propose to deploy latest ENTERPRISE GRADE WIFI technology for wireless LAN connectivity at VC room and GGL corporate offices and other GGL office locations across PAN INDIA. WIFI Access point uses radio signals for connectivity. Any device which falls in its signal range can connect with it. This feature makes it more flexible.



3. Scope of Work

Gujarat GAS Ltd (GGL) plans to refresh the end of life Wi-Fi solution with new upgraded Wi-Fi technology at its Corporate office Gandhinagar and other GGL offices across PAN India to enable employees to connect to internal network over Wi-Fi. In this regard, proposals are invited for supply, installation, configuration and support of Wireless Access Points and Controllers as per below terms & conditions:

- Configuration of controllers in HA (active - passive) mode.
- Configuration of controllers to provide automatic DHCP based IP addresses to end-points connected to Access Points based on IP series provided by CLIENT.
- Supply of all items as per mentioned Bill of Material and technical specifications.
- Configuration & installation of Wi-Fi AP devices & switches (with all relevant accessories) at GGL office based on business requirements.
- Testing & commissioning of all Wi-Fi devices and controller along with submission of formal Installation Report & training to IT staff.
- Wi-Fi Controllers, Access points and PoE switches shall be from the same OEM only.
- Bidder has to handover entire solution in the working condition to CLIENT's IT team in the last quarter of the project completion.
- Buyback of old end of life Wi-Fi Access points refer Annexure-2 List of Wi-Fi Access points Considered for BuyBack

Bidder has to submit all types of login credentials, OEM's contact number and e-mail address along with complete documentation of each configuration and setup

Technical Specification - Wi-Fi Access Point Indoor Ceiling

| Sr No | Technical Specification | Compliance (Yes/No) |
|-------|-------------------------|---------------------|
|-------|-------------------------|---------------------|

| | | |
|----|---|--|
| 1 | AP type: Indoor, dual radio, 5GHz 802.11ax 4x4 MIMO and 2.4 GHz 802.11ax 2x2 MIMO Wi-Fi 6 | |
| 2 | Concurrent Users – minimum 200 | |
| 3 | Simultaneous client support on dual band radio is essential. | |
| 4 | All the access points must be centrally configured and managed through on-premises appliance-based controller. | |
| 5 | Access Point must support aggregate data rate of minimum 2.5 Gbps | |
| 6 | Security mechanisms must be in place to protect the communication between the Management Platform and the Access Points. | |
| 7 | AP must be supplied with all accessories including the appropriate mounting kit. | |
| 8 | The antennas must be integrated inside the access point enclosure and should be Omni-directional. | |
| 9 | The access point must support WPA2/WPA3 enterprise authentication and AES encryption. AP must support Authentication via 802.1X and Active Directory. | |
| 10 | The AP should support deep packet inspection to classify and block, prioritize, or limit bandwidth for thousands of applications in a range of categories | |
| 11 | Operating Temperature: 0°C - 45°C | |
| 12 | Operating Humidity: 10 % - 90 % non-condensing. | |
| 13 | Must be Wi-Fi Alliance Certified | |
| 14 | Access Point should have inbuilt BLE radio. | |
| 15 | The AP should have two PoE RJ-45 port with one port supporting at least 2.5Gbps and other port supporting at least 1Gbps speed. | |
| 16 | The AP should be POE and also have adaptor (Indian style power plug) / external power source option to provide power to AP. | |
| 17 | Should support minimum 8x SSIDs per AP radio | |
| 18 | The Access point should support cyclic delay / shift diversity (CDD/CSD) for improved downlink RF performance | |
| 19 | Access point should have console port | |
| 20 | The Access Point shall be offered with minimum five years hardware warranty with software updates / upgrades from OEM directly. | |
| 21 | Product should not be declared End-of-Sale by OEM for next 07 years from bid submission date. | |

| | | |
|----|---|--|
| 22 | Must operate as a sensor for wireless IPS / WIDS / WIPS | |
| 23 | AP must be thin AP's & must not be available to manage standalone in any given condition. | |

Technical Specification - Wi-Fi Controller at Datacentre

| Sr No | Technical Specification | Compliance (Yes/No) |
|-------|---|---------------------|
| 1 | The Solution must support 802.11ax primarily and should be backward compatible to 802.11 ac/n/a/b/g Wave 2 standards-based wireless Access Points. | |
| 2 | Must support IPv4 & IPv6. | |
| 3 | The proposed controller must have 2FA enable for at least 2 admins to access controller GUI with 2FA for security reasons. | |
| 4 | Must support Internet Group Management Protocol (IGMP) snooping and access point must transmits multicast packets only if a client associated to the access point is subscribed to the multicast group. | |
| 5 | The solution should support Guest Portal from Day 1 with multiple authentication Mechanisms | |
| 6 | The solution should be scalable to support WIPS, Rouge AP detection and Honeypot AP detection | |
| 7 | Should be able to provide insights based on successful connections/connected clients, coverage, capacity / performance, AP Uptime, Roaming and throughput. | |
| 8 | Should be able to integrate with various external authentication mechanism include the RADIUS servers, LDAP, AD etc. | |
| 9 | Must support Packet capture to enhance troubleshooting | |
| 10 | Wireless solution must support CCMP/AES, WEP 64-bit and 128-bit, TKIP, SSL and TLS, RC4 128-bit, RSA 1024-bit, RSA 2048-bit, L2TP/IPsec (RFC 3193), XAUTH/Ipsec and PPTP (RFC 2637) Encryption protocols. | |
| 11 | Each controller should support minimum 8 SSIDs and the on-premises controller should be scalable to handle around additional 50 APs or more in future. Management solution should be HA for On Premises. | |
| 12 | Must be able to time limit base access per SSID based uplink or downlink Bandwidth. | |
| 13 | Proposed solution must have dedicated console & USB interface. | |

| | | |
|----|--|--|
| 14 | Proposed solution must have at least 4 GE RJ45 & interface with short range Transceivers included from day 1. | |
| 15 | Integration & license for external Logging/reporting solution (hardware appliance based or virtual machine based) must be part of bidders offer from day 1. Log / reports should be available for the past 3 months. | |
| 16 | If bidder offers Virtual machine-based logging / reporting solution, then it should support virtualization in VMWare / Open-source based KVM or oVirt (Oracle virtualization) set-up. | |
| 17 | Must support user load balancing across Access Points and Hitless Failover. | |
| 18 | WIPS/WIDS solution should automatically blacklist clients when it attempts any attack. | |
| 19 | Must be able to limit per user-based uplink or downlink bandwidth | |
| 20 | Must be able to set a maximum per-user bandwidth limit on a per-SSID basis. | |
| 21 | Pre-staging of APs should be possible to have zero touch provisioning | |
| 22 | Should support bulk configuration | |
| 23 | Controller must support deep packet inspection for all user traffic across Layer 4-7 network to analyze information about applications usage, peak network usage times for all access points from day one | |
| 24 | Should be able to handle interference and shift the communication on another channel automatically if, needed | |
| 25 | Providing alerts when APs are down, or compromised RF environment is detected. | |
| 26 | Should be able to create access policies based on various groups / labels / subnets. | |
| 27 | Should be able to extend API to integrate with other systems as well. | |
| 28 | Must provide real-time charts/log showing interferers per access point, on a per- radio, per-channel basis. | |
| 29 | The Controllers shall be offered with minimum five years hardware warranty with software updates/upgrades from OEM directly | |
| 30 | Must be able to classify different types of interferences | |
| 31 | Product should not be declared End-of-Sale by OEM for next 2 years from bid submission date. | |

| | | |
|----|--|--|
| 32 | Controller must have capacity to act as a SD-WAN solution. (routing). | |
| 33 | Controller must support automatic DHCP based IP allocation to end points | |
| 34 | Controller must support DHCP based allocation of separate IP series for different SSIDs. | |
| 35 | Controller must have Dual Power Supply. | |
| 36 | End user traffic should be passed with each DHCP assigned separate IP without any NAT till Internet Gateway. | |

4. Terms and conditions

- Vendor must provide onsite comprehensive warranty (Parts, Labour, Configuration, Software Upgrade, Updates(critical hot fixes, service packs, and major upgrades) Vendor will provide contacts of all the resources and a clear escalation matrix for the support period.
- The Make and Model of Wi-Fi Access points deployed shall not reach end of life within 5 years from date of deployment at GGL office and end of support within 7 years
- Rack mounting, cabling, and integration with existing GGL IT infrastructure
- Once in year health check for all devices/ equipment's. Vendors can propose Industry best practices for proactive health check-up frequencies / methodologies.
- Availability of all necessary hardware and equipment's in nearby Warehouse preferably at Ahmedabad.
- 24*7 Remote monitoring & advance technical call log /part replacement for any issue
- During this period of contract period of 5 years , all upgrades for firmware, operating system upgrades , version upgrades, quick fixes and security patches to be made available to GGL at no extra cost
- All Configuration supports and new requirements related to devices must be provided, whenever required, remotely.
- Vendor must give escalation matrix with all the details as per following. there has to be minimum 3 level of escalation.

| Escalation Level | Name / Team | Availability (24x7 OR 8x5 etc) | Mobile | Telephone | E-mail | Address |
|------------------|-------------|---------------------------------|--------|-----------|--------|---------|
| | | | | | | |

Bidder shall provide Five (5) years onsite comprehensive warranty support (including but not limited to Parts, Labor, Configuration, Software Upgrade, Updates etc.).

Bidder shall provide contacts of all the resources and a clear escalation matrix for the 5 year support period.

5. Delivery

- Vendor shall be responsible for delivery of hardware & software both ordered at both Primary DC at GIFT CITY GANDHINAGAR & DR (currently in SURAT) or any other alternate site as per GGL requirement within 12 weeks from the date of issuance /award of Purchase order refer Annexure-1 list of GGL location for delivery of WiFi-Access points

6. Implementation

- Installation means mounting of Switches in Rack (If any) and “Power-On” all the hardware with all the accessories provided with the hardware. The point of delivery/ destination will be as defined by GGL in the purchase order
- Vendor shall be responsible for implementation of complete solution at both PR DC at GIFT City Gandhinagar & DR DC (currently in SURAT), Corporate offices within 12 weeks from delivery of Hardware.

7. SLA ,Warranty and Support

The bidder should provide 5 yrs. comprehensive warranty for the following:

- Subscription of all Software, Firmware and associated Licenses (of all features) and effective from installation day.
- Warranty for all the supplied Hardware/Software/Allied component
- Bidder should ensure that all features of Wi-Fi is functional without requirement of any additional procurements of H/W, S/W, Subscriptions and Licenses.
- All the Hardware or software replacements and delivery should be taken care by the bidder with no financial implications to GGL
- Service Level Agreement & Penalty for breach in SLA Bidders are required to consent to the following Service levels in the agreements and describe in detail the methodology adopted by them to provide the SLA"s to GGL. GGL expects the following Service level assurances for the equipment/services:
- Vendor will provide 24x7x365 days support for after successful commissioning Wi-Fi Access point Setup. The support will be provided remotely by telephone/mail/remote sharing based on trouble-ticket raised by GGL.
- Successful bidder has to maintain service response time during entire contract period. The Service response time & subsequent penalty applicable (in case of failure of maintaining service response time) is as mentioned below:
- Onsite service and support should be on 24x7x365 basis.
- **Response and Resolution Time:** Response and resolution time should be within 04 hours commenced from the time and date of the complaint registration by CLIENT official through e-mail / WhatsApp / mobile communication. Bidder shall provide remote as well as onsite support (when required) for all troubleshooting activities, firmware upgrade, patches etc. Bidder shall ensure onsite visit of technical resource for critical issues not resolvable remotely.

- **Replacement time:** If bidder found replacement / repairing of faulty appliances then it should be brought into the notice of CLIENT's designated authority and faulty replacement / repairing should be completed within next business day from the day of the complaint registration. Replacement appliance / part shall be of same make and model (higher technical configuration in case discontinuation declared by OEM).

○

8. Penalty Terms

- Material Delivery delay – penalty of 0.5 % of the overall material basic cost per week of delay, maximum penalty of 10% of overall Material cost.
- Implementation delay - penalty of 0.5 % of the overall material basic cost per week of delay, maximum penalty of 10% of overall project implementation cost
- SLA Violation -GGL shall impose a penalty of INR 5,000/- (Indian rupees) per instance for not meeting the agreed SLA, Maximum Penalty in year shall not exceed 10% of total yearly support cost .

Exclusion from SLA:

- Failure of electrical power supply / LAN / WAN at CLIENT premises.
- The scheduled outages / planned maintenance.
- Down time due to failure or malfunction of any equipment or services not .
- Successful bidder will require to plan for 'scheduled outages / planned maintenance' in advance with prior approval of CLEINT. This will be planned during non - working hours. In exceptional circumstances, CLIENT may allow successful bidder to plan scheduled downtime in working hours. The scheduled outages / planned maintenance will include activities like software upgrades, patch management, security software installations etc.

9. Payment Terms

- Bidder should send all of their invoice via GGL vendor portal for invoice processing with digital Signature.
- The GST should be indicated separately as per the Commercial Bid Form.
- Bids shall be quoted and payment shall be made in Indian Rupees only for the services
- Invoice must be generated with IRN & Digital signature.
- Invoice must be generated in Monthly / quarterly UOM (Unit of measurement) and as per GGL requirement.
- No payment shall be made to the vendor until Performance BG is submitted and duly verified with the Issuing Bank by GGL.
- The bidder may raise invoices on a quarterly basis in arrears and payment will be released on a

quarterly basis, upon satisfactory delivery of the services for the said period, subject to any penalty levied on the supplier with the confirmation from Engineer- In – Charge.

- No additional payment apart from the tender bid value will be done under any circumstances.
- All payments will be made by adopting electronic clearing system and electronic fund transfer.
- Deduction of Income Tax, Goods and Services Tax and other applicable statutory duties would be as per the extant laws.

| Sr no | Description | Payment terms |
|-------|--|--|
| 1 | Hardware (Including software licenses ,subscription of 5 years) Installation alongwith one year warranty | <ul style="list-style-type: none"> • 70% of payment on hardware delivery of devices at all GGL Locations • 30% of payment on successful installation and commissioning of all Hardware and submission of installation report duly signed /certified by GGL Network SME |
| 2 | Support for 2nd , 3rd ,4th and 5th Year | <ul style="list-style-type: none"> • 1st, 2nd ,3rd and 4th year payment at start of the each year • 5th year payment at end of contract . |

10. **Defect Liability:** Not Applicable.

11. **CPBG:** Applicable as per GGL terms and condition.

12. QHSE REQUIREMENTS

SCOPE AND APPLICATION

Contractor/Service providers are the key stakeholder and an integral part of Gujarat Gas Ltd (GGL's) business. Contractors'/Service provider' Quality, Health, Safety and Environment (QHSE) performance reflects on the company's business performance and reputation. GGL has established QHSE Management Systems, Procedures & Guidelines to ensure compliance with GGL's QHSE requirements. These requirements apply to all jobs whilst conducting work for GGL including; Project, Construction, Operation & Maintenance, Field Operations and Services within any given contract or agreement.

The overall objective of QHSE management in contract/agreement is to improve the company and Contractor's/Service providers' QHSE performance in all aspects of activities. Active and on-going participation by both the GGL and Contractor/Service provider is essential to achieve this objective.

RESPONSIBILITIES

It is responsibility of GGL management and staffs to ensure that all Contractors/Service providers work under their direction & control are provided with relevant Integrated Management System (IMS) Policies, Procedures & Guidelines that describe the GGL requirements for undertaking work within the company. It is also the responsibility of Contractors/Service providers to ensure that their staff are informed of and comply with GGL's requirement whilst working for the company.

GGL HSE department provides advice and assistance on QHSE requirements across the complete spectrum of all work activities. Contract Owner (Department Head) and Contract Holder (Work in-charge) are responsible to ensure safe execution of work/service include the following:

1. Ensuring that the QHSE Policy, Procedures & Guidelines are known and understood by all contractors'/service providers' staff and work force
2. Monitoring, Inspecting & Auditing execution of work, activities to ensure adherence to the QHSE compliance requirements.

The Contractors'/Service provider' will take the responsibility for implementation of GGL's QHSE Policy, Procedures, Guidelines and other requirements with the advice and support of the GGL's Contract Owner / Contract Holder and HSE representative.

Contractor/Service provider to ensure that all aspects relating to QHSE are adequately addressed and implemented in accordance with the GGL QHSE requirements and QHSE Management Plan, which shall include the management processes and activities to be implemented during the course of work with GGL.

Contractor/Service provider shall be responsible for ensuring that adequate HSE resources are put in place to enable satisfactory implementation of QHSE Management Plan.

This responsibility also applies to ensure the Health and Safety of the people are directly and indirectly engaged / involved whilst working or present at GGL's work area / sites.

EXECUTION

1. Contractor/Service provider is responsible to ensure the compliance with GGL QHSE requirements. GGL overall QHSE performance is directly influenced by the contractors' performance.
2. Contractor/Service provider is responsible for QHSE compliance monitoring at site/work activities to ensure that work/activity is performed in a safe manner. Moreover, they are responsible for reporting of all incidents, Hazard and Near Miss that might happen during work/activity
3. Contractor/Service provider shall follow and comply with GGL "Work Permit" system During work execution and activities, GGL team will regularly monitor and evaluate the performance of the

Contractor/Service provider to identify the shortfalls and weaknesses and assist to improve the overall performance including QHSE performance through CPAR process (as applicable)

4. We believe that everyone at GGL, Employees, Contractors, Service providers and Associates have the right to go home safely to their families.

| QHSE Defaults and Penalties (As applicable) | | |
|---|---|---|
| SN | Description | Penalty amount (will be decided by Contract Owner) |
| 1 | Lost Time Injury | Rs. 5000/Instance |
| 2 | Non-compliance - HSE Engineer | NA |
| 3 | Un authorized work | NA |
| 4 | Work without PtW/WA | NA |
| 5 | Non-compliance - Safety Training Card (STC) | NA |
| 6 | Non-compliance - Health Check up | NA |
| 7 | Non-compliance - PPEs | NA |

Remark: Issuance of MEMO against HSE non-compliances including above-mentioned defaults shall be decided by Contract Holder

QHSE GUIDELINE (AS APPLICABLE) FOR ALL TYPE OF CONTRACTS

- Contractor/Service provider...
 - a) Shall ensure that all staff/work force comply with the requirements of the GGL HSE Management System, QHSE policy, standard, procedures, guideline, plan & Life Savers at work site
 - b) Shall ensure issuance of Identity Card to their team members
 - c) Shall apply and obtain Permit to work (PTW/WA) before start of the work
 - d) Shall arrange work related Personal Protective Equipment (PPEs) for their staff/work force and ensure proper use during the execution of job
 - e) Shall carry out the work within the duty hours/office hours. No Work shall be carried out without permission of GGL's representative beyond the official duty hours unless otherwise agreed upon prior to start of work and recorded appropriately
 - f) Shall ensure that all tools, tackles, appliances, machines, vehicles, instruments or other equipment are Fit for Purpose and maintained safe working condition at all times and are used only by authorized and competent persons
 - g) Shall ensure that all the QHSE requirements are properly discussed for any sub-contracted activities with GGL. No such activity shall be performed without clearance from GGL management
 - h) Shall ensure that all Hazards, Near miss, accident, incident, injuries are reported promptly to GGL. Action arises due to reported Hazards, Near miss, incident investigation; audit/inspection shall be closed out as per agreed timelines with site in-charge
 - i) Shall deploy staff & work force trained, qualified and competent for the work and well aware of risks and mitigation action/s for the activities undertaken

- j) Shall make necessary arrangements for safe custody of equipment, materials in stores/warehouse and at site shall ensure safe transportation, Internet proxy solution and handling of materials to prevent any damage, which may impair safe performance of the equipment / material etc.
 - Shall initiate immediate actions to hospitalize injured person(s)
- k) Shall ensure an injury free, incident free workplace and protect people from harm caused by work activities
- l) Shall ensure use of seatbelts while driving four-wheeler and use of crash helmet for Two wheeler riders during job execution
- m) Shall ensure Lock out and Tag out (LOTO) after de-energizing and double check before starting any jobs. In case of conducting job for the purpose of fault finding & monitoring of voltage & current it is to be considered live working and all PPE'S to be worn to avoid exposure of flash arc current
- n) Shall take note that the use of open wires in sockets, use of wires with tape joints shall not be accepted at work site.
- o) Shall ensure proper collection, Network devices and disposal of solid / liquid waste as per GGL procedure and guideline
- p) Staff/work force shall not smoke or resort to misuse of drugs, medicines or alcohol while on duty
- q) In case of any incident like fire, gas leakage etc. due to gross negligence of the Contractor's staff/work force, GGL reserves the right to impose penalty up to actual damage cost and or termination of work order depending upon the gravity of the situation.
 - Any breach of the QHSE requirements shall be deemed by the company to be a material breach of the terms & condition of the contract. GGL shall be entitled to take appropriate actions including instructing the contractor to (a) remedy the breach; (b) suspend the work or (c) terminate the contract.

All activities shall be carried out as per GGL's documented procedures and QHSE requirements; deviation from it shall be dealt with very strictly.

Contractor shall ensure that all tools, appliances, machines, vehicles or other equipment, are in safe working condition

- All activities shall be carried out as per GGL documented procedure and HSE requirement, and deviation from it shall be dealt with very strictly.

Annexure -1 List of location where Wi-Fi access points are to be deployed across GGL offices

| Sr No | GA Zone | Location | Address | Nos of Access Points |
|-------|------------------|---|---|----------------------|
| 1 | Corporate Office | A Wing , B wing and C wing, MD, Chairman, VC Room | Tower - 2, Ground & First Floor, Infocity, Gandhinagar | 14 |
| 2 | Surat | Surat Zonal Office | Plot no. 87-88, Mahyavanshi Mohallo, Adajan Gam Surat - 395009 Gujarat | 5 |
| 3 | Surat-Zone | New offices | Address Will be share soon | 6 |
| 4 | Gandhinagar | Sector-5-Gandhinagar | Gujarat Gas CNG Station, Sector 5/C, Gandhinagar - 382006 Gujarat | 4 |
| 5 | Gandhinagar | GSPC-Bhavan | GSPC Bhavan Rd, behind Udyog Bhavan Road, Sector 11, Gandhinagar, Gujarat 382010, India | 7 |
| 6 | Morbi | Morbi Zonal Office | Plot No. 47,48,55,56, Shakti Industrial Estate, B/h. Shakti Chamber, Opp. Hotel Regenta, Morbi-Wankaner Highway Morbi - 363642 | 4 |
| 7 | Rajkot | Rajkot GSPL Office | Opp. Kalaniketan Apartment, RK Nagar Main Road, Opp. Crystal Mall, Behind Rani Tower, Kalawad Road, Rajkot - 360005 | 4 |
| 8 | Surendranagar | Wadhwan | Gujarat Gas CNG Mother Station, Opp. Bapa Sitaram Madhuli, Kothariya Road,Wadhwan - 363030 District: Surendranagar, Taluka: Wadhwan Gujarat | 2 |
| 9 | Jamnagar | Jamnagar Zonal Office | Opp Mehul Cinema, Jamanagar - Khambhaliya Road, Near Samarpan Circle Jamnagar, Jamnagar - 361006 Gujarat | 2 |
| 10 | Bhavnagar | Bhavnagar Zonal Office | 101, First Floor, Iscon Parasmani, Opp. Doctor Hall, Diamond Chowk, Opp. Mahila College Bhavnagar - 364001 Gujarat | 2 |
| 11 | Amreli | Amreli | Gujarat Gas Limited, Behind District Panchayat Office, Civil Hospital Road Amreli - 365601 District: Amreli | 2 |

| | | | | |
|----|-----------------|------------------------|---|---|
| 12 | Kutch (W) | Bhuj Zonal Office | Time Square Empire, Shop no 24, 123 & 124, Survey no 870/11, Bhuj Mirzapar Highway, Nr. GMDC Guest House Bhuj Bhuj, Kutch - 370001 Gujarat | 2 |
| 13 | Gandhinagar | Sanand Zonal Office | Shop No. 101 to 102 ,Gokuldharm Arcade, Above HDFC Bank Sanathal - Sanand highway, Sanand, Ahmedabad - 382210 Gujarat | 2 |
| 14 | Central Gujarat | Dabhan | B/h. Gujarat Gas CNG Station, Opp. Chintamani Automobiles, Near Asian Food, Off National Highway 8, Dabhan, Nadiad - 387320 District: Nadiad Gujarat | 2 |
| 15 | Dahod GA | Dahod Office | Survey no. 114, Shri Dwarkesh, 1st Floor Near Sai Petrol Pump & Kamlam BJP office Jhalod Road, Chhapari ,Dahod - 389151 | 1 |
| 16 | Central Gujarat | Halol | 1st Floor, Gujarat Gas CNG Station Near Government Rest House,Vadodara Road,Halol - 389350,District: Panchmahal Taluka: Halol,Gujarat | 1 |
| 17 | Narmada | Vavdi Office | Gujarat Gas COCO LCNG Station, Survey No. 424, Village: Vavadi, Tal: Nandod, Dist: Narmada.,Vavadi - 393145,Gujarat | 2 |
| 18 | Bharuch | Bharuch | Son Talavadi, Near Anand Mangal Society Bharuch - 392001 Gujarat | 2 |
| 19 | Bharuch | Ankleshwar Main Office | Surti Bhagol, Umarwada Road, via Piraman Naka Ankleshwar - 393001, Gujarat | 4 |
| 20 | Bharuch | Dahej | Gujarat Gas CNG Station, Plot No. CH-14, RS No. 746/P & 747/P, Near Meghmani Fine-Chem, GIDC Dahej, Taluka Vaghra Bharuch - 392130 Gujarat | 1 |
| 21 | Navsari | Navsari | 1st Floor, Sapphire - "B" Building, Opp: Tata Hall, Dudhiya Talav Road Navsari - 396445 District: Navsari Gujarat | 2 |
| 22 | Valsad | Valsad | Madhumani Park, Beside Rajhans Cinema, | 2 |

| | | | | |
|----|---------|-------------------|---|---|
| | | | Valsad - Parnera Road, Valsad - 396007 | |
| 23 | Valsad | Vapi-Zonal-Office | Plot No. C-5 /101/1 of GIDC, Opp: CNG Station- Tanu Motors, Nr. GIDC Char Rasta N.H No.-08, Vapi - 396195 | 2 |
| 24 | DNH | Silvasa | Shop No-147 to 149, First Floor, Landmark Complex, Silvassa -Khanvel Road, Before District Court Silvassa - 396230 Dadra and Nagar Haveli | 2 |
| 25 | Thane | Boisar Office | Plot No : J 247/5, Near Khaira Phata, Tarapur Industrial Estate, MIDC, Boisar, Dist. Palghar, Boisar - 401505 Maharashtra | 2 |
| 26 | Thane | Vasai office | Joy Villa,GK 01/13494, Ground Floor,Evershine City main Gate, Bh. Celebrity Hotel, Gokhivare, Vasai (East) - 401208 Maharashtra | 2 |
| 27 | Punjab | Amritsar | HT Tower, SCO-132, 2nd Floor, B-Block, Ranjit Avenue, Amritsar - 143001 Punjab | 4 |
| 28 | Punjab | Bathinda | Opposite to Lake No. 3,Beside Green Resorts (Handi Restaurant),Goniana GT Road, Bathinda - 151003, Punjab | 2 |
| 29 | Punjab | Hoshiarpur office | 1st Floor, J.S.Complex, near Basra Electricals, Govt. college chowk, Hoshiarpur-Phagwara road Hoshiarpur - 146001 | 1 |
| 30 | Punjab | Batala Office | SRK Complex, Municipal number: B25-0140, Jalandhar Road, Batala - 143505 District: Gurdaspur | 1 |
| 31 | Punjab | Gurdaspur office | Kalanaur Road, Behind Raja Filling Station (HPCL-RO), Gurdaspur - 143521 Punjab | 1 |
| 32 | Punjab | Faridkot office | Ground Floor, Batth Complex, Old Cantonment Road,Beside of Cooperative Bank ,Faridkot - 151203 Punjab | 1 |
| 33 | Haryana | Sirsa office | 1st Floor, SCF 26, Near HUDA Office, Sector-20, Part-2 Sirsa - 125056 Haryana | 1 |

| | | | | |
|--------------|-----------|------------------|---|------------|
| 34 | Ujjain | Ujjain office | 2nd Floor, Asra Tower, Plot No. C/25/3, Malakal Vanijyik Kendra, Nana Kheda Ujjain - 456010 Madhya Pradesh | 2 |
| 35 | Ratlam | Ratlam Office | GF, 12/1, Shiv Sai Complex, Fountain Chowk, MHOW Neemach Road, Ratlam - 457001 Madhya Pradesh | 2 |
| 36 | Aburoad | Abu Road Office | Ajmer Tower, 1st Floor, Opp Akkar Bhatta, Besides Navneet Moter, Mount Road, Abu Road - 307026 Rajasthan | 2 |
| 37 | Dungarpur | Dungarpur Office | Gujarat Gas Limited, C/o, Vinodkumar Jain, First Floor, Above Sajan, Shringar, Pratapnagar, Dungarpur, Rajasthan 314001 | 1 |
| 38 | Banswara | Banswara office | Banswara Gujarat Gas Ltd, Opp. Viragana Cinema, Dahod Road, Banswara, Rajasthan 327001 BANSWARA, Rajasthan, 327001 | 1 |
| Total | | | | 100 |

Annexure-2 List of Wi-Fi Access points Considered for BuyBack

| Sr No | GA Zone | Location | Make | Model | SerialNumber |
|-------|---------|------------------------|-----------|----------------|------------------|
| 1 | Surat | Surat Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022127 |
| 2 | Surat | Surat Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022154 |
| 3 | Surat | Surat Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022449 |
| 4 | Surat | Surat Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022409 |
| 5 | Surat | Surat Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022184 |
| 6 | Bharuch | Bharuch | Fortigate | FortiAP 421E-D | FP421ETF20022147 |
| 7 | Bharuch | Ankleshwar Main Office | Fortigate | FortiAP 421E-D | FP421ETF20021863 |
| 8 | Bharuch | Ankleshwar Main Office | Fortigate | FortiAP 421E-D | FP421ETF20021856 |
| 9 | Bharuch | Ankleshwar Main Office | Fortigate | FortiAP 421E-D | FP421ETF20022178 |

| | | | | | |
|----|------------------|--------------------------------|-----------|----------------|------------------|
| 10 | Corporate Office | Infocity Tower - 2 1st- A Wing | Fortigate | FortiAP 421E-D | FP421ETF20022228 |
| 11 | Corporate Office | Infocity Tower - 2 1st- A Wing | Fortigate | FortiAP 421E-D | FP421ETF20022465 |
| 12 | Gandhinagar | Sector-5- Gandhinagar | Fortigate | FortiAP 421E-D | FP421ETF20022480 |
| 13 | Corporate Office | Infocity Tower - 2 1st- A Wing | Fortigate | FortiAP 421E-D | FP421ETF20022509 |
| 14 | Corporate Office | Infocity Tower - 2 1st- B Wing | Fortigate | FortiAP 421E-D | FP421ETF20022439 |
| 15 | Ratlam | Ratlam | Fortigate | FortiAP 421E-D | FP421ETF20022167 |
| 16 | Corporate Office | Infocity Tower - 2 1st- A Wing | Fortigate | FortiAP 421E-D | FP421ETF20022257 |
| 17 | Punjab | Amritsar | Fortigate | FortiAP 421E-D | FP421ETF20021862 |
| 18 | Punjab | Bathinda | Fortigate | FortiAP 421E-D | FP421ETF20022503 |
| 19 | Gandhinagar | Sector-5- Gandhinagar | Fortigate | FortiAP 421E-D | FP421ETF20021086 |
| 20 | Gandhinagar | Sector-5- Gandhinagar | Fortigate | FortiAP 421E-D | FP421ETF20022104 |
| 21 | Jamnagar | Jamnagar COCO Station | Fortigate | FortiAP 421E-D | FP421ETF20021056 |
| 22 | Morbi | Morbi Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20021017 |
| 23 | Kutch (W) | Bhuj Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022194 |
| 24 | Rajkot | Rajkot Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022478 |
| 25 | Valsad | Valsad | Fortigate | FortiAP 421E-D | FP421ETF20022190 |
| 26 | Thane | Thane Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022343 |
| 27 | Ujjain | Ujjain | Fortigate | FortiAP 421E-D | FP421ETF20028571 |

| | | | | | |
|----|------------------|--------------------------------|-----------|----------------|------------------|
| 28 | Valsad | Vapi-Zonal-Office | Fortigate | FortiAP 421E-D | FP421ETF20022258 |
| 29 | Bhavnagar | Bhavnagar Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022161 |
| 30 | Navsari | Navsari | Fortigate | FortiAP 421E-D | FP421ETF20022428 |
| 31 | Corporate Office | Infocity Tower - 2 1st- B Wing | Fortigate | FortiAP 421E-D | FP421ETF20022337 |
| 32 | Corporate Office | Infocity Tower - 2 1st- B Wing | Fortigate | FortiAP 421E-D | FP421ETF20022269 |
| 33 | Bharuch | Dahej | Fortigate | FortiAP 421E-D | FP421ETF20022438 |
| 34 | Central Gujarat | Dabhan | Fortigate | FortiAP 421E-D | FP421ETF20022174 |
| 35 | Corporate Office | Ahmedabad-GSFC | Fortigate | FortiAP 421E-D | FP421ETF20022189 |
| 36 | Central Gujarat | Dabhan | Fortigate | FortiAP 421E-D | FP421ETF20022096 |
| 37 | Gandhinagar | Sanand Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022155 |
| 38 | Central Gujarat | Halol | Fortigate | FortiAP 421E-D | FP421ETF20022024 |
| 39 | Dahod GA | Dahod New Office | Fortigate | FortiAP 421E-D | FP421ETF20022163 |
| 40 | Thane | vapi zone | Fortigate | FortiAP 421E-D | FP421ETF20022153 |
| 41 | Aburoad | Abu Road Office | Fortigate | FortiAP 421E-D | FP421ETF20022176 |
| 42 | DNH | Silvasa | Fortigate | FortiAP 421E-D | FP421ETF20021050 |
| 43 | Surendranagar | Wadhwan | Fortigate | FortiAP 421E-D | FP421ETF20022256 |
| 44 | Morbi | Morbi Zonal Office | Fortigate | FortiAP 421E-D | FP421ETF20022187 |
| 45 | Gandhinagar | GSPC-Bhavan | Fortigate | FortiAP 421E-D | FP421ETF20022164 |
| 46 | Rajkot | Rajkot GSPL Office | Fortigate | FortiAP 421E-D | FP421ETF20022249 |

| | | | | | |
|----|---------------------------|--------------------------------|-----------|----------------|------------------|
| 47 | Amreli | Amreli | Fortigate | FortiAP 421E-D | FP421ETF20021851 |
| 48 | Gandhinagar | GSPC-Bhavan | Fortigate | FortiAP 421E-D | FP421ETF20022254 |
| 49 | Corporate Office | Avdhesh House Ahmedabad | Fortigate | FortiAP 421E-D | FP421ETF20028676 |
| 50 | Corporate Office | Infocity Tower - 2 1st- A Wing | Fortigate | FortiAP 421E-D | FP421ETF20022271 |
| 51 | Thane | VASAI | Fortigate | FortiAP 421E-D | FP421ETF20023008 |
| 52 | Gandhinagar | GSPC Bhavan | Fortigate | FortiAP 421E-D | FP421ETF20023007 |
| 53 | Corporate Office | GSPC Bhavan | Fortigate | FortiAP 421E-D | FP421ETF20023019 |
| 54 | Corporate Office | Infocity Tower - 2 1st- A Wing | Fortigate | FortiAP 421E-D | FP421ETF20022995 |
| 55 | Gandhinagar | Faridkot | Fortigate | FortiAP 421E-D | FP421ETF20030508 |
| 56 | Amritsar | Amritsar | Fortigate | FortiAP 421E-D | FP421ETF20021425 |
| 57 | Gandhinagar | Sector-5- Gandhinagar | Fortigate | FortiAP 421E-D | FP421ETF20021598 |
| 58 | Corporate Office | Infocity Tower - 2 1st- A Wing | Fortigate | FortiAP 421E-D | FP421ETF20021550 |
| 59 | HOSHIARPUR & GURDASPUR GA | Batala Office | Fortigate | FortiAP 421E-D | FP421ETF20018439 |
| 60 | Bathinda GA | Sirsa | Fortigate | FortiAP 421E-D | FP421ETF20021087 |