



**Smart City Ahmedabad Development Limited**  
CEO, Smart City Ahmedabad Development Ltd (SCADL), Ahmedabad  
Municipal Corporation, Sardar Patel Bhavan, Danapith, Ahmedabad,  
Gujarat 380001



## Corrigendum 1

**Tender No:** 2 Smart City Ahmedabad Development Ltd (SCADL) 241969

241969- Notice Inviting RFP for Supply, Installation and Commissioning of Leased Circuit & Internet Bandwidth for Ahmedabad Smart City Project for Smart City Ahmedabad (Gujarat) – Smart city Ahmedabad Development Ltd(SCADL)

Please read following revised dates across the RFP:

#	Information	Details
1	Online Price Bid Submission Date	22/02/2017 upto 18:00 Hrs
2	Technical Bid Submission (in Hard Copy) Filled-in Technical Bid along with Bid Fee, EMD and other documents	In Sealed envelope strictly by RPAD/ Postal Speed Post/ Courier on or before 23/02/2017 17:00 Hrs to CEO Smart City Ahmedabad Development Ltd (SCADL), Ahmedabad Municipal Corporation, Sardar Patel Bhavan, Danapith, Ahmedabad, Gujarat 380001 with necessary documents (Tender Fee, EMD, etc.) as mentioned in the RFP
3	Presentation / demo on technical solution by bidders	To be Informed Later
4	Opening of Financial Proposal	To be intimated to the qualified bidders
5	Contact person and email id	smartcity@ahmedabadcity.gov.in

# Supply, Installation and Commissioning of Leased Circuit & Internet Bandwidth for Ahmedabad Smart City Project



Last Date of Receipt of Bid : 01/02/2017 up to 1700 Hrs

**Bid Processing Fee: Rs. 25,000/- (Rupees Twenty five thousand only)**



Invited By:  
Smart City Ahmedabad Development  
Limited  
Ramanbhai Patel Bhavan, Usmanpura  
Ahmedabad  
Gujarat- 380013



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

- ✓ This is a Bid for Supply, Installation and commissioning of leased circuits for Ahmedabad Smart City Project.
- ✓ Bidder shall upload their bids on <https://www.amc.nprocure.com>.
- ✓ The Bid Security and non-refundable bid processing fees in a separate sealed envelope super scribed with the bid document number to SCADL 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.
- ✓ Bidder shall quote the prices of services as mentioned valid for **180 days after the date of bid opening**.
- ✓ The duration of the Contract period for this activity will be of **3 years**.

In addition to this RFP, the following sections attached are part of Bid Documents.

Section – 1	Project Profile
Section – 2	Scope of Work
Section – 3	Eligibility Criteria
Section – 4	Instructions to the Bidders
Section – 5	Price Bid
Section – 6	Annexures
Section – 7	SLA Agreement

**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.ahmedabadcity.gov.in](http://www.ahmedabadcity.gov.in) and <https://amc.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://amc.nprocure.com>
- Bidders who wish to participate in this bid will have to register on <https://amc.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 on email ID of SCADL at [smartcity@ahmedabadcity.gov.in](mailto:smartcity@ahmedabadcity.gov.in)



## Important Dates

### Supply, Installation and commissioning of leased circuits & Internet Bandwidth for Ahmedabad Smart City Project

1.	Contract Period	3 Years
2.	Delivery	Services to be offered as per schedule from the date of the Acceptance of Lol/ PO.
3.	Pre-Bid Meeting	21/01/2017 at 12 noon
4.	Bid Due date	Till 01/02/2017 up to 1700 Hrs
5.	Date & Time of opening of Technical & Commercial stage	Will be intimated to the qualified bidders at a later date.
6.	Venue of opening of Technical & Commercial Bid/s	2 <sup>nd</sup> Floor, Conference Hall – 1, Danapidh, Ahmedabad Municipal Corporation office, Gujarat.
7.	Bid Processing Fees (Non-refundable)	Rs.25,000/- (Rupees twenty five thousand only)
8.	Bid security (EMD)	Rs.2,50,00,000 (Rupees two crores and fifty lacs only)
9.	SCADL Contact person	E-mail: <a href="mailto:smartcity@ahmedabadcity.gov.in">smartcity@ahmedabadcity.gov.in</a>

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

Chief Executive Officer  
Smart City Ahmedabad Development Limited  
Ramanbhai Patel Bhavan, Usmanpura  
Ahmedabad



## Disclaimer

The information contained in this Request for Proposal document (“**RFP**”) whether subsequently provided to the bidders, (“**Bidder/s**”) verbally or in documentary form by Smart City Ahmedabad Development Limited (henceforth referred to as “**SCADL**” in this document) or any of its employees or advisors, is provided to Bidders on the terms and conditions set out in this Tender document and any other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is not an offer or invitation to any party. The purpose of this RFP is to provide the Bidders or any other person with information to assist the formulation of their financial offers (“**Bid**”). This RFP includes statements, which reflect various assumptions and assessments arrived at by SCADL in relation to this scope. This Tender document does not purport to contain all the information each Bidder may require. This Tender document may not be appropriate for all persons, and it is not possible for the Chief Executive Officer, SCADL and their employees or advisors to consider the objectives, technical expertise and particular needs of each Bidder. The assumptions, assessments, statements and information contained in the Bid documents, may not be complete, accurate, adequate or correct. Each Bidder must therefore conduct its own analysis of the information contained in this RFP and to seek its own professional advice from appropriate sources.

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

SCADL and their employees and advisors make no representation or warranty and shall incur no liability to any person, including the Bidder under law, statute, rules or regulations or tort, the principles of restitution or unjust enrichment or otherwise for any loss, cost, expense or damage which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, reliability or completeness of the RFP, and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way in this Selection Process.

SCADL also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this RFP. SCADL may in its absolute discretion, but without being under any obligation to do so, can amend or supplement the information in this RFP.

The issue of this Tender document does not imply that SCADL is bound to select a Bidder or to appoint the Selected Bidder (as defined hereinafter), for implementation and SCADL reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by SCADL or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and SCADL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation for submission of the Bid, regardless of the conduct or outcome of the Selection process.



## 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 as per the requirement.
2. "Acceptance Test Document" means a document, which defines procedures for testing the Ahmedabad Smart City Network against requirements laid down in the Agreement.
3. "Agreement" means the Service Level Agreement to be signed between the successful bidder and SCADL 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.
4. "Authorized Representative/ Agency" shall mean any person/ agency authorized by either of the parties.
5. "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 SCADL signs the Service Level Agreement for executing the project.
6. "AMC" shall stand for Ahmedabad Municipal Corporation.
7. "SCADL" Smart City Ahmedabad Development Limited
8. "Center" means Zonal Offices of AMC
9. "Contract" is used synonymously with Agreement.
10. "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.
11. "Default Notice" means the written notice of Default of the Agreement issued by one Party to the other in terms hereof.
12. "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 SCADL of the benefits of free and open competition.
13. "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.
14. "GoI" shall stand for Government of India.
15. "Implementation Period" shall mean the period from the date of signing of the Agreement and up to the issuance of Final Acceptance Certificate.
16. "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.
17. "LoI" means Letter of Intent, which constitutes the intention of the SCADL to place the Purchase Order with the successful bidder.
18. "Work order" shall mean a formal order issued by SCADL to the successful bidder covering delivery timelines, SLA and other terms and conditions.
19. "Operator" means the entity/company providing the services / executing the project under the Agreement and is used synonymous with Bidder/Successful Bidder. Request for Proposal: leased circuit



Services for Ahmedabad Smart City Project.

20. "Period of Agreement" means 3 years' period starting with the commissioning of Last leased circuit link for Ahmedabad Smart City Project. The bidder will be engaged by SCADL to provide leased circuit connectivity to all Locations for an initial period of 3 years extendable to 5 years.
21. "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.
22. Request for Proposal", means the detailed notification seeking a set of solution(s), services(s), materials and/or any combination of them.
23. "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.
24. "Site" means the location(s) for which the Contract will be signed and where the service shall be provided as per agreement.
25. "Service" means provision of Contracted service viz., operation, maintenance and associated services for Ahmedabad Smart City Project.
26. "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 SCADL. 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.
27. "Third Party Agency" means any agency, if/as appointed by SCADL for monitoring the Ahmedabad Smart City Project during commissioning and operation.
28. "Termination Notice" means the written notice of termination of the Agreement issued by one Party to the other in terms hereof.
29. "Unplanned link Outage" means an instance other than the planned link outage in which no traffic can pass on the selected link through which offices are connected.
30. "Uptime" means the time period when specified services with specified technical and service standards as mentioned in Section-5 are available to SCADL 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"
31. "% Uptime" means ratio of 'up time' (in minutes) in a quarter to Total time in the quarter (in minutes) multiplied by 100.



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# ***SECTION: 1***

## ***PROJECT PROFILE***



## **PROJECT PROFILE**

The city of Ahmedabad has emerged as Gujarat's core city in technological development and innovation. The city has established its position as a pioneer in implementing numerous Smart initiatives in areas ranging from transit, eGovernance, solid waste management to water supply and many more. Additionally, Ahmedabad has been selected among the top 20 smart cities in India for which it receives funding from Ministry of Urban Development (MoUD) for projects under its smart city proposal. Ahmedabad smart city proposal includes several Pan City and Area Based Development initiatives with a focus on both infrastructure and ICT advancements in the city and at strategic locations.

Most of the ICT initiatives have been identified with a predominant objective to improve public safety and surveillance, traffic management, public services quality, emergency response and real time tracking of services. The City Wide Network is one of the significant projects among the Pan City initiatives. In this ambitious endeavor, laying of own Optic Fibre Network at around 170 km long BRTS corridor has already begun as part of the first phase of execution. This will act as the core backbone of the city wide network. The primary function of city wide network is to connect all AMC offices, city civic centers, urban health centers, schools and municipal buildings, thereby reducing future bandwidth costs.

In order to achieve the objectives of AMC to enhance the safety and security, improve efficiency of municipal services and promote a better quality of life for residents, Ahmedabad desires to foster the development of a robust network infrastructure that supports digital applications and ensures network connectivity is available throughout the city and in government departments. Network connectivity is also critical at bus depots, railways station, technical and research institutes, government offices and emergency response units. There is an undoubted necessity to

- Improve the city's situational awareness
- Track vital data such as pollution levels, water levels, traffic
- Integrate emergency services such as fire, police, ambulance etc.
- Be adept with intelligent solutions for disaster management and city operations.
- Ensure access to and have better tracking of all electronic public services that the city administration delivers to its citizen.

Hence, a robust network backbone for ensuring high-speed access connectivity and serve these needs of the city is a must.

### **Project Objective:**

The city wide network is essentially intended to provide a high-speed network connectivity for supporting all smart solutions. The project objectives broadly are as follows:

- To provide inexpensive and pervasive connectivity all across the city
- To boost digital inclusion among departments and citizens



- To provide 24\*7 uninterrupted connectivity across the city
- To establish a medium for quick data gathering from multiple sources and faster decision making
- To act as a channel for integration of all the city services
- To enable the government to have advanced communication products/platforms and better security and surveillance systems

### **Benefits envisaged:**

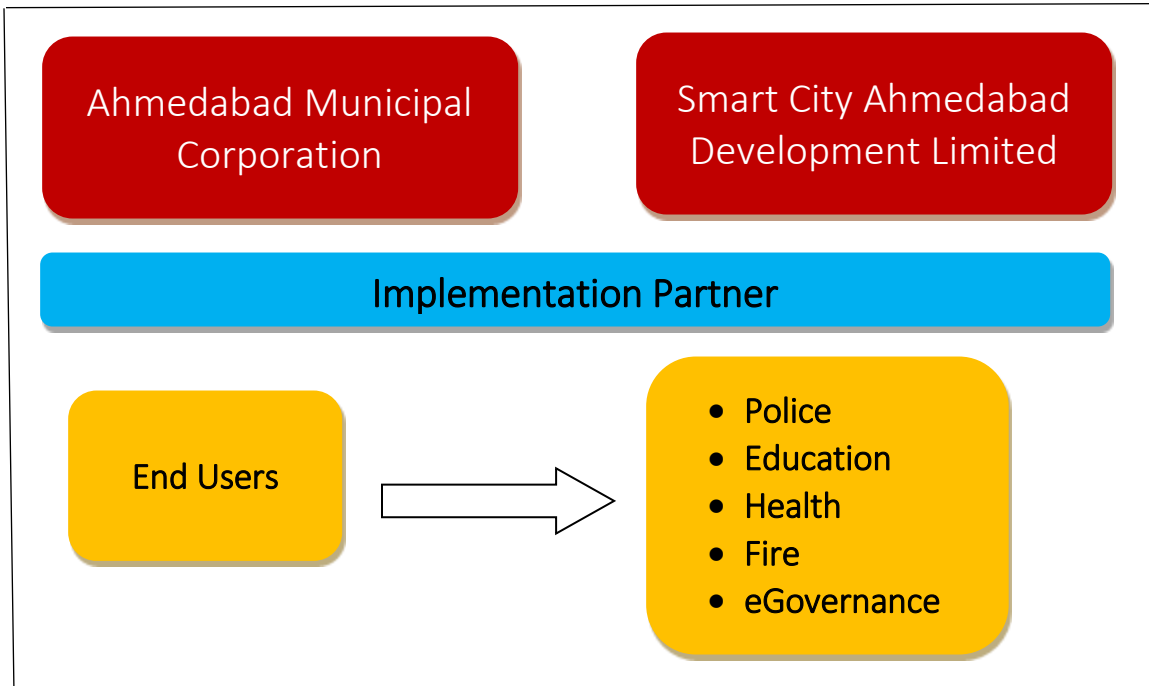
A city wide network will support the inclusion of almost all digital assets onto a common platform, which will ensure confluence of data from multiple sources, applications, sensors, objects and people. The establishment of this project will provide high quality, reliable, cost effective and sustainable network to the city administration. It will be the provider of seamless connectivity solution for all surveillance systems. The provisioning of this network backbone will ensure connectivity to the data centers and control rooms with scalable capacities to allow for expansion in the future. This project will have multifold benefits across the government departments and the effect will be felt by citizens. Some of the key benefits are:

- Government will have increased operational, financial efficiency and effectiveness
- Educational institutions would have improved connectivity across schools and universities
- City and Community center facilities will have improved connectivity for providing on-line services
- Police department will have high-quality video connections allowing for a greater security and surveillance
- Traffic management will be improved with automated traffic surveillance systems
- Fire departments will have the ability to direct staff remotely and utilize the reliable communication infrastructure for quick responses
- Environmental monitoring of factors such as air pollution or rain/monsoon detection will be easier and reliable
- Healthcare services and hospitals will be able to utilize next generation applications, devices and processes such as tele-medicine to serve the citizens
- Waste water management will be made possible with SCADA connectivity

### **Stakeholders:**

The implementation and successful execution of this project, will require support and involvement from multiple stakeholders. The project requires collaboration between multiple stakeholders for its successful execution. It is therefore important to understand the various stakeholders envisioned to be part of this project and the role that they are expected to play. Following are the critical stakeholders whose involvement will drive the project and enable the establishment of a strong project governance:





### **Ahmedabad Municipal Corporation (AMC):**

The Ahmedabad Municipal Corporation (AMC) is the Urban Local Body for the city of Ahmedabad and is administering its responsibilities under the BMC Act. AMC is equipping the city with high quality communication, transit and utility networks which aims to improve the quality of life of its citizens, provide ease of doing business and generally raise the level of social and economic development of its citizens. In this ambitious endeavor, the city has chosen a phased execution of the building an entire city network. It is expected that the divide between AMC and the residents of the city will be bridged through customer friendly services. The deficiencies of the present system, namely, lack of integrated systems, inefficient work procedures, lack of up-to-date and accurate databases, lack of data sharing, etc. will be eliminated with the help of digitization to attain this objective.

The primary function of this city network is to connect all AMC offices, city civic centers, urban health centers, schools and municipal buildings. It will also enhance the digital inclusion. The Network architecture deployed would be scalable, cost effective and interoperable with variety of handheld mobile devices like laptops, wireless handset and PDAs that support standards based interfaces and software stacks



## **Smart City Ahmedabad Development Limited (SCADL)**

As per the GoI guidelines, Ahmedabad Municipal Corporation has formed a separate Special Purpose Vehicle (SPV) as Smart City Ahmedabad Development Limited (SCADL) for the implementation of projects under the smart city mission for the city of Ahmedabad. This SPV shall carry end to end responsibility for vendor selection, implementation and operationalization of various smart city projects.

### **Implementation Partner**

Implementation partner for the project shall be selected by the SPV through an open competitive bidding process. This will be a single agency which would come together for project execution on commercial terms.

### **Others**

These are the end users of the project and their experience of using city wide network is critical for future road map of extending city wide network till the last leg.

To translate this vision into reality and early rollout of city wide network, the proposals are hereby invited from the Service Providers having capability, capacities and resources to provide the leased Circuits as per the requirement of SCADL. Bandwidth provider is required to maintain the service delivery uptime of 99.5 %, for which they have to sign Service Level Agreement (SLA) with SCADL.



## ***SECTION: 2***

### ***SCOPE OF WORK***



## SECTION -2

The proposed smart city solution will involve city wide network coverage across various locations in Ahmedabad. The Ahmedabad smart city will offer various smart services to its citizens. To provide these services in an uninterrupted and effective manner a robust network is required to be deployed. The network needs to be planned to meet the all the network requirements for currently services envisaged, scalability and future requirement.

### **Current Status:**

AMC (Ahmedabad Municipal Corporation) has been at the forefront of implementing several ICT initiatives. The organization has a suite of IT applications which include bespoke applications and COTS products. Such applications are currently used at all the offices of AMC in Ahmedabad.

***Existing Network Architecture:*** AMC's network comprises of:

- Hub and spoke model where the primary hub is the Usmanpura Data Center and offices spread across Ahmedabad as spokes.
- A leased line point to point network is laid out by BSNL. The connectivity between ward offices and corporation office is through a point to point LL with a reduced bandwidth redundant line available.

### **Scope of Work:**

AMC (Ahmedabad Municipal corporation) intends to provide connectivity under this project at the locations like; zonal offices, ward offices, BRT depots, traffic junctions, parks, fire establishments, police stations, urban health centers, railway stations, schools etc.

The successful bidder is required to create a single network i.e. city wide network for the smooth functioning of all the links of SCADL. Successful bidder is required to integrate city wide network with Data center (DC), Disaster recovery (DR) and Central Command center (CCC).

As mentioned in the project profile successful bidder is required to integrate city wide network (created on the backbone of Leased circuits) with the core backbone of the network laid by SCADL under the first phase of the project.

SCADL intends to procure Leased Circuits & Internet Bandwidth (As per Annexure- A & B) for the city wide network under the Ahmedabad smart city Project. The successful bidder is required to terminate the desired Leased circuits and Internet Bandwidth at the locations specified in Annexure A & B respectively.

A Service Level Agreement will be signed with the successful bidder. The same will be signed initially for a period of 3 years which may be extended on mutual terms. As bidder, will be responsible for smooth functioning of the entire network connectivity, availability of sufficient quantities of all the critical components will be taken care of by the bidder to maintain the guaranteed uptime. Bidders are requested to take into consideration the equipment's required at each pop for providing connectivity while quoting for the tender.



SCADL or its designated agency will monitor the performance of the links during operation period. SCADL or its designated agency will be responsible for verification, validation of all works/services under the terms & conditions of the agreement. The payments to the Service Provider for the provisioned links will be made on quarterly basis.

Full Duplex Bandwidth as Per Schedule of Requirement (price bid) has to be provisioned and implemented by the Service Provider. Service Provider has to keep provision of giving burstable Bandwidth & the rates will be as per finalized rates. Service Provider has to arrange fiber & other last mile equipment accordingly including media convertors wherever required.

### **Scope of Services for the Network Rollout and Management:**

The present network architecture was conceptualized over a few years ago and has since not been overhauled to include the latest smart city network elements and additional locations. Thus, AMC wishes to implement state of art enterprise network and in order to connect all locations through leased circuit connectivity.

Moreover, looking at current IT adoption rate of AMC Smart City Projects, which, is envisaged to increase over a period of time, in terms of increase in numbers of user accessing the IT applications deployed and the increase in number of applications and the complexity of applications used by the department employees. AMC expects he proposed network solution should simultaneously be reliable, flexible, and scalable and secure to meet growing needs of AMC. Further, the service provider is also required to manage this enterprise network for the tenure of contract.

The detailed scope of work is given below:

### **As Is Study and Gap Analysis Report**

- The selected bidder would be required to carry out an extensive As – Is study as part of site survey and submit a comprehensive Site Survey Report to the AMC. The As-Is study and Gap Analysis report would comprise of the outcome of the site survey, As-Is Study, Gap Analysis and Site-wise Action Plan to effectively fill the Gaps in the existing setup and the improvement that would be made in a particular site. The Gap Analysis would primarily capture the WAN and Local connectivity requirements. The report should target to cover the detailed requirements of IT and Non IT infrastructure at each location. The Site-wise Action Plan report should detail out the actionable and its associated timelines and dependencies. The report of each location should be in the same format
- The service provider shall prepare the site wise design based on (a) all data contained in the Bidding Documents, Climatic and physical conditions and (b) all criteria of design contained in the Bidding Documents
- These As-IS and Gap Assessment reports should be submitted to AMC for sign off. AMC will analyse the reports and will review the suggestions submitted by the Bidder. AMC may undertake the procurement, if necessary on Rate Contract quoted by the Bidder. Bidder's consultation shall be required to consult and coordinate with other vendors to ensure procurement of right equipment
- The bidder shall require to undertake the changes suggested as per the Gap assessment Report





## Network Architecture:

- Leased circuit connectivity architecture should be as per below :
- Leased Circuit connectivity to be provided between zonal offices and remote locations as shared in the Annexure –A .
- Further all the Leased Circuit coming to its respective zonal office should be terminated as a single Ethernet drop/port and should not be configured with separate Ethernet connectivity from each remote location, at zonal side of connectivity, for each respective ward or remote location.
- Further As per the Annexure –A mapping all the zonal offices with nearby ward office & other remote locations has been done, hence accordingly leased circuit connectivity should be configured to achieve Multiple Hub & Spoke topology, in a way that all traffic from remote locations should be routed towards their respective zonal locations. (The mapping has been done on tentative basis however based on actual feasibility study bidder may propose an alternate route to other zonal office if required.)
- Moreover, AMC may extend the Leased Circuit network to various 3<sup>rd</sup> party data center where AMC applications may be hosted. The bidder should take note of this requirement while designing the network.

## Network Design:

- Bidder shall be responsible for preparing a network design comprising WAN (Modem, Media Converters, CPE Router devices, etc.) components to meet the intended objectives & SLAs and scope of the project.
- All OEMs for networking electronics required should be amongst the top 5 for World-wide Market share in terms of Revenue as per. IDC / Similar organization's latest published quarterly report / presence in the latest Magic Quadrant by Gartner.
- With regards to above, OEMs will certify the installation base and the project experience. This certificate shall be issued through the Global Headquarters and attested by the Indian office. Authority shall verify the claim of OEMs by using publicly available reports like IDC, Gartner, IHS etc. In case there is any doubt of gross negligence or providing erroneous or incorrect information/declaration, decision of Tendering Authority shall be final and binding upon the Bidder and OEM. Also, in such cases, No representation/further correspondence with OEM/Bidder shall be entertained.
- For above mentioned components, authorized registered service/support center should be in operation or in India. The Bidder should submit an undertaking from the OEM (from Global headquarters/India office as applicable) to that effect.
- The network design should at least detail out the network connectivity strategy, network scalability, traffic flow management, bandwidth optimization strategy, security strategy, site-wise bill of material, WAN drawings, Leased Circuit network configuration plan for seamless integration with existing OFC infrastructure, etc. Any additional network design aspects, to meet overall scope of work also need to be documented by the bidder.



- The network design shall be documented to AMC in a document. This shall be reviewed and approved by the AMC for its implementation.
- The network solution as designed by the selected BIDDER shall be based on Leased Circuit platform to manage the traffic flow including but not limited to various applications & services such as Voice, Video & Data.
- Further it should provide capability of doing traffic classification and prioritization of applications as per the best practices and requirement of AMC efficiently.
- The number of users/locations accessing the AMC network is expected to increase over a period of 3 years. The bidder must keep this in consideration while designing the network and accordingly provision for end equipment to support augmented requirements.
- The bidder shall be required to map each location of the AMC's offices vis-à-vis the network design and provide technological solution for implementing the network solution.
- The bidder shall be required to propose solution based on the network architecture that is scalable and has adequate redundancy. However, the AMC reserves right to optimize the architecture to meet the specific needs at a later date before implementation.
- The bidder shall be required to integrate the existing LAN (starting from the LAN/Field switch being connected) at each of its locations with the proposed WAN based on Leased Circuits. As part of designing the network the bidder shall study the existing IP addressing scheme and shall revise the same to suit the new architecture, if required and submit the IP Schema document. IP Schema document to at least cover the details of old IP scheme and the new changed/remodeled scheme to suit the requirement of the project and comply with the new architecture addressing the scalability. The IP schema need to be validated by AMC/SCADL.
- Solution designed should have provisions to offer different classes of service in order to prioritize traffic as desired by AMC without any additional investment. Such service level prioritization will include- packet prioritization, bandwidth prioritization at the application/ source IP/ target IP level.
- Bidder shall ensure that the network deployed should be IPV4 as well as IPv6 compliant.
- It is the responsibility of the bidder to provide all the last mile terminating devices including MUX, Modem, VPN Concentrators, Media Convertors, Routers, Power Backup for device, etc. If any racks, wall bracket support and any other equipment as may be required shall be BIDDERS responsibility. Any active or passive component inadvertently missed out, but required to meet the SLA, shall be provided by the bidder at no extra cost.

#### **Leased Circuit WAN (Internet & Intranet, Last Mile Connectivity):**

- The bidder shall study the existing setup and design the new WAN architecture under this project to meet the intended objectives and scope of the project. The bidder shall provide End to End connectivity to all the office/buildings of the AMC including the Special Sites and Data Centre sites over Leased Circuits.
- In addition to the provisioning of connectivity, BIDDER shall also provide all the WAN equipment (Routers, MUX, VPN Concentrators, Modems, etc.) required under this engagement for the successful commissioning of the network.



- The solution should be capable of supporting the communication requirement of the AMC over the contract period. The bidder is not only required to provide Leased Circuit connectivity at all these locations, but also maintain and upgrade the WAN connectivity over the period of 3 years as and when required.
- Additionally, the bidder shall also be responsible for providing connectivity for the sites which the AMC intends to be covered over the contract period of 3 years, as and when the AMC feels the needs.
- The bidder shall be required to provide maintenance services for the WAN connectivity at all the sites covered under this engagement.
- As part of the preventive maintenance services the bidder shall be required to maintain the upkeep of the medium of connectivity, reinstating the medium, any other maintenance job required to meet the redundancy and SLAs as stipulated in the RFP.

### **Bandwidth Provisioning**

The bidder shall implement the solution in and provision the network bandwidth as per details given below. The bidder shall be responsible for upgrading its infrastructure, including the last mile, to meet the requirements of the AMC, at no additional cost to the AMC. The network & bandwidth should meet following requirements:

- AMC may order an increase/decrease/termination/withdrawal in bandwidth, which bidder shall take into account.
- The network should be capable of providing Bandwidth on Demand for planned as well as for unplanned activities.
- Bidder should provide the bandwidth for intranet & internet.

### **Internet Bandwidth at CCC and all 6 zonal offices:**

- AMC is procuring bulk internet bandwidth (as per schedule-1 of the Price bid) for the requirement of various locations throughout the city. However, successful bidder is required to terminate these links at the desired locations defined in the Annexure-B of this RFP.

### **Redundancy:**

- As a measure of redundancy all ward offices, remote locations, zonal offices, CCC, DC & DR site connected through Leased Circuits should have redundancy in place to meet necessary SLA requirements.
- Further As per the Annexure –A mapping all the zonal offices with nearby ward office & other remote locations has been done, hence accordingly Leased Circuit connectivity should be configured.
- Location-wise Bandwidth requirements is given in Annexure A & B.



## **Network Security:**

- Security being one of the most important aspects for the AMC, it would be governed by stringent standards. Security incidents could consist of any of the following:
  - **Denial of Service Attack:** - This shall include non-availability of service (Internet bandwidth, messaging service and other web services due attacks that consumes related network resources)
  - **Data Theft:** - Compromise of any kind of the network.
  - **Intrusion:** - Successful Unauthorized access to the Purchaser information system, resulting in loss of confidentiality/Integrity/availability of data.
  - **Malicious Traffic:** - The bidder shall be responsible for isolation of the node/network in which malicious traffic is generated which may be due to virus, malware etc. on detection.
- All active components shall have adequate security provisions, to protect itself from any security attack including but not limited to DoS, password break, malicious software, unauthorized access and recording of all access information in the active components.
- Link Security: Bidder has to ensure that the link provided is a secure VPN from end to end including CPE, last mile and LAN.
- The bidder shall be required to bind the MAC address of the computer with IP as and when required by the AMC.
- All the network solution offered by the bidder shall have the security provisions to prevent any unauthorized access to anybody including bidder or its partners. The AMC may reserve the right to get testing of components/ equipment supplied under this contract by any designated Third Party Agency.
- During the currency of the project bidder shall adhere and conform to the Network Security Policy of the AMC. If required the AMC may adopt the security policies and guidelines as recommended by Government of India from time to time.

## **Helpdesk Management:**

The bidder shall make provisions for dedicated manpower to monitor all links and troubleshoot in case of downtimes. The Bidder shall book user complaints, auto incidents generated through NMS related to bandwidth.

## **Operation and Management of AMC Enterprise Network**

The service provider shall be bound by the Service Level Agreements (SLA) under the contract and is required to provide the support services during the 3 years of Operations & Maintenance period. This phase will commence from the successful Go-Live of the project as notified by the AMC under this engagement. The service provider shall be required to monitor the health of the network using access to Enterprise Management System tools, from service provider's premises.

Given below is an initial group of tasks to be performed by the bidder for support services. AMC may direct bidder to perform any additional / similar tasks, as per its requirement during the contract period.



**Operation, Monitoring, Maintenance and Management of Network services at DC, CCC and other critical locations of AMC**

Given below is an initial list of tasks to be performed by the bidder for support services. AMC may direct bidder to perform any additional / similar tasks, as per its requirement during the contract period.

#	Services
1.	Configuration, Operation, Monitoring, Maintenance and Management of CPE Routers and MUX, Modem installed for the project
2.	Rectifying problems / faults of all Router cores and Switches reporting the status to AMC IT cell.
3.	Orderly Start-up and Shutdown of all network infrastructure (supplied as part of project) as per the laid down procedures mutually finalized by AMC and Selected bidder
4.	Incident wise reporting, Link Availability, Loss of Link Availability, Historical trends for Availability must be reported to AMC IT Cell
5.	Daily monitoring of WAN, manual testing, Rectifying and reporting the status to AMC IT cell.
6.	Maintaining an updated inventory / asset list of complete IT Network Infrastructure
7.	Protocol migration to any protocol as and when required
8.	Configuration / re-configuration / maintenance / monitoring / management of Dynamic Host Configuration Protocol (DHCP) servers installed on core routers, routing tables.
9.	Maintaining and updating IP address list and optimum management of IP addresses through DHCP/Static entry
10.	Maintain and update IP address list and optimum management of IP address
11.	Maintain and update LAN and WAN diagrams with relevant details
12.	Replacement of supplied equipment in case if the hardware is faulty or any parts is non-functioning
13.	Installation, Uninstallation, re-installation of IOS of Routers and Switches (supplied as part of project scope) due to reasons of bugs, etc.
14.	De-commissioning of the existing network & Establishment of the new Leased Circuits across AMC network in phase manner without disturbing the regular operations & working of the existing software applications



## Network Management & Monitoring Services across other AMC/Field Locations

Given below is an initial list of tasks to be performed by the bidder for support services. AMC may direct bidder to perform any additional / similar tasks, as per its requirement during the contract period.

#	Services
	<b>Regular Services at all Locations</b>
1.	Daily monitoring of WAN and Internet
2.	Manual testing, troubleshooting of WAN.
3.	Discovery of existing and all new networking equipment in Network Management software.
4.	Updated inventory/asset list of complete IT network infrastructure for the project
5.	Updated document for WAN network diagrams with relevant details
6.	Services for link / devices augmentation / deletion, relocation / connection / disconnection etc.

## Bandwidth and Communication Management

Given below is an initial list of tasks to be performed by the bidder for support services. AMC may direct bidder to perform any additional / similar tasks, as per its requirement during the contract period.

#	Services
1.	The committed bandwidth that has to be provided at all locations. The service provider shall have to calculate the requirement of bandwidth at each office. This calculated bandwidth should be allocated to the AMC on 24X7 basis.
2.	Bandwidth should be managed using tools that ensure availability of bandwidth on a remote basis. The services should ensure that the bandwidth is available to the department as per the requirements
3.	Service provider is required to make provision in the terminal equipment for providing scalability in terms of WAN bandwidth. The AMC may order an increase in bandwidth, which would be released from the Pool of Bandwidth. The Service Provider should complete the task of increase or decrease of bandwidth as per below requirements: For planned activities the bandwidth should be augmented before 15 days of prescribed date, and for unplanned activities selected bidder should augment the bandwidth within 4 hours
4.	Network should also be capable of providing Bandwidth on Demand.
	<b>Communication Management</b>



#	Services
5.	<ul style="list-style-type: none"> <li>• Monitoring of quality of various communication links on LAN, WAN, leased circuit /ISDN and Liaison with ISPs</li> <li>• Link Availability</li> <li>• Alerts for loss of Availability</li> <li>• Historical trends for Availability</li> <li>• Incident-wise Reporting</li> <li>• All incidents leading to downtimes on a particular link should be available at least end-of-day online</li> <li>• Historical trending for today/yesterday/last 7 days/last week/last month should be available</li> </ul>

### Internet, Intranet and Gateway Access

Given below is an initial list of tasks to be performed by the bidder for support services. AMC may direct bidder to perform any additional / similar tasks, as per its requirement during the contract period.

#	Services
1.	Daily monitoring of Internet Leased circuits and All Intranet services.
2.	Bandwidth Utilization monitoring and reporting the status to AMC in case if the utilization on the constant basis is exceeding 80%.
3.	DNS Server and Domain Resolution.
4.	Lookup for Internet hosts.
5.	Proxy Server Configuration, URL filtering and URL Access log.
6.	If any intranet services are not available the status should be immediately reported to AMC/SCADL IT Cell
7.	Disk Utilization monitoring

### Helpdesk Support Services

As part of Overall project scope, the Service provider is also tasked with operation of an help desk for complaint registration related to network availability/uptime across AMC offices and other project locations covered as part of the SoW. The detailed activities to be carried out by Service agency are listed below:

The Helpdesk services should be in accordance to ITIL standards and should be running 24x7x365. The Bidder has to propose a setup hunting telephone lines for lodging telephonic service request, as well as an email ID, which is monitored 24x7x365.



Given below is an initial list of tasks to be performed by the bidder for support services. AMC may direct bidder to perform any additional / similar tasks, as per its requirement during the contract period.

#	Services
1.	Call Logging for queries / services / complaints (Trouble Ticketing) Call logging will be through telephone / mobile, e-mail or service desk software or through personal messenger. Proactive monitoring has to be done by service provider to reduce the resolution time in case of any link failure. Proactive monitoring should have mechanism of auto generation of link down request for faster resolution. Ticket raise information should be informed to AMC IT cell and to central helpdesk of SCADL for ticket resolution monitoring.
2.	Recording redressal of complaints in the Service Desk Software, Call closure
3.	Call Routing to respective vendors.
4.	Call Escalation for all the IT assets supplied under the purview of this contract to senior authority of vendor to be listed in the system, if call is not redressed by respective field representative of the vendor.
5.	Call monitoring which includes recording status of complaint redressal and reasons for not redressing complaint if any.
6.	Incident Management
7.	Call analysis and generation of reports using a computerized tool for uptimes and SLA's. Help Desk shall follow up all the calls and perform audio recording calls so that SLA is not violated.
8.	Bidder shall keep CCC / IT Cell management team informed about the progress by contacting the AMC administration / management at regular intervals. Problems shall be classified into various levels of priority mentioned in the SLA. The assigned priority for each problem shall be dependent upon:
9.	The extent of the problem's impact on the usability of the system
10.	The percentage of project users affected by the system
11.	The initial assignment of priorities is the responsibility of the Help / Service Desk's Problem Manager. However, AMC can challenge the priority assigned to a particular problem and procedures that exist for escalating a problem to progressively higher management levels, until agreement is secured. The precise definition of problem priorities should be documented in the Contractor's problem management procedures.
12.	Primary telephonic support (complaint / issue resolution) at AMC Helpdesk where resources are deployed and field level support on a need basis.
13.	Any other help / service desk related services not listed above but required for smooth functioning of help / service desk services as directed by AMC





## Network Management

Network Performance Monitor	Simplifies detection, diagnosis, & resolution of network issues before outages occur
	Tracks response time, availability, & uptime of routers, switches, & other SNMP-enabled devices
	Shows performance statistics in real time via dynamic, drillable network maps
	Includes dashboards, alerts, reports, & expert guidance on what to monitor & how
	Automatically discovers SNMP-enabled network devices & typically deploys in less than an hour
	Provides network views in an intuitive graphical format
	Discovers network devices and provides a map to illustrate the structure of the network
	Provides the status of devices and segments
	Help network administrators prevent problems by identifying potential trouble spots before a failure occurs
	Automatically discovers, maps and monitors switches, ports, and network devices
	Quickly finds devices and retrieves user name, port details, connection history and more
	Enables searching on IP address, user name, Hostname or MAC address to track endpoints
	Allows white listing and watch lists with automatic alerts and click-of-a-button port shutdown
	Provides detailed switch port usage data, capacity analysis, and built-in reporting
Network Configuration Manager	Enables bulk change deployment to thousands of devices
	Performs automatic, scheduled network configuration backups
	Protects against unauthorized & erroneous network changes
	Detects & reports on network compliance policy violations
	Provides real-time network inventory & asset service management
Net-Flow Traffic Analyzer	Monitors network bandwidth & traffic patterns down to the interface level
	Identifies which users, applications, & protocols are consuming the most bandwidth
	Highlights the IP addresses of top talkers
	Analyzes Cisco NetFlow, Juniper J-Flow, IPFIX, sFlow, Huawei NetStream & other flow data
	Typically deploys in less than an hour



	Monitoring tools include Real-Time Interface Monitor, SNMP Real-Time Graph
	Diagnostic tools include Ping Sweep, DNS Analyzer, and Trace Route
	Network discovery tools include Port Scanner, Switch Port Mapper, Advanced Subnet Calculator
	Management tools include Real-time NetFlow Analyzer, Config Downloader
IP Address Management Software	Centralizes IP infrastructure management, monitoring, alerting and reporting
	Automatically scans IP address space at customizable, scheduled intervals
	Consolidates multi-vendor DHCP/DNS management via a single, integrated interface
	Delivers real-time, at-a-glance dashboard visibility along with historical tracking
	Provides active IP address conflict detection and preventative alerts
VOiP Network Quality Manager	Monitors VoIP metrics including jitter, latency, packet loss, and MOS
	Correlates call issues with WAN performance for advanced troubleshooting
	Searches & filters call detail records
	Monitors site-to-site WAN performance

- Bidder should submit the reports on a regular basis in a mutually decided format.
- Softcopy of these reports shall be delivered automatically via email at specific frequency and to the pre-decided list of recipients
- The detailed list of reports as well as templates will be decided once the bidder is on-boarded
- Bidder should also submit certain information as part of periodic review as and when required by the AMC

The minimum set of reports required are as given below. AMC may request such reports at any time irrespective of a predefined scheduled. Moreover, any new report may be requested by AMC during the tenure of the contract.

Daily Reports	<ul style="list-style-type: none"> <li>• Summary of issues / complaints logged at the Help Desk</li> <li>• Summary of NMS, other performance monitoring tools</li> <li>• Network Bandwidth utilization.</li> <li>• Summary of resolved, unresolved and escalated issues / complaints</li> </ul>
Weekly Reports	<ul style="list-style-type: none"> <li>• Issues / Complaints Analysis report for calls, call trend, call history, etc.</li> <li>• Summary of network equipment rebooted.</li> <li>• Summary of issues / complaints logged with the OEMs.</li> </ul>



	<ul style="list-style-type: none"> <li>• Summary of changes undertaken in the WAN Network including major changes like configuration changes, patch upgrades etc.</li> </ul>
Monthly Reports	<ul style="list-style-type: none"> <li>• Component wise physical as well as Network infrastructure availability and resource utilization.</li> <li>• Consolidated SLA / (non)-conformance report</li> <li>• Log of preventive / scheduled maintenance undertaken</li> <li>• Log of break-fix maintenance undertaken</li> <li>• Network Traffic Analysis, pattern identification and suggestions for improvement across AMC</li> <li>• Network Utilization</li> <li>• Network Device Status</li> <li>• Network Uptime Statistics &amp; Threshold violation</li> <li>• Bandwidth utilization as measured at aggregation point as well as on individual links</li> </ul>
Quarterly Reports	<ul style="list-style-type: none"> <li>• Uptime, Downtime and performance report</li> <li>• SLA compliance Report for the Quarter</li> <li>• Hardware pool Report</li> </ul>
Half yearly Reports	<ul style="list-style-type: none"> <li>• Network infrastructure Upgrade / Obsolescence Report</li> </ul>
Incident Reporting	<ul style="list-style-type: none"> <li>• Detection of security vulnerability with the available solutions / workarounds for fixing</li> <li>• Hacker attacks, Virus attacks, unauthorized access, security threats, etc. – with root cause analysis and plan to fix the problems</li> </ul>

### **Delivery Schedule:**

SCADL is in process of issuing another order for the requirement of Hardware for the city wide network. It is envisaged that by 1<sup>st</sup> April 2017 the system integrator (SI) will complete the commissioning of entire hardware required for city wide network project. The Successful bidder will have to work in close coordination and synchronization with the SI for timely Implementation of the city wide network project.

On completion of bidding process of this RFP, SCADL will issue a Letter of Intent (LoI) to the successful bidder. Successful bidder is required to start the activities related to the commissioning of links like site survey, laying of fiber (if any), and arrangement of hardware and any other work as per his scope except final termination and commissioning of the links.

SCADL will issue a formal work order defining SLA's, Delivery timelines and tentative date of starting of commissioning of links with provisioning of ordered bandwidth.



**All locations must be connected on Optical Fiber only.**

**Rate Contract:**

- This tender is for Supply of leased circuits to be delivered at various locations spread across the Ahmedabad city.
- Looking at the scalability and future requirement there is also provision of discovery of prices valid for the period of 3 years under the Rate Contract as per Schedule - 3 & 4 of Price Bid.
- Orders can be released any time during the contract tenure depending upon the actual requirement of the SCADL based on the Rates discovered under the Rate contract.
- It has been observed that there is a considerable price reduction in cost of Domestic and Internet bandwidth during last few years. Hence, SCADL will review the prices at end of every year and Service Provider is required to match the prevailing market prices as per TRAI regulations.

**Project Management:**

- The Bidder will be responsible to undertake and complete the works related to supply installation and commissioning services anywhere in the City of Ahmedabad promptly and within the duration prescribed by SCADL.
- The Bidder will be responsible to provide the desired Bandwidth at all the locations at the agreed price. The works are to be completed on turnkey basis. The Bidder shall be responsible for implementation of the work as defined.
- Bidder shall act as single Agency to organize and manage the entire project – including supply, installation, commissioning and maintenance of all required hardware, software, networking, accessory items and local wiring for electrical power supply etc. The Bidder shall be in a position to test, demonstrate and certify the basic requirements in accordance with the contract.
- The Bandwidth shall be supplied strictly in accordance with the specifications and conditions stated in the SLA.
- The bidders are required to depute Minimum one resource at the central location/NoC/CCC of SCADL for O&M of the links provided by the bidder during the contract duration.

**Supply, Installation and Commissioning of Network Infrastructure**

- The bidder shall procure, supply, install, upgrade and commission, all the required WAN, LAN and other IT & Non-IT equipment including, but not limited to, routers, modems, core switches, structural cabling, PVC/ HDPE / conduit Piping etc.
- The Bidder to perform site inspection to verify the appropriateness of the sites before installation /commissioning of the Leased Circuit network.
- Bidder has to ensure the support of the equipment is for contract period and in case of equipment becoming the End of Life on or before contract period, then it should be supported with the similar or higher version of equipment for O&M requirements. A certification from OEM stating this support period details is required to be submitted along with the bid.



- The bidder shall ensure that the equipment have not reached End of Sale, at the time of PAT. The bidder shall also ensure that none of the equipment has reached End of Sale, at the time of PAT of last site before Go – Live and if there is any such equipment then all such equipment installed in the project should be changed before offering for Go – Live
- The bidder shall also ensure that the equipment have not reached End of Support during the currency of the contract, and at the time of transfer of assets. Any equipment which has reached “End of Support” shall need to be replaced at no extra cost to the Purchaser. The equipment shall be replaced with equivalent of higher model
- The supply and installation of all connecting cables between routers, modems, switches and other equipment shall also be the bidder’s responsibility. The bidder to also ensure proper structured cabling (of CAT 6A standards) at each office location/ wherever required. It shall be the responsibility of the bidder to bring all the tools required for the installation, upgrading and commissioning of the equipment/ network
- The bidder is responsible for last mile connectivity at all office of AMC. The connecting cables between routers, modems, switches and other equipment shall also be the bidder’s responsibility.
- All cabling up to CPE should be done with proper clamping. The cabling should be neat and structured with PVC pipe casing.
- It shall be the responsibility of the bidder for providing required “Electrical ground” at all points, as required by the bidder, if necessary. AMC will not take any responsibility of equipment going bad due to non-availability of proper earthing and unstable power.
- The system shall be subjected to inspection at various stages. Local regulation/ codes shall be followed at all times. The bidder shall follow all Safety Regulations and practices. At all times clean work area should be maintained which is free of debris and waste materials etc.
- The bidder shall not cause any damage to the AMC’s (or any other) premises and property and shall perform restoration if any damage occurs. Trenches, path-cutting etc. shall be back-filled and restored to the original condition immediately after laying of the conduit/cable. The bidder shall plug conduits and entrance holes where the cabling has been installed with suitable sealing material to restore it to its original/best state. Wherever needed, the bidder shall have to retrofit existing facilities in order to install the new system.
- It shall be the responsibility of the bidder to provide conditioned power supply to all the Networking Equipment installed at the AMC premises.
- The bidder must ensure that all statutory and regulatory approvals are obtained within the building (building in-charge, owners of the building etc.) and from various other authorities such as municipal bodies, central government, electricity utility companies etc. Bidder shall also be responsible to get required documentation completed for obtaining such approvals from time to time. This should not affect the timelines.

#### **Transition of existing locations to Leased Circuit Network**

- The bidder shall submit the transition plan, which shall give the detailed plan & approach for the transition of existing network to the new network, in a site wise manner.



- The completion would be fully tested and with no hindrances within a reasonable downtime of not more than 2 hours per WAN Link. The permission required for the planned down time must be approved by the AMC. The site-wise schedule for transition from existing to the new network shall be drawn-up by the Service Provider in consultation with the AMC. If the transition from the existing network to the new network is successfully completed, the AMC may proceed further for Final Acceptance Testing.

### **Annexing of new office location**

Whenever AMC opens a new office, order will be placed with the selected bidder at the contracted price. The selected bidder shall carry out site-survey at new location for feasibility of location over wired connectivity. Bidder is required to implement and commission the location within 4 weeks from the date of work order.

### **Validity:**

Validity of this contract is for a period of 3 years. No upward revision will be permitted in rates of bandwidth during the contract tenure of 3 years.

### **Technical Specifications**

#### **A) Leased circuit:**

- The bandwidth must be provisioned on Optical Fiber Media. No other last mile media type is acceptable.
- Latency from point A to point B should not exceed 20 ms.
- The bandwidth supplied should be symmetric, dedicated 1:1 with 100% throughput.
- Up time guarantee must be 99.5 % failing which a relevant penalty will be applicable.

#### **Delivery of bandwidth**

- Installation & Commissioning of bandwidth: Within 8 weeks from the date of Work Order and 2 weeks from the date of work order for the links ordered under the Rate Contract category.
- The successful Bidder must deliver this bandwidth on time, this is to ensure no physical changes are to be done in future up gradations.
- Provider must deliver this bandwidth on a fiber optic cable network at the respective locations as per Annexure-A. SCADL will provide space and raw power for termination of equipment.
- All costs to connect the links to last mile node of SCADL has to be borne by the Service Provider. SCADL will not pay or reimburse any last mile of extra work cost.
- The bidder has to use the IP addressing schema provided by the SCADL.

#### **B) Internet Bandwidth**



- The bandwidth must be provisioned on Optic Fiber media only. No other last mile media type is acceptable.
- SCADL is procuring bulk internet bandwidth (as per schedule-1 of the Price bid) for the requirement of various locations throughout the city. However, successful bidder is required to terminate these links at the desired locations defined in the Annexure-B of this RFP.
- Latency to Google, Yahoo and NIXI peering should not exceed 200 ms.
- The bandwidth should be dedicated 1:1 with 100% throughput.
- Up time guarantee must be 99.7% failing which a penalty will be applicable.
- Provider must have minimum two sources of Internet Gateway bandwidth input.

#### **Delivery of Internet bandwidth**

- Installation & Commissioning of bandwidth: Within 6 weeks from the date of Work Order and 2weeks from the date of work order for the links ordered under the Rate contract category.
- The successful Bidder must deliver this bandwidth on Gigabit Ethernet optically or electrically which will be taken as input. This is to ensure no physical changes are to be done in future up gradations.
- Provider must deliver the required bandwidth on a fiber optic cable network at the locations defined in Annexure-B. SCADL will provide space and raw power for termination equipment.
- All costs to connect the link to the last mile node has to be borne by the Service Provider. SCADL will not pay or reimburse any last mile of extra work cost.



## ***SECTION: 3***

# ***ELIGIBILITY CRITERIA***





### SECTION -3: ELIGIBILITY CRITERIA

The bids are hereby called from the Bidders who fulfils following technical & financially eligibility Criteria in providing the bandwidth.

S/ N	Basic Requirement	Specific Requirements	Documents Required	Supporting Document uploaded? (Yes/ No)
1	Legal Entity	Bidder should be a company registered under Companies Act, 1956 and should have been operating for the last three years as of 31st March, 2016	Certificates of incorporation  AND  Self-Declaration Certificates	
2	Sales Turnover of the Bidder	Annual Sales Turnover (as per the last published Balance sheets), generated from services related to Voice and Data Bandwidth Business during each of the last three financial years as on 31 March 2016 should be at least Rs. 500 crores	Extracts from the audited Balance sheet and Profit & Loss;  AND  Self-Declaration Certificate	
3	Operational Licenses	The bidder should hold following valid licenses to operate:  a) Class 'A' ISP license b) National Long Distance License c) Unified Access License  All Licenses should be valid for at least 3 years from the date of Bidding. <i><u>In Case the State/Central PSU is quoting in this RFP, then Unified Access License/ UASL is not required in Operational Licenses</u></i>	Copy of valid Licenses	
4	Blacklisting	Bidder should not have been blacklisted by AMC or any department of Govt. of Gujarat or its Agencies, PSUs, reputed organizations in Gujarat.	A Self Certified letter	



S/ N	Basic Requirement	Specific Requirements	Documents Required	Supporting Document uploaded? (Yes/ No)
5	Presence	The bidder should have its own Optical Fiber Backbone with minimum 10 POPs of its own in Ahmedabad.	A Self Certified letter with addresses of POPs	
6	Customer Support	The Bidder should have a local Customer Support Center which operates 24x7 and is capable of troubleshooting 24x7	A Self Certified letter with Address	

- Consortium is not allowed.
- The Bidder must attach valid documents in support to their Technical and Financial capabilities/strength, as mentioned above. Without proper supporting documents, the Bid proposals are liable to be rejected.



## ***SECTION: 4***

# ***INSTRUCTION TO BIDDERS***



## SECTION -4: INSTRUCTION TO THE BIDDERS

### ARTICLE – 1: COST OF BIDDING

1.1 The Bidder shall bear all costs associated with the preparation and submission of the Bid and SCADL/AMC 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. 25,000/- (-Rupees twenty five thousand only )as a bid processing fee (Non-refundable) in the form of demand draft in favour of “Smart City Ahmedabad Development” payable at Ahmedabad along with the EMD cover. In case of non-receipt of bid processing fees & EMD the bid will be rejected by SCADL as non-responsive.

### ARTICLE – 2: BIDDING DOCUMENTS

Bidder can download the bid document and further amendment if any freely available on <https://www.ahmedabadcity.gov.in> & <https://www.amc.nprocure.com> and upload the same on <https://www.amc.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 pre-Bid to Chief Executive Officer, Smart City Ahmedabad Development Limited, Ramanbhai Patel Bhavan, Usmanpura, Ahmedabad, Gujarat-380013, SCADL will clarify & issue amendments if any to all the bidders in the pre-bid meeting. No further clarification what so ever will be entertained after the pre- bid meeting date.

### ARTICLE – 4: AMENDMENT OF BIDDING DOCUMENTS

4.1 At any time prior to the deadline for submission of bids, SCADL/AMC 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.

4.3 In order to allow prospective bidders a reasonable time to take the amendment into account in preparing their bids, SCADL at its discretion, may extend the deadline for the bid submission.

### 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 SCADL 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 processing fee (non-refundable) in the form of demand draft & Bid security/EMD in the form of demand draft / Bank Guarantee to be furnished to AMC office in favour of “Smart City Ahmedabad Development” payable at Ahmedabad on or before due date of bid submission. The details are required to be filled in this section.

▶ Eligibility & Technical Section:

- Financial Capabilities. (In the Prescribed Format Only: Form A)
- Technical Capabilities. (In the Prescribed Format Only: Form B)
- Compliance Statement. (In the Prescribed Format Only: Form C)
- Deviations Statement. (In the Prescribed Format Only: Form D)
- Organizational Capabilities. (In the Prescribed Format Only: Form E)
- Bid letter form (Form F)

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

▶ Price bid Section:

- Priced bid (in the prescribed format only->Section: 5)

#### **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 SCADL 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 non-competitive levels and to deprive the SCADL of the benefits of free and open competition.

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

8.3 SCADL/AMC 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 fulfil 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 is not started within fifteen (15) working days after submission of PBG as mentioned, SCADL reserves the right to cancel the contract and apply all remedies available to him under the terms and conditions of this contract.

#### **ARTICLE – 11: BID PRICE**

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

11.2 The Financial bid shall indicate charges payable as per **Section-5** and terms thereof for providing required connectivity for City Wide Network. The bidder shall quote fixed yearly charges per link. A bid uploaded with an adjustable price quotation will be treated as non- responsive and rejected.

11.3 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 bandwidth charges, without which the bid is liable for rejection. Any arithmetical errors in these calculations will be on bidders account.

11.7 Bidders may verify the actual distances between the Locations before quoting for the same and may undertake a survey, if required.

11.8 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.

11.9 Offered price should be exclusive of all applicable taxes. Bidder should mentioned & upload the applicable taxes such as Excise, Sales Tax, Service Tax, Octroi (If applicable), Packing/ Forwarding, Insurance, FOR destination (anywhere in the Gujarat state) with percentage & amount of tax.

11.10 Discount if offered, should not be mentioned separately. It should be included in Price Bid.

11.11 Any effort by a bidder or bidder's agent / consultant or representative howsoever described to influence the SCADL/AMC in any way concerning scrutiny / consideration / evaluation / comparison of the bid or decision concerning award of contract shall entail rejection of the bid.

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

#### **ARTICLE – 12: BID CURRENCY**

The prices should be quoted in Indian Rupees. Payment for the supply, installation, commissioning and maintenance of leased circuits& Raw Internet bandwidth 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.2,50,00,000 (Rupees two crores and fifty lacs only), which shall be submitted in the form of Demand Draft OR in the form of an unconditional Bank Guarantee (which should be valid for 9 months from the last date of bid submission) of any Nationalized Bank (issued by Ahmedabad branches only) in the name of "Smart City Ahmedabad Development Limited(SCADL)" payable at Ahmedabad (as per prescribed format given at Annexure A) and must be submitted along with the covering letter. 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 SCADL, on account of one or more of the following reasons if:

- 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 Bid opening prescribed by SCADL. A Bid valid for a shorter period shall be rejected as non-responsive.

14.2 In exceptional circumstances, SCADL 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 – 15: BID DUE DATE**

15.1 Bid must be received by the SCADL at the address specified in the Request for Proposal (RFP) not later than the date specified in the RFP.

15.2 The SCADL 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 SCADL and the bidders, previously subject to the bid due date, shall thereafter be subject to the new bid due date as extended.

#### **ARTICLE – 16: LATE BID**

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

#### **ARTICLE – 17: MODIFICATION AND WITHDRAWAL OF BID**

17.1 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 SCADL prior to the deadline prescribed for submission of bids.

17.2 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in a manner similar to the original Bid.

17.3 No Bid may be modified subsequent to the deadline for submission of bids.

17.4 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 – 18: OPENING OF BIDS BY SCADL**

18.1 Bids will be opened in the presence of Bidder's representatives, who choose to attend. The Bidder's representatives who are present shall sign a register evidencing their attendance.

18.2 The Bidder's names, bid modifications or withdrawals, discounts and the presence or absence of relevant Bid security and such other details as the SCADL officer at his/her discretion, may consider appropriate, will be announced at the opening.

18.3 Immediately after the closing time, the SCADL contact person shall open the Un-Priced Bids and list them for further evaluation.

#### **ARTICLE – 19: CONTACTING SCADL**

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

19.2 Any effort by a bidder to influence SCADL/AMC 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 SCADL/AMC, it should do so in writing.

#### **ARTICLE – 20: REJECTION OF BIDS**

SCADL 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 – 21: EVALUATION METHODOLOGY**

##### **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 (Financial Bid)**

Bidders qualified as per the eligibility criterion defined in section 3 of this RFP will be short- listed and financial bids of those bidders will only be opened for evaluation and arriving at lowest bidder.

Following will be considered as a formula to evaluate the total cost of the bid.



**Summary of Cost for Connectivity Links**

Total Cost = Schedule 1 Cost + Schedule 2 Cost+ Schedule 3 Cost+ Schedule 4 Cost

**(In figure and words)**



## **ARTICLE – 22: AWARD OF CONTRACT**

(i) Award Criteria: The Criteria for selection will be the lowest cost to the SCADL for the qualified bids as per the evaluation criteria shared in article 21. SCADL may negotiate the prices with L1 Bidder, under each item/head offered by Bidder.

(ii) SCADL's right to vary requirements at time of award: SCADL 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.

(iii) 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 borne the difference between lowest prices and next lowest prices.

(iv) The successful bidders shall be engaged by SCADL to provide leased circuits and Internet bandwidth at various locations for an initial period of 3 years with further extendable for to 2 years. This 3 years' period will commence with the commissioning of last leased circuit link of SCADL network.

(v) Order for bandwidth can be placed anytime during the tenure of the tender.

(vi) It has been observed that there is a considerable price reduction in cost of leased circuits & bandwidths during last few years. Hence SCADL will review the prices at end of each year and Service Provider is required to match the prevailing market price.

## **ARTICLE- 23: NOTIFICATION OF AWARD AND SIGNING OF CONTRACT**

- Prior to expiration of the period of Bid validity, SCADL will notify the successful Bidders and issue Lol. The contract Performance guarantee has to be submitted within fifteen (15) working days of receipt of Lol. The Bank guarantee (Performance) shall be equal to the 10% of contract value. The Bank Guarantee shall be valid for duration of 180 days beyond the expiry of contract.
- Within five (5) working days of receipt of the Contract Form, the successful Bidder shall sign and date the Contract and return it to the SCADL.

## **ARTICLE – 24: FORCE MAJEURE**

24.1 Force Majeure shall mean any event or circumstances or combination of events or circumstances that

materially and adversely affects, prevents or delays any Party in performance of its obligation in accordance with the terms of the Agreement, but only if and to the extent that such events and circumstances are not within the affected party's reasonable control, directly or indirectly, and effects of which could have prevented through Good Industry Practice or, in the case if construction activities



through reasonable skill and care, including through the expenditure of reasonable sums of money.

Any events or circumstances meeting the description of the Force Majeure which have same effect upon the performance of any contractor shall constitute Force Majeure with respect to the Service Provider. The Parties shall ensure compliance of the terms of the Agreement unless affected by the Force Majeure Events. The Service Provider shall not be liable for forfeiture of its implementation / Performance guarantee, levy of Penalties, or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Agreement is the result of Force Majeure.

#### 24.2 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:

#### 24.3 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.

#### 24.4 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 or are of political nature;
- III. Any event or circumstance of a nature analogous to any of the foregoing.

#### 24.5 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;

#### 24.6 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 – 25: 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 – 26: 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 – 27: USE OF AGREEMENT DOCUMENTS AND INFORMATION**

27.1 The Service Provider shall not without prior written consent from SCADL disclose the Agreement or any provision thereof or any specification, plans, drawings, pattern, samples or information furnished by or on behalf of SCADL in connection therewith to any person other than the person employed by the Service Provider 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.

27.2 The Service Provider shall not without prior written consent of SCADL make use of any document or information made available for the project except for purposes of performing the Agreement.

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

#### **ARTICLE – 28: Representations and Warranties**

##### **28.1 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 averse to the enforcement of the rights and remedies of SCADL 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 SCADL Network 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.

### **28.2 Representations and Warranties by SCADL**

- It has full legal right; power and authority to execute the city wide network 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 SCADL and constitutes valid, legal and binding obligation of SCADL.
- 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 SCADL, its assets or its administration.

### **ARTICLE – 29: RESOLUTION OF DISPUTES**

- 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.

- 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.
- The place of the arbitration shall be Ahmedabad, Gujarat.
- The Arbitration proceeding shall be governed by the Arbitration and Conciliation Act of 1996 as amended.
- The proceedings of arbitration shall be in English language.
- The arbitrator's award shall be substantiated in writing. The arbitration tribunal shall also decide on the costs of the arbitration procedure.
- The Parties here to shall submit to the arbitrator's award and the award shall be enforceable in any competent court of law.

#### **ARTICLE – 30: TAXES & DUTIES**

Successful Bidder is liable for all applicable taxes and duties at actual & will be paid by SCADL while releasing the payments.

#### **ARTICLE – 31: BOOKS & RECORDS**

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

#### **ARTICLE – 32: PERFORMANCE GUARANTEE**

32.1 The Service Provider shall furnish Performance Guarantee as provided in the bid document to SCADL for an amount equal to 10% of the value of Order.

32.2 The performance guarantee will be in the form of bank guarantee for the amount equal of 10% of the value of the Order / LOI towards faithful performance of the contract obligation, and performance of the services during contract period. In case of poor and unsatisfactory field services, SCADL shall invoke the PBG.

32.3 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 Public Sector Banks and private banks such as IDBI Bank, UTI Bank, HDFC Bank, ICICI Bank having branch in Ahmedabad in the format provided, to be submitted Within 15 working days of receipt of award.



32.6 The Performance Guarantee shall be discharged by SCADL and returned to the Service Provider within 30 days from the date of expiry of the Performance Bank Guarantee.

### **ARTICLE – 33: PAYMENTS TERMS**

- Quarterly Bill process against the services provided by bidder as per the Terms and Conditions of Service Level Agreement (SLA)
- The Commissioning Date shall be the date for commencement of the commercial billing cycle and payment of fees by SCADL in terms of this agreement for a particular link.
- A consolidated invoice will be sent for all the links active in a given quarter on pro rata basis on commencement of usage at a particular link.
- Quarterly billing cycle will start after commissioning the last link in the SCADL Network.
- For future expansion links any link, which is made operational during a quarterly billing cycle, pro-rata payments will be made for the commissioning quarter.
- The successful bidder shall submit reports for link availability, downtime, usage, fault & rectification (if any) etc. for each link separately, as generated by its monitoring system on monthly basis.
- In case of increase in bandwidth requirement with respect to the operational requirements of SCADL, the prices will be revised accordingly, as per the agreement. In case of any reduction in tariff from time to time due to whatever reasons, the corresponding benefit would be passed onto SCADL by the bidder.
- The Service Provider's request for the payment shall be made at the end of each quarter by submission of invoices along with following supporting documents:
  - Performances statistics
  - Log of network parameters along with Service Down time calculation and uptime percentage.
  - Any other documents necessary in support of the services performances acceptable to SCADL.
- The SCADL or its designated Agency shall verify all the supporting documents as prescribed and acceptable to SCADL.
- On the receipt of such invoiced after verification by the SCADL or its designated Agency.
- The quarterly payment shall be released after deduction/levying of penalties (if any for non-compliance of SLA), TDS/or any other taxes to be deducted at source as per tax laws, the currency of payment shall be Indian Rupees.
- 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 36 of this section and SCADL shall be entitled to deduct such Penalties at source while making payment to the Service Provider for the services provided.
- The service provider shall have to bear the consequences of any change, i.e. in taxes or laws





## **ARTICLE – 34: COMMERCIAL ISSUES**

34.1.1 The service provider shall be responsible for monitoring of Bandwidth. The Service provider shall be solely responsible for coordination with System Integrator selected by SCADL and upkeep of the bandwidth during the period of Agreement. The service provider shall take all necessary steps for restoration of bandwidth in case of any problem and shall report to SCADL in writing regarding the action taken.

34.1.2 In the event, the traffic demanded by SCADL exceeds the bandwidth capacity supplied, SCADL at their discretion may request the service provider to arrange for such additional bandwidth. When so requested, the service provider will facilitate to provide additional bandwidth on behalf of the SCADL as per requirement of the SCADL within 10 working days. The payment of such additional bandwidth as approved by the third party Agency or representative of SCADL shall be made to the Service Provider.

34.1.3 Number of locations - SCADL at their discretion can increase / decrease / terminate the number of locations/links/Bandwidth after the signing of the Agreement and adjust the payments proportionately.

## **ARTICLE – 35: 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 Circuits, as defined under scope of work.
- c. The Bidder has to submit regular schedule of technical man power availability & get it approved by SCADL, before deployment.
- d. The Bidder will have to carry out reinstallation or shifting of the Local Lead Circuit and related 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 SCADL.
- g. The Bidder needs to maintain the required security of the network as per the DIT/TRAI 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. Service Provider will have to submit the progress reports regularly, as per the guide line issued by SCADL.
- i. The Bidder need to make its own arrangement for establishing outside/field communication. SCADL will not provide any external / outgoing facility to other network.
- j. In case of outages, 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.

- k. 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.
- l. The Bidder needs to make alternate arrangement in case of major failure happens in the network, due to which services may be effecting for longer period.
- m. Bidder shall submit test procedures covering various test cases and expected results of these tests relating to various links 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.
- n. Bidder shall submit details of various reports generated by NMS like link availability, downtime, usage, fault & rectification, BER etc. which are required for link(s) monitoring.
- o. The bidder as part of its scope will configure a Dashboard/Web based tool which will enable SCADL to monitor and report network availability, issues, outages, etc. It should also be possible to extract availability reports from the same.

## **ARTICLE – 36: PENALTY CLAUSE**

### **36.1 Penalties for delay in implementation**

The successful bidder shall provide the services from the date of successful commissioning. In case of multiple locations, the date of successful commissioning for commencement of services for the locations of the client shall be mutually agreed between the Parties in writing and the roll out schedule for such multiple locations shall be appended. 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 @ 0.5% of the Quarterly Bill for delay of a day or part thereof, for the delayed site(s)/circuit(s), subject to the condition that the non-commissioning of the delayed link(s) /circuit(s) does not materially affect the performance and working of the circuits already commissioned. In other cases, when non-commissioning of a link/circuit affects materially the performance & working of other links / circuits, liquidated damages would be levied on all the affected links/circuits.

The maximum Liquidated damages would be limited to 20% of the order value as per above and also the Service Provider will be paid only from the date of actual commissioning of the link. The damages would be

36.1.2 If SCADL fails to provide space and related clearances for installation of the equipment at designated site /sites, within 30 days from written instructions given to Service Provider, to carry out the job as per the agreement terms, as a result of which the installation of the equipment is delayed and the Service Provider is not able to adhere to the schedule for completing the Acceptance Tests. In such an event, the Service Provider 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 Service



Provider will be deemed to have completed the Acceptance according to the schedule and SCADL will be required to pay the Service Provider as per agreement terms.

### 36.2 Operational Penalties

The Service Provider shall be responsible for maintaining the desired performance and availability of the services. The Service Provider should ensure the prompt service support during Contract period. The Service Provider shall be responsible for maintaining the desired performance and availability of the system/ services. Operational penalty will be imposed for each 'Hour' delay or part thereof delay, until actual availability of agreed Leased Bandwidth. The overall penalty cap would be 10% of the Quarterly Invoiced amount. If the Service Provider fails to provide services as specified above, the following penalty will be imposed. If quarterly Service uptime is: recovered from the dues payable quarterly to the service provider.

#### A) Internet Bandwidth:

S/N	Uptime	Penalty
1	99.70% or better	No Penalty
2	99.70% to 98.00%	Rs. 200/- (beyond agreed quarterly down time) per Link per Hour or part thereof.
3	98.00% to 95.00%	Rs. 500/- (beyond agreed quarterly down time) per Link per Hour or part thereof.
4	Below 95.00%	may lead to termination of contract

#### B) leased circuit Links:

S/N	Uptime	Penalty
1	99.50% or better	No Penalty
2	99.50% to 99.00 %	Rs. 5,000/- per link per hour beyond agreed down time or Part thereof
3	99.00% to 98.50%	Rs. 10,000/- per link per hour beyond agreed down time or Part thereof
4	Below 98.50%	Rs. 20,000/- per link per hour beyond agreed down time or Part thereof

#### C) Latency and Packet Loss:

S/N	Network Segment	Threshold	Penalty
1	Internet Bandwidth	Latency: 200 ms,	If Network Latency is not resolved within 24 Hrs than Rs 2000 per instance per Hour or part thereof.



S/N	Network Segment	Threshold	Penalty
2	Leased Circuits	Latency 20 ms	Rs. 10000/- (beyond agreed quarterly down time) per Link per Hour or part thereof.
3	Packet Loss across any Network Link	Less Than 1%	If the Packet Loss is not resolved within 6 Hour than Rs. 1000 per instance per Hour or part thereof

**Exclusions / conditions for which Downtime will not be considered as Downtime:**

- Downtime due to ‘planned outage’ for which prior approval has been given by SCADL.
- The uptime or Downtime calculation will not include any down time related to any media & its equipment, which are not provided/ installed by the Service Provider.
- The downtime caused due to problems related to non-availability of power, due to switch off / failure of power and/ or power fluctuations, hardware failure due to above.

Note: For any planned downtime, the Service Provider will inform SCADL, in writing at least 7 working days in advance and will take prior written permission. All planned activities for which downtime is required would be carried out in non-peak hours only and it is desirable to carry out such activities on off day i.e. public holiday only.

**ARTICLE – 37: APPROVALS / CLEARANCES**

37.1 Necessary approvals/ clearances concerned authorities, for establishing the proposed project are to be obtained by the Bidder, in case if any assistance is required from SCADL the same shall be extended accordingly after due consideration.

37.2 Necessary approvals / clearances from concerned authorities, as required, for fire protection, government duties / taxes are to be obtained by the Bidder.

37.3 Necessary approvals / clearances, from concerned authorities (like Nagarpalikas, Public Works Department (PWD), Department of Irrigation, State Electricity Board etc. for “Right of way”), as required, are to be obtained by the Service Provider for laying their own cables to meet system requirements.

37.4 Necessary approvals/ clearances from DoT/TEC/TRAI/ Concerned authorities/BSNL/any service provider, for establishing the network and connecting different Network elements/ports to BSNL/ any service provider’s circuits, shall be obtained by the Bidder.

**ARTICLE – 38: PROJECT IMPLEMENTATION**

38.1 SCADL 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 Service Provider under the scope of the work will be verified measured and accepted by the Engineer-In-Charge or its designated agency, for release of payment.

38.2 As part of implementation the Service Provider 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, if any, there on should also be clearly indicated.

38.3 The Service Provider will implement the project strictly as per the plan approved by SCADL. The Service Provider shall install and implement the proposed system at such locations as may be selected by SCADL within 60 days from the date of the Acceptance of LOI, which will be considered as a 'Kick Off' date. The Service Provider will have to complete provisional Acceptance Test of the equipment to the satisfaction of SCADL. This period may be extended depending upon the fulfilment of Conditions Precedent.

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

38.5 The Service Provider shall arrange to obtain all statutory permission (If any) at no cost to the SCADL.

38.6 The Service Provider may have to work during Holidays and Sundays, according to the urgency of work. The Service Provider will obtain such permission on his own in consultation with the Engineers-in-charge. It will be the responsibility of the Service Provider to co-ordinate with all other stakeholders working with SCADL in order to obtain NOC required to execute the job.

38.7 The Service Provider shall not disturb or damage the exiting 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.

38.8 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.

38.9 Service Provider 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 SCADL.

38.10 Any damage caused to the property of SCADL while executing the job shall be solely responsibility of Service Provider's. In case any damage to the property is caused, the same will be recovered from the Service Providers. No extra cost shall be paid to the Service Provider for such reasons.



38.11 The Service Provider shall have to furnish the documentation of the work undertaken in consultation with Engineer-in-charge/SCADL/AMC representative. 3 sets of such documentation should be provided before the issue of completion certificate.

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

38.13 In the event of the delay in delivery of contracted services or services is not satisfactory the SCADL may procure goods/ services from else ware as prescribed in bid and Service Provider 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 Service Provider.

38.14 SCADL or its representatives reserves the right to visit any working site of the Service Provider with prior intimation. The concern Service Provider has to make necessary arrangement for the same.

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

38.16 All work shall be performed and executed by the Service Provider in strict conformity with the engineer-in-charge / representative from SCADL and any relative instruction issued to the Service Provider by the Engineer-in-charge time to time.

38.17 SCADL shall associate few engineers / technicians during installation and commissioning work. The Service Provider shall ensure proper participation of the nominated personnel from SCADL and train them on the related system.

38.18 The Service Provider, will have to coordinate with the various stakeholder and Operators engaged with SCADL for execution of Ahmedabad Smart City Project for timely completion & commissioning of sites.

#### **ARTICLE – 39: ACCEPTANCE TEST**

Acceptance Test will be conducted in as follows:

39.1 Bidder shall intimate SCADL about provisioning of bandwidth at the designated site(s) at least one week in advance so that necessary Inspection/testing required can be organized.

39.2 Final Acceptance Test (FAT): After successful installation of the System in accordance with the requirements as mentioned in Schedule of Requirement, Final Acceptance Test will be conducted. After



successful testing by the designated Agency appointed by SCADL, Acceptance Test Certificate will be issued by.

- Type of test: As per TEC, acceptance test to be conducted on leased circuit and provision of testing equipment to conduct such test will be provided by the Service Provider. The Service Provider will provide necessary support & logistics to staff who will be interested to carry out the test and also technical support.

39.3 The date on which Acceptance certificate is issued shall be deemed to be the date of successful commissioning of the System.

39.4 Any delay by the Service Provider in the Acceptance Testing shall render the Service Provider liable to the imposition of appropriate Penalties.

39.5 The first step will involve successful installation of all sites. The provisional acceptance of these sites will be defined as partial acceptance.

#### **ARTICLE – 40: INSTALLATION REQUIREMENTS**

40.1 The Service Provider needs to pull necessary media/cables up to required place, using approved PVC Piping/Channel/CAT6 or Fiber Cable and required necessary media convertors.

40.2 The necessary Civil & Electrical work has to be carried out by the Service Provider. The SCADL will not reimburse any cost towards the same. The Service Provider need to take necessary permission if require from concern authority. SCADL will only provide space and RAW power at each of its node.

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

During the currency of the Agreement, for any additional requirement of equipment including interface equipment, the specifications will be provided by the Service Provider. SCADL/its designated Agency will verify suitability of the specifications uploaded by Service Provider and recommend for acceptance. The Service Provider will be obligated to undertake integration, operation and maintenance for all additional equipment if required.

#### **ARTICLE – 42: THIRD PARTY AGENCY**

SCADL may appoint a Third Party Agency, 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 Service Provider under the Agreement. The Service Provider will have to coordinate and co-operate with such Third Party Agency.

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

In case, if Service Provider wish to have support from any external agency, it's very necessary to inform



SCADL in written prior to allow them to work on its 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 Service Provider 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 SCADL.

#### **ARTICLE – 44: TERMINATION OF SERVICE**

**Termination by SCADL** – As the continuity of connectivity is one of the major issues to any public service communication, the SCADL 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 if: -

- a. The bidder becomes the subject of bankruptcy, insolvency, and winding up, receivership proceedings;
- b. In case SCADL finds illegal use of connections, hardware, software tools, manpower etc. that are dedicated to the SCADL project(s);
- c. In case the bidder fails to provide services at the minimum agreed service level continually for 2 quarters;
- d. In case any connectivity link is down under the responsibility of service provider for more than 7 days continuously;

**Termination by Successful bidder** –The successful bidder reserves the right to suspend any of the Services and/or terminate the Agreement at any time with 30 days’ notice if the payment to the Service Provider is due for more than 2 (two) consecutive quarters.

Conditions of Termination –

- a. Upon occurrence of an event of default as set out in Clause above, either party will deliver a default notice in writing to the other party which shall specify the event of default, and give the other party an opportunity to correct the default.
- b. Upon expiry of notice period unless the party receiving the default notice remedied the default, the party giving the default notice may terminate the Agreement.
- c. During the notice period, both parties shall, save as otherwise provided therein, continue to perform their respective obligations under this Agreement and shall not, whether by act of omission or commission impede or otherwise interfere with party’s endeavor to remedy the default which gave rise to the commencement of such notice period.

#### **ARTICLE – 45: PROVISION OF SPACE / UTILITIES**

- Necessary electrical AC power supply at every site will be provided for the Service Provider by the SCADL.
- SCADL may decide at its discretion to change the location of sites during implementation or after





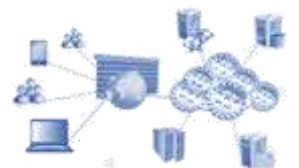
implementation but during the Agreement period. The services shall be operational within a period of 15 days from the date the said request is made by SCADL.

- SCADL shall reimburse the actual cost of relocation incurred by the Service Provider as verified by the it's designated Agency.
- 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.
- SCADL 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:5***

## ***PRICE BID***



## Section 5: Price Bid Format

- Price Bid has been divided into four schedules i.e. Schedule-1 for Internet bandwidth, Schedule-2 for leased Circuits, Schedule-3 Rate contract for Internet Bandwidth and Schedule-4 Rate contract for leased Circuits.

### Schedule-1: Internet Bandwidth

S. No	Location	Bandwidth Requirement (Gbps)	One Time Installation Charges	Annual Rental (Yr. 1)	Annual Rental (Yr. 2)	Annual Rental (Yr. 3)	Total Rates (W/o Taxes)	Tax (%)
A	B	C	D	E	F	G	H=D+E+F+G	I
1	As per Annexure-B	5.0						
		6.0						
		7.0						

**Note:**

- SCADL is willing to buy consolidated/Bulk bandwidth; however successful bidder is required to terminate the desired bandwidth at the locations defined in the Annexure-B of this RFP.
- While SCADL is discovering rates for multiple bandwidth categories, one and only one out of the bandwidth requirement provided in schedule – 1 will be consumed and paid for during an invoicing cycle.
- For evaluating the final price for schedule - 1 average of all three row items (Column – H) will be considered.
- Aggregate bandwidth will be distributed across 50 locations amongst those specified in Annexure – A.
- Bandwidth requirement mentioned above is for bid evaluation purpose only, however SCADL may place purchase order based on their requirement for any of above mentioned bandwidth.



## Schedule-2: Leased circuits for City Wide Network, Ahmedabad

S. No.	Leased Circuit Bandwidth	Qty.	One Time Installation Charges	Annual Rental (Yr. 1)	Annual Rental (Yr. 2)	Annual Rental (Yr. 3)	Total rates (w/o tax)	Tax (%)
A	B	C	D	E	F	G	H=D+E+F+G	I
1	2 Mbps	653						
2	5 Mbps	96						
3	10 Mbps	375						
4	15 Mbps	12						
5	20 Mbps	7						
6	25 Mbps	3						
7	30 Mbps	1						
8	35 Mbps	3						
9	40 Mbps	1						
10	50 Mbps	295						
11	55 Mbps	20						
12	60 Mbps	7						
13	2500 Mbps	1						
14	As per sizing (at zonal office)	6						
<b>Total</b>								

### Note:

- Last mile should be on Optical fiber only terminating at Media equipment of the Service Provider.
- The rates should be exclusive of all taxes. The applicable taxes should be quoted separately in appropriate column.



### Schedule-3: Rate contract for Internet Bandwidth

Internet Bandwidth	Qty.	One Time Installation Charges	Annual Rental	Total Rates (w/o Taxes)	Tax (%)
A	B	C	D	$E = B * [C + (D * 3)]$	F
5 Mbps	20				
10 Mbps	20				
20 Mbps	20				
50 Mbps	5				
100 Mbps	5				
200 Mbps	5				
<b>Total</b>					

Note:

- Total of schedule 3 will be calculated as sum of total rates of all line items (w/o tax) [Qty.\*(One-time installation charges+ Annual rental for 3 years)]
- Above mentioned quantities in Column 'B' is for bid evaluation purpose only. However, orders will be released on actual requirement during the contract tenure if any.

### Schedule-4: Rate contract for Leased Circuits

Leased Circuit Bandwidth	Qty.	One Time Installation Charges	Annual Rental	Total rates (w/o tax)	VAT/Service Tax (%)
A	C	D	E	$F = C * [D + (E * 3)]$	G
2 Mbps	130				
5 Mbps	20				
10 Mbps	75				
20 Mbps	5				
50 Mbps	60				
100 Mbps	5				
200 Mbps	5				

Note:

- Total of schedule -4 will be calculated as sum of total rates of all line items (w/o tax)



[Qty.\*(One-time installation charges+ Annual rental for 3 years)]

- Above mentioned quantities in Column 'C' is for bid evaluation purpose only. However, orders will be released on actual requirement during the contract tenure if any.

## ***SECTION:6***

## ***FORMATS***



**“Form-A: FINANCIAL CAPABILITIES”**

Turnover			Net Worth		
2013 –2014	2014 –2015	2015 –2016	2013 –2014	2014 –2015	2015 –2016

**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) on account of required 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 EXPERIENCE OF SIMILAR PROJECTS**

S/N	Client Name	Project Name	Nature of Assignment	Project Details (as per Eligibility Criteria)	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 “**

S/N	RFP Clause No.	RFP Clause	Complied / Not Complied	Comments
1				
2				
3				
4				

Note: The Clause by Clause Technical Compliance should be submitted by bidder duly signed by Power of Attorney.

**“FORM-D: DEVIATION STATEMENT”**

S/N	RFP Clause No.	RFP Clause	Deviation (if any)	Comments
1				
2				
3				
4				

Note: The detailed statement along with the nature of deviation and its impact should be submitted by the bidder duly signed by authorized person along with the copy of Power of Attorney authorizing his/her to sign on behalf of the organization.





**“FORM-E: Organization Capabilities”**

S/N	Name of the customer	Address of the Installation	Start Date of Project	Completion Date of the Project	Scope of the work. Also specify the systems installed	Value of the project in Rupees	Purchase order submitted (yes/no)



## **“FORM-F: BID LETTER FORM”**

(Shall be submitted on Bidder’s letterhead duly signed by Authorized signatory)

**Date:**

**To,**  
CEO, SCADL  
Smart City Ahmedabad Development Limited  
Ramanbhai Patel Bhavan, Usmanpura  
Ahmedabad  
Gujarat- 380013.

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

**Ref: CONTRACT FOR \_\_\_\_\_.**

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 services as detailed in the above mentioned bid submitted by us.

If our Bid is accepted, we undertake to;

1. Execute all contractual documents and provide all securities & guarantees as required in the bid document (and as amended from time to time)
2. Provide the requisite services within the time frame as defined in the bid documents (and as amended from time to time)
3. Maintain validity of the Bid for a period of 180 days from the date of Bid opening or 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 AMC/SCADL Tender Committee for disqualification will be accepted by us.



Thanking you,  
For <Name of the bidder>>  
<<Authorized Signatory>>  
<<Stamp of the bidder>>

### **FORM-G**

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

Ref:

Bank Guarantee No.

Date:

To,

CEO, SCADL  
Smart City Ahmedabad Development Limited  
Ramanbhai Patel Bhavan, Usmanpura  
Ahmedabad  
Gujarat- 380013.

Whereas ----- (here in after called "the Bidder") has submitted its bid dated ----- in response to the Tender for "Supply, Installation and Commissioning of Leased Circuit & Internet Bandwidth for Ahmedabad Smart City Project " On Behalf Of SCADL, Ahmedabad And To Integrate The Same With Existing Infrastructure KNOW ALL MEN by these presents that WE -----  
----- having our registered office at -----  
(hereinafter called "the Bank") are bound unto the Ahmedabad Municipal Corporation in the sum of ----- for which payment well and truly to be made to Ahmedabad Municipal Corporation, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this -----day of -----2016.

THE CONDITIONS of this obligation are:

1. The E.M.D. may be forfeited:
  - a. if a Bidder withdraws its bid during the period of bid validity
  - b. Does not accept the correction of errors made in the tender document;
  - c. In case of a successful Bidder, if the Bidder fails:
    - i. To sign the Contract as mentioned above within the time limit stipulated by purchaser  
or
    - ii. To furnish performance bank guarantee as mentioned above or
    - iii. If the bidder is found to be involved in fraudulent practices.
    - iv. If the bidder fails to submit the copy of purchase order & acceptance thereof.

We undertake to pay to the SCADL/Purchaser up to the above amount upon receipt of its



first written demand, without SCADL/ Purchaser having to substantiate its demand, provided that in its demand SCADL will specify that the amount claimed by it is due to it owing to the occurrence of any of the abovementioned conditions, specifying the occurred condition or conditions.

This guarantee will remain valid up to 9 months from the last date of bid submission. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that the guarantee herein contained shall continue to be enforceable till the OWNER/PURCHASER discharges this guarantee

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

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

Dated at \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_ 2015.

\_\_\_\_\_

Signed and delivered by

\_\_\_\_\_

For & on Behalf of

Name of the Bank & Branch  
& Its official Address

Approved Bank: Any Nationalized Bank operating in India having branch at Ahmedabad/ Gandhinagar



# **Service Level Agreement (SLA's) for Providing Internet Bandwidth and Leased circuit connectivity for City Wide Network of Ahmedabad Smart City Project**



This Service Level Agreement (hereinafter referred to as "Agreement") is effective from \_\_\_\_\_ Between M/s \_\_\_\_\_ Having its Head Office at " \_\_\_\_\_ ", and Smart City Ahmedabad Development Limited, Ahmedabad, having its office at \_\_\_\_\_ Ahmedabad (hereinafter referred to as "SCADL").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

- 1) In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
- 2) The following documents shall be deemed to form and be read and construed as part of this Agreement.
- 3) Total contract value is for Rs. /- \_\_\_\_\_. The above contract value is for the entire scope of work as mentioned in the Service Level Agreement (SLA).
- 4) SCOPE & Responsibility of SERVICE as per the terms and conditions mentioned in the SLA.
- 5) IN WITNESS, whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.
- 6) This Agreement shall remain in force for a period effective from \_\_/\_\_/\_\_\_\_ to \_\_/\_\_/\_\_\_\_\_.

## **ARTICLE -1 Scope of Work**

### **1.1 Name of the Work**

Providing Internet & leased circuit based Leased Bandwidth for the city-wide Network of Ahmedabad Smart City Project at the locations mentioned in Schedule 1 & 2 as desired by SCADL and maintenance and management of Internet Bandwidth for 24\*7\*365 days during the contract period.

### **1.2 Scope of the Work**

- a) Study of Proposed Network infrastructure
- b) Technical design of the network components for the termination of required Bandwidth at the locations defined in Annexure A and B.
- c) The Service Provider shall provide Bandwidth (Dedicated & Unshared) at SCADL nodes and its zonal offices or at other location as desired by SCADL. The Service Provider shall be responsible for local loop, equipment and any other hardware / software involved for making the services available at the locations specified as per the terms and conditions mentioned in SLA.

### **1.3 Help Desk / Service Support on (24 Hours \* 7 Days \* 12 Months basis)**

- a) bidder shall make provisions for dedicated manpower to monitor all links and troubleshoot in case of downtimes. The Bidder shall book user complaints, auto incidents generated through NMS related to bandwidth.
- b) The Service Provider will co-ordinate with other agencies working for SCADL to resolve the inter-operability issues.



c) The Service Provider would manage and maintain necessary call records for administrative purposes.

## **ARTICLE -2 SERVICE TERMS**

### **2.1 General Terms**

- The contract shall remain in force till the expiry of contract period from \_\_\_ / \_\_\_ / \_\_\_ To \_\_\_ / \_\_\_ / \_\_\_, SCADL reserve the right to extend the period of validity for further period of 2years on mutually agreed terms and condition for the extended period. The services under this contract shall have to render at the agreed remuneration. No extra remuneration shall be payable in case of delay of work by the Service Provider.
- The payment shall be made on the basis of availability of Bandwidth to the SCADL Network. Bills shall be raised and sent to SCADL for certification and recommendation and making the payment.
- During the validity of the contract period, the Service Provider shall render their services timely as per requirement. In case of genuine reason, if Service Provider is not in position to provide the Internet Bandwidth as per SLA, the same shall be intimated well in advance to SCADL. In case of such delay and in absence of services, if the work is carried out through other agency, then the same shall be at the same cost of the Service Provider.
- In case of breach of any terms and condition the contract, the Service Provider shall be given a notice to rectify it. However, if they fail to rectify it within 72 hours, then they will be liable to pay compensation to SCADL at the rate decided by SCADL and same shall be sufficient cause for termination of contract.
- The Service Provider shall take required insurance for all of their representatives / engineers working on the site at their own cost. SCADL will not be responsible for any loss or damage to any of the representative of the third party during the said contract.
- In case of natural calamities or some other Force Majeure any damage occurred to the properties and premises of the Service Provider, for that SCADL would not be responsible.
- In case of any dispute, decision of SCADL shall be final and binding to the agency.
- The Service Provider shall maintain service up-time (Internet Bandwidth-99.70%, leased circuit 99.50%) i.e. availability of the bandwidth. The down time of any reasons other than force majeure circumstances/condition mentioned in Article -4 of this agreement will be considered as service down time for the purpose of calculation for bandwidth.
- The Service Provider shall submit Performance Bank Guarantee equivalent to 10% of the order value in the form of bank guarantee issued by of all Nationalized Bank including the public sector bank or Private Sector Banks authorized by RBI or Commercial Bank or Regional Rural Banks of Gujarat or Co-Operative Bank of Gujarat (operating in India having branch at Ahmedabad/Gandhinagar).
- The Service Provider is responsible to provide operational support to maintain the uptime of the services related to Bandwidth.
- The Service Provider is responsible to ensure uptime of the services as required by SCADL. Hence, the uptime for all the equipment / application software's / components used for the Internet Bandwidth is the sole responsibility of the Service Provider.
- The Service Provider 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 SCADL.
- Any damage caused to the property of SCADL/AMC while executing the job shall be solely Service Provider's responsibility. In case any damage to the property is caused, the same will be recovered from the Service Provider and no any extra cost shall be paid for such reasons.
- The Service Provider will have to Monitor the Outgoing traffic, Internet Bandwidth utilization on daily



basis, vis-à-vis thresholds and overflow. The Service Provider will have to generate Daily usage log report for the same.

- The Service Provider will have to carry out Installation / upgrades of System Software, operating system and patches as and when required. The Service Provider will also have to perform quarterly system performance tuning – changing the system configuration parameters. The Service Provider should always take SCADL in confidence by following the configuration management procedure before making any major changes into the existing setup & infrastructure.
- In case of any major changes, at the setup and at configuration level, the necessary document update in the form of Upgrade should be submitted by the Service Provider to SCADL from time-to-time.
- The Service Provider will have to manage and maintain necessary 'Logs' for administrative purposes. And will have to analyse the same to prepare call statistics report. The performance statistics is required to be prepared on weekly basis which would be the base for deciding the uptime of the required service.
- Security Measures to be defined, established, implemented and managed in consultation with SCADL as per the requirements.

## **2.2 Approvals / Clearances**

- Necessary approvals/ clearances of concerned authorities, for establishing the proposed project are to be obtained by the Service Provider as per the scope of work.
- Necessary approvals / clearances from concerned authorities, as required, for fire protection, government duties / taxes / Octroi, are to be obtained by the Service Provider.
- Necessary approvals / clearances, from concerned authorities (like City Nagar Nigam, Public Works Department (PWD), Department of Irrigation, State Electricity Board etc. for "Right of way"), as required, are to be obtained by the Service Provider for laying their own cables to meet system requirements

## **2.3 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.

## **2.4 Use of Agreement Documents and Information**

- The Service Provider shall not without prior written consent from SCADL disclose the Agreement or any provision thereof or any specification, plans, drawings, pattern, samples or information furnished by or on behalf of SCADL in connection therewith to any person other than the person employed by the Service Provider in the performance of the Agreement. Disclosure to any such employee shall be made in confidence and shall extend only as far as may be necessary for such performance. The Service Provider shall not without prior written consent of SCADL make use of any document or information made available for the project except for purposes of performing the Agreement.
- All project related documents issued by SCADL other than the Agreement itself shall remain the property of SCADL and Originals and all copies shall be returned to SCADL on completion of the Service Provider's performance under the Agreement, if so required by the SCADL.

## **2.5 Resolution of Disputes**

- 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 give 15 days' notice thereof to the other Party in writing.
- The place of the arbitration shall be Ahmedabad, Gujarat. The Arbitration proceeding shall be governed by the Arbitration and Conciliation Act of 1996 as amended from time to time. The proceedings of arbitration shall be in English language.

## **2.6 Taxes and Duties**

Successful Bidder is liable for all applicable taxes and duties at actual & will be paid by SCADL while releasing the payments.

## **2.7 Books and Records**

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

## **2.8 Performance Guarantee**

- The Service Provider shall furnish Performance Guarantee as provided in the bid document to SCADL for an amount equal to 10% of the value of Order / LOI.
- 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 authorized by RBI or Commercial Bank or Regional Rural Banks of Gujarat or Co-Operative Bank of Gujarat (operating in India having branch at Ahmedabad/ Gandhinagar) in the format provided by SCADL to be submitted Within 15 working days of receipt of The Lol.
- The Performance Guarantee shall be discharged by SCADL and returned to the Service Provider within 30 days from the date of expiry of the Performance Bank Guarantee.

## **2.9 Third Party Agency**

SCADL or its designated Agency, which would monitor the performance of the Internet Bandwidth and leased circuits. This Third Party Agency will also conduct the Partial and Final Acceptance Test as per the technical requirement of the Agreement and will issue the Certificate of Completion. Third Party Agency will verify the services as mentioned in SLA. The Service Provider will co-operate with such Third Party Agency.

## **2.10 Support from External Agency**

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

## **ARTICLE - 3 PENALTY**

The Service Provider shall be responsible for maintaining the desired performance and availability of the services. The Service Provider should ensure the prompt service support during Contract period.



The Service Provider shall be responsible for maintaining the desired performance and availability of the system/services. Operational penalty will be imposed for each 'Hour' delay or part thereof delay, until actual availability of agreed Leased Bandwidth. The overall penalty cap would be 10% of the Quarterly Invoiced amount. If the Service Provider fails to provide services as specified above, the following penalty will be imposed. If quarterly Service uptime is:

**A) Internet Bandwidth:**

S/N	Uptime	Penalty
1	99.70% or better	No Penalty
2	Less than 99.70% Up Time	Rs. 10000/- (beyond agreed quarterly down time) per Link per Hour or part thereof.

**B) Leased circuits:**

S/N	Uptime	Penalty
1	99.50% or better	No Penalty
2	Less than 99.50% to 99.00 %	Rs. 5,000/- per link per hour beyond agreed down time or Part thereof
3	Less than 99.00% to 98.50%	Rs. 10,000/- per link per hour beyond agreed down time or Part thereof
4	Below 98.50%	Rs. 20,000/- per link per hour beyond agreed down time or Part thereof

**C) Latency and Packet Loss:**

S/N	Network Segment	Threshold	Penalty
1	Internet Bandwidth	Latency: 200 ms,	If Network Latency is not resolved within 24 Hrs than Rs 2000 per instance per Hour or part thereof.
2	Leased Circuits	Latency 20 ms	Rs. 10000/- (beyond agreed quarterly down time) per Link per Hour or part thereof.
3	Packet Loss across any Network Link	Less Than 1%	If the Packet Loss is not resolved within 6 Hour than Rs. 1000/- per instance per Hour or part thereof

**Exclusions / conditions for which Downtime will not be considered as Downtime:**

- 1) Downtime due to 'planned outage' for which prior approval has been given by SCADL.
- 2) The uptime or Downtime calculation will not include any down time related to any media & its equipment, which are not provided/ installed by the Service Provider.
- 3) The downtime caused due to problems related to non-availability of power, due to switch off / failure of power and/ or power fluctuations, hardware failure due to above.

Note: For any planned downtime, the Service Provider will inform SCADL, in writing at least 7 working days in advance and will take prior written permission. All planned activities for which downtime is required would be carried out in non-peak hours only and it is desirable to carry out such activities on off day i.e. public holiday



only.

#### **ARTICLE -4 FORCE MAJEURE**

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

##### **4.1 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:

- a. Failure of satellite due to atmospheric / other space disturbances like sunspots etc.
- b. Natural events ("Natural Events") to the extent they satisfy the foregoing requirements including.
- c. Any material effect on the natural elements, including lightning, fire, earthquake, cyclone, flood, storm, tornado, or typhoon;
- d. Explosion or chemical contamination (other than resulting from an act of war);
- e. Epidemic such as plague;
- f. Any event or circumstance of a nature analogous to any of the foregoing.
- g. Other Events ("Political Events") to the extent that they satisfy the foregoing requirements including:
- h. 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: 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;
- i. Strikes, work to rules, go-slows which are either widespread, nation-wide, or state-wide and are of political nature; Any event or circumstance of a nature analogous to any of the foregoing.

##### **4.2 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
- b) Late delivery
- c) Delay in the performance of any contractor, sub-contractors or their agents;

##### **4.3 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 - 5 PAYMENT TERMS**

The SCADL agree to pay Rs. \_\_\_\_\_ Only (In words) as annual service charges/ rental charges for , supply, Installation & commissioning of Bandwidth for SCADL Network and mentioned Locations in the price bid. The cost is including Annual Maintenance Charges but does not include service taxes and educational cess etc., the SCADL shall pay it on actuals. The Service Provider shall be paid the annual rental charges on quarterly basis.

At the end of each quarter, the service provider will submit the invoices to SCADL with necessary certificates and verification of the services extended. The same shall be verified and certified by SCADL/ Other Agency designated by SCADL, and submitted to SCADL.

**In Witness whereof, these parties to this Agreement have signed on \_\_\_\_\_ day of , 2017 by and in the in the presence of the following witnesses:**

**Signed by:**  
**Authorized Signatory**  
**Ahmedabad Municipal Corporation, Ahmedabad**

**Witnesses**

- 1.) \_\_\_\_\_
- 2.) \_\_\_\_\_
- 3.) \_\_\_\_\_

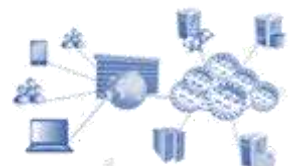
**The Service Provider**

- 1.) \_\_\_\_\_
- 2.) \_\_\_\_\_
- 3.) \_\_\_\_\_



# ***SECTION:7***

# ***ANNEXURE***



## ANNEXURE – A

S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1	South	Ward Office	36_DANILIMDA	10
2	North	Ward Office	22_INDIA_COLONY	10
3	East	Ward Office	24_NIKOL	10
4	East	Ward Office	48_RAMOL_HATHIJAN	10
5	Central	Ward Office	16_SHAHIBAG	10
6	South	Ward Office	46_LAMBHA	10
7	North	Ward Office	23_THAKKARBAPANAGAR	10
8	Central	Ward Office	28_KHADIA	10
9	West	Ward Office	18_NAVRANGPURA	10
10	Central	Ward Office	29_JAMALPUR	10
11	North	Ward Office	13_SAIJPUR_BOGHA	10
12	North	Ward Office	14_KUBERNAGR	10
13	West	Ward Office	31_VASNA	10
14	West	Ward Office	30_PALDI	10
15	New West	Ward Office	34_MAKTAMPURA	10
16	East	Ward Office	43_BHAIPURA	10
17	South	Ward Office	37_MANINAGAR	10
18	New West	Ward Office	08_THALTEJ	10
19	South	Ward Office	44_KHOKHRA	10
20	New West	Ward Office	07_GHATLODIA	10
21	West	Ward Office	05_RANIP	10
22	New West	Ward Office	01_GOTA	10
23	New West	Ward Office	19_BODAKDEV	10
24	New West	Ward Office	33_SARKHEJ	10
25	New West	Ward Office	32_VEJALPUR	10
26	New West	Ward Office	20_JODHPUR	10
27	West	Ward Office	10_S_P_STADIUM	10
28	West	Ward Office	06_NEW_WADAJ	10
29	West	Ward Office	04_SABARMATI	10
30	West	Ward Office	03_CHANDKHEDA	10
31	Central	Ward Office	21_DARIYAPUR	10



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
32	North	Ward Office	Runway	10
33	South	Ward Office	45_ISANPUR	10
34	South	Ward Office	42_INDRAPURI	10
35	South	Ward Office	47_VATVA	10
36	South	Ward Office	35_BAHERAMPURA	10
37	East	Ward Office	38_GOMTIPUR	10
38	East	Ward Office	39_AMRAIWADI	10
39	North	Ward Office	26_BAPUNAGAR	10
40	East	Ward Office	41_VASTRAL	10
41	East	Ward Office	40_ODHAV	10
42	North	Ward Office	12_NARODA	10
43	Central	Ward Office	15_ASARWA	10
44	North	Ward Office	27_SARASPUR_RAKHIYAL	10
45	West	Ward Office	09_NARANPURA	10
46	Central	Ward Office	17_SHAHPUR	10
47	New West	Ward Office	02_CHANDLODIA	10
48	East	Ward Office	25_VIRATNAGAR	10
49	North	Zonal Office	North Zone	Required as per aggregation
50	South	Zonal Office	South Zone	Required as per aggregation
51	East	Zonal Office	East Zone	Required as per aggregation
52	Central	Zonal Office	Central Zone	Required as per aggregation
53	West	Zonal Office	West zone	Required as per aggregation
54	New West	Zonal Office	New West Zone	Required as per aggregation
55	New West	UHC	B J MEDICAL COLLEGE	5
56	North	UHC	BAPUNAGAR GENERAL HOSPITAL	5
57	South	UHC	L G HOSPITAL	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
58	South	UHC	RUKSHMANI HOSPITAL	5
59	North	UHC	SHARDABEN HOSPITAL	50
60	West	UHC	V S HOSPITAL	50
61	East	UHC	VIRATNAGAR	5
62	East	UHC	BHAIPURA	5
63	East	UHC	GOMTIPUR	5
64	East	UHC	RAJPUR	10
65	East	UHC	RAKHIAL	5
66	East	UHC	VASTRAL	10
67	East	UHC	RAMOL	5
68	North	UHC	BAPUNAGAR	5
69	East	UHC	AMRAIWADI	5
70	East	UHC	NIKOL	5
71	Central	UHC	DARIAPUR	5
72	Central	UHC	MADHUPURA	5
73	Central	UHC	KALUPUR	5
74	Central	UHC	KHADIA	5
75	Central	UHC	RAIKHAD	5
76	Central	UHC	JAMALPUR	10
77	New West	UHC	SHAHPUR	5
78	Central	UHC	DUDHESHWAR	10
79	Central	UHC	GIRDHARNAGAR	5
80	South	UHC	BEHRAMPURA	10
81	South	UHC	DANILIMDA	10
82	South	UHC	KANKARIA	10
83	South	UHC	LAMBHA	5
84	South	UHC	VATVA	5
85	South	UHC	INDRAPURI	5
86	South	UHC	MANINAGAR	5
87	South	UHC	GHODASAR	5
88	South	UHC	ISANPUR	15
89	South	UHC	KHOKHARA	50
90	West	UHC	PALDI	5
91	West	UHC	VASNA	5
92	West	UHC	AMBAVADI	5
93	West	UHC	NAVRANGPURA	5





S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
94	West	UHC	STADIUM	5
95	West	UHC	NARANPURA	5
96	West	UHC	OLD WADAJ	5
97	West	UHC	NAVA WADAJ	5
98	West	UHC	SABARMATI	10
99	West	UHC	CHANDKHEDA	5
100	New West	UHC	GHATLODIA	5
101	New West	UHC	CHANDLODIA	5
102	West	UHC	RANIP	10
103	New West	UHC	THALTEJ	5
104	New West	UHC	VEJALPUR	5
105	New West	UHC	BODAKDEV	5
106	New West	UHC	JODHPUR	5
107	New West	UHC	SARKHEJ	5
108	West	UHC	KALI	5
109	New West	UHC	GOTA	15
110	North	UHC	SARASPUR	5
111	Central	UHC	ASARWA	5
112	North	UHC	SARDARNAGAR	5
113	North	UHC	THAKKARNAGAR	5
114	North	UHC	SAIJPUR	5
115	North	UHC	NARODA MUTHIYA	5
116	North	UHC	KRISHNANAGAR	5
117	North	UHC	KUBERNAGAR	5
118	North	UHC	NARODA ROAD	5
119	North	UHC	INDIA COLONY	5
120	North	UHC	NOBALNAGAR	5
121	South	UHC	VATVA	5
122	North	UHC	NARODA MUTHIYA	5
123	New West	UHC	SHAHPUR	5
124	Central	UHC	MADHUPURA	5
125	East	UHC	GOMTIPUR	5
126	New West	UHC	SARKHEJ CHC	5
127	West	UHC	CHANDKHEDA CHC	5
128	North	Major Hospital	SHARDABEN HOSPITAL	50
129	Central	Major Hospital	V S HOSPITAL	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
130	South	Major Hospital	L G HOSPITAL	50
131	South	Major Hospital	KHOKHARA	50
132	East	Dumping Ground	Gomtipur DR Pumping Station	2
133	Central	Dumping Ground	Shaiking Tower DR.Pumping Station	2
134	East	Dumping Ground	Rakhial Drainage Pumping Staion	2
135	South	Dumping Ground	Bag E Firdos Drainage Pumping Station	2
136	East	Dumping Ground	Nikol Drainage Pumping Station	2
137	East	Dumping Ground	Odhav_B Drainage Pumping Station	2
138	East	Dumping Ground	Odhav-E Drainage Pumping Station	2
139	East	Dumping Ground	Odhav-A Drainage Pumping Station	2
140	West	BRTS Depot	Chandkheda,	5
141	South	BRTS Depot	ITO	5
142	South	BRTS Depot	Chandola Talab	5
143	East	BRTS Depot	Odhav	20
144	New West	Fire Stations	Bodakdev Fire Station	10
145	East	Fire Stations	Gomtipur Fire Station	10
146	Central	Fire Stations	Jamalpur Fire Station	10
147	South	Fire Stations	Jasodanagar Fire Station	10
148	South	Fire Stations	Maninagar Fire Station	10
149	South	Fire Stations	Memnagar Fire station	10
150	Central	Fire Stations	Danapith Fire Station	10
151	North	Fire Stations	Naroda Fire Station	10
152	East	Fire Stations	Odhav Fire Station	10
153	Central	Fire Stations	Panchkuva Fire Station	10
154	West	Fire Stations	Sabarmati Fire Station	10
155	Central	Fire Stations	Shahpur Fire Station	10
156	Central	Municipal Parks	sardar baugh	5
157	Central	Municipal Parks	lokmanya tilak garden	2
158	Central	Municipal Parks	tirthankar udhyan	5
159	Central	Municipal Parks	late jethabhai parmar	2
160	Central	Municipal Parks	hitendra desai	2
161	Central	Municipal Parks	rajendra park	5
162	Central	Municipal Parks	dariyakhan ghumat garden	5
163	Central	Municipal Parks	Astodiya garden	5
164	Central	Municipal Parks	jagannath temple	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
165	Central	Municipal Parks	Asavalli garden	5
166	Central	Municipal Parks	madhubaugh	2
167	Central	Municipal Parks	hajipura garden	2
168	Central	Municipal Parks	raghnathji purohit garden	5
169	East	Municipal Parks	late ramlal rupala	5
170	North	Municipal Parks	bhimrav garden	5
171	North	Municipal Parks	soneria garden	5
172	East	Municipal Parks	late manubhai parmar	2
173	North	Municipal Parks	bapunagar post office garden	2
174	East	Municipal Parks	hathikhai garden	5
175	East	Municipal Parks	Madhuvan Garden, Nr.Sugyan School, Viratnagar	2
176	East	Municipal Parks	Gayatri Vatika Udhyan, Opp.Ambica Nagar School	2
177	East	Municipal Parks	Shree Public Park, Nr.Khodiar Mandir	2
178	East	Municipal Parks	Shrijee Public Park	2
179	East	Municipal Parks	Sad Guru Garden, Nikol	2
180	East	Municipal Parks	Dhruv Public Park, Vastral gate	2
181	East	Municipal Parks	Kailash Van, Nr.Gor na Kuva, Maninagar (East)	2
182	East	Municipal Parks	Nr. Jain Derasar Garden	2
183	West	Municipal Parks	Sheth T B Park (Parimal garden), Nr.Chadavad Police chowki	10
184	West	Municipal Parks	Dus Bungla Garden, Gulbai Tekra	2
185	West	Municipal Parks	Dr.Vanikar Udhyan (Mithakhali garden), Mithakhali Gam	2
186	West	Municipal Parks	Sheth B G Park (Bhikhabhai garden), Nr.Ellisbridge	2
187	West	Municipal Parks	Sachivalay Garden, Gulbai Tekra	2
188	West	Municipal Parks	Prahladbhai Patel Joggers Park, Ishvar Bhuvan	2
189	West	Municipal Parks	Gitabaug, Nr.Gitabaug Tubewell St.	2
190	West	Municipal Parks	Late Atmaram Mancharam Gujjar Udhyan (Fatehpura garden), Nr.Fatehpura Tubewell St.	2
191	West	Municipal Parks	Sheth Manjulal S Udhyan, Paldi Char Rasta, Paldi	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
192	West	Municipal Parks	Sharda Mandir Garden, Sharda Mandir Road, Paldi	2
193	West	Municipal Parks	Dhanvantari Aruvedic Udhyan, Opp.Prashan Park Soc.	2
194	West	Municipal Parks	Chandra Shekhar Azad Garden, Nr.Azad Soc.	2
195	West	Municipal Parks	Saurabh Garden, Nr.St.Xavier Loyla School	2
196	West	Municipal Parks	Late Papatlal Chotalal Dani Udhyan, Shreyas Crossing	2
197	West	Municipal Parks	Bansidhar Garden, Nr.Bansidhar Soc.	2
198	West	Municipal Parks	Prof.Chaitanya Khambholja Udhyan (Prajapati garden), Nr.Vasna Bus-Stand	2
199	West	Municipal Parks	Vasna Telephone Exchange Garden	2
200	West	Municipal Parks	Usmanpura Garden, Nr.Usmanpura Zonal Off.	2
201	West	Municipal Parks	Maharshi Arvind Ghosh Udhyan, Kameshvar Mahadev, Ankur	2
202	West	Municipal Parks	Pragatinagar Garden, Opp.Guj.Housing Board Off.	2
203	West	Municipal Parks	Vande Matram Udhyan, Nr.Swastik School	2
204	West	Municipal Parks	Senior Citizen Park, Bhimjipura	2
205	West	Municipal Parks	Lalabhai Chaganbhai Patel Udhyan, Nr.Tiger Flats	2
206	West	Municipal Parks	Late Shyamaldas Lallubhai Patel Udhyan, Ramnagar	2
207	West	Municipal Parks	Motera Lake	2
208	North	Municipal Parks	Sant Shree Santram Das Udhyan, B/h. Urvashi Bunglow,	2
209	North	Municipal Parks	Madhav Udhyan, Nr.Payalnagar Soc.	2
210	North	Municipal Parks	Sardar Patel Udhyan, Nr.Saurashtra Soc.	2
211	North	Municipal Parks	Oxizon Park,Behind Satyam Drainage Pumping Station	2
212	North	Municipal Parks	Garden Nr. Vraj Bhumi Soc. Nr. Kubernagar ITI Under Bridge	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
213	North	Municipal Parks	Sant Shree Kanvararam Saheb Mu. Udhyan	2
214	North	Municipal Parks	Late Revabhai Parmar Garden (Manchani Masjid garden), Opp.Ambar Cinema	2
215	Central	Municipal Parks	Sumel-5, Under Chamunda Bridge, Nr. Chamanpura Cross Road	2
216	South	Municipal Parks	Behrampura Udhyan, Nr. S.T.Workshop	2
217	South	Municipal Parks	Garden Nr.Ghodasar Smruti Mandir	2
218	South	Municipal Parks	Garden Opp. Pandit Din Dayal Circle	2
219	South	Municipal Parks	Garden Opp. Pandit Din Dayal Circle	2
220	South	Municipal Parks	Late Ramniklal V Bhatt Udhyan, Gordhanwadi Tekra	2
221	South	Municipal Parks	Dr.Baba Saheb Ambedkar Udhyan, Nr.Jogni Mata Mandir, Majur Gam	2
222	South	Municipal Parks	Chandubhai Bhavsar Muni. Udhyan Nr.Best High School	2
223	South	Municipal Parks	Rashmi Shukla Udhyan, Gordhanwadi	2
224	South	Municipal Parks	Tusharbhai Deshmukh Muni. Udhyan, Opp.Sakriba Party Plot, Nr.C.T.M.Char Rasta	2
225	South	Municipal Parks	Garden Opp. Girivar Bungalows, Nr. CTM	2
226	South	Municipal Parks	Late Shambhubhai Jagabhai Udhyan	2
227	South	Municipal Parks	Laxminarayan Garden	2
228	South	Municipal Parks	Garden Nr. Partheshvar Appt. Nr. Sitabaug Soc.	2
229	New West	Municipal Parks	Sadipani Public Park, Opp. Chayaghar Chavni	2
230	New West	Municipal Parks	Chitra Public Park, Opp.Ghoyel Plaza	2
231	New West	Municipal Parks	Rohini Public Park, B/h.Jude Bungalows	2
232	New West	Municipal Parks	Ashvini Public Park, Nr.Simandhar Tower	2
233	New West	Municipal Parks	Sarvan Public Park, Nr.Shrijee dairy	2
234	New West	Municipal Parks	Panchamrut Public Park, Nr.Soham Tower	2
235	New West	Municipal Parks	Surbhi Public Park, Ghoyal Tower, Nr.Sandesh Press	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
236	New West	Municipal Parks	Swastik Public Park, Ghoyal Tower, Nr.Sandesh Press	2
237	New West	Municipal Parks	Indra Public Park, Sarkari Vasahat	2
238	New West	Municipal Parks	Bodakdev Garden	2
239	New West	Municipal Parks	Vastrapur Lake Garden, Vastrapur Gam	2
240	New West	Municipal Parks	Nova Village Lake	2
241	New West	Municipal Parks	Saptrushi Public Park, B/h.I.O.C. Petrol Pump	2
242	New West	Municipal Parks	Keval Public Park, B/h.Bhagyoday Bank	2
243	New West	Municipal Parks	Utsav Public Park, Nr.Rahul Tower	2
244	New West	Municipal Parks	Parth Public Park, Nr.Hetvi Tower	2
245	New West	Municipal Parks	Varahi Public Park, Riddhi Tower	2
246	New West	Municipal Parks	Visvamisra Public Park, B/h.Vasraj Tower	2
247	New West	Municipal Parks	Dhyan Public Park, Opp.Malav Talav	2
248	New West	Municipal Parks	Vidur Public Park, Opp.Malav Talav	2
249	New West	Municipal Parks	Kirtan Public Park, Revti Tower, Ramdev Nagar Cross Rd.	2
250	New West	Municipal Parks	Pujan Public Park, B/h.Rudra Bunglows, Nr.Ashish School	2
251	New West	Municipal Parks	Mukta Public Park, Nr.Ashvamegh Bunglows No.6	2
252	New West	Municipal Parks	Swami Public Park	2
253	New West	Municipal Parks	Amrut Public Park	2
254	New West	Municipal Parks	Prahladnagar Garden, Nr.S.G.High-way	5
255	New West	Municipal Parks	Pacha Lake	2
256	New West	Municipal Parks	Bhairavi Public Park, Visramnagar	2
257	New West	Municipal Parks	Pandav Public Park, Nr.Nand Bunglows	2
258	New West	Municipal Parks	Kautilya Public Park, Nr.Water Tank	2
259	New West	Municipal Parks	Sadhna Public Park, Nr.Nalanda School	2
260	New West	Municipal Parks	Sargam Public Park, Nr.Nalanda School	2
261	New West	Municipal Parks	Meghanand Public Park, Nr.K.K.Nagar	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
262	New West	Municipal Parks	Kalptaru Public Park, Nr.Mandir	2
263	New West	Municipal Parks	Parijat Public Park, Vasoya Park	2
264	New West	Municipal Parks	Vivekanand Public Park, Viveka Chowk	2
265	West	Municipal Parks	River front Garden (West)	15
266	West	Municipal Parks	River front Garden (East)	15
267	New West	Municipal Parks	Memnagar Lake	2
268	New West	Municipal Parks	R.C.Technical Garden (Transist Pond)	2
269	New West	Municipal Parks	Sarathi Public Park, Nr.Memnagar Lake	2
270	New West	Municipal Parks	Upasna Public Park, Opp.Shiv Temple	2
271	New West	Municipal Parks	Chandan Public Park, Nr.Umang School	2
272	New West	Municipal Parks	Palas Public Park, Nr.Lov-Kush Tower	2
273	New West	Municipal Parks	Tulshi Public Park, Nr.Surdhara Bunglows	2
274	New West	Municipal Parks	Kandarb Public Park, Nr.Jay Ambe Nagar	2
275	New West	Municipal Parks	Vaman Public Park, Gulab Tower Road	2
276	New West	Municipal Parks	Lake Garden on Sola-Science City Rd.	2
277	New West	Municipal Parks	Altiyas Garden	2
278	New West	Municipal Parks	Virat Public Park, Nr.Balolnagar	2
279	New West	Municipal Parks	Vaibhai Public Park, Nr.School	2
280	New West	Municipal Parks	Vedant Public Park, Nr.Nagar Palika Off.	2
281	New West	Municipal Parks	Vidhata Public Park, Nr.Kamdhanu Soc.	2
282	New West	Municipal Parks	Varun Public Park, Nr.Railway Track	2
283	New West	Municipal Parks	Vedant Public Park, Opp.Jivandhara Soc.	2
284	New West	Municipal Parks	Mahara Public Park, Nr.Keshav Bunglows	2
285	New West	Municipal Parks	Vasisth Public Park, Nr.Novex Soc.	2
286	New West	Municipal Parks	Marichi Public Park, Nr.Maulik Tenament	2
287	New West	Municipal Parks	Jodhpur Plot	2
288	New West	Municipal Parks	Garden Opp. Vidhyanagar School, Nr. Vraj Dham, Prerna Tirth Drasar Road	2
289	New West	Municipal Parks	Bhakti Public Park, Taranga Hill Soc.	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
290	New West	Municipal Parks	Pancham Public Park, Nr.Chandlodia bridge	2
291	New West	Municipal Parks	Chandlodia Public Park-IV, Nr.Chandlodia Nagar Palika	2
292	New West	Municipal Parks	Chandlodia Public Park-I, Nr.Chandlodia Nagar Palika	2
293	New West	Municipal Parks	Sarkhej Roja Garden, Nr.Roja Lake	10
294	New West	Municipal Parks	Lake Garden Nr.Dev City	2
295	New West	Municipal Parks	Garden Nr. SIMS Hospital, Scince City Road	2
296	South	Municipal Parks	Kamla Nehru Udhyan, Uttamnagar	2
297	East	Bus Depot (GSRTC)	Bapunagar	5
298	South	Bus Depot (GSRTC)	Chandola	5
299	South	Bus Depot (GSRTC)	Bareja	5
300	Central	Bus Depot (GSRTC)	Geeta Mandir GSRTC Bus Depots	50
301	West	Bus Depot (GSRTC)	Ranip GSRTC Bus Depots	10
302	North	Bus Depot (GSRTC)	Krishnanagar GSRTC Bus Depots	10
303	South	Bus Depot (GSRTC)	Maninagar GSRTC Bus Depots	10
304	West	Bus Depot (GSRTC)	Paldi GSRTC Bus Depots	10
305	West	Bus Depot (GSRTC)	Nehru Nagar GSRTC Bus Depots	10
306	Central	Railway Station	Kalupur Railway station	20
307	West	Railway Station	Sabarmati Railway station	15
308	South	Railway Station	Maninagar Railway station	15
309	Central	Railway Station	Ahmedabad Junction, Laxmi Bazar, Khadia, Ahmedabad, Gujarat 380002	20
310	North	Sensors-Water:WDS	Bhilvas (Old)	10
311	New West	Sensors-Water:WDS	Vaishnodevi MBR	10
312	South	Sensors-Water:WDS	Moni Hotel	10
313	New West	Sensors-Water:WDS	Nava Vanzar	10
314	South	Sensors-Water:WDS	Vatva-EWS	10
315	South	Sensors-Water:WDS	Lambha-Indira Nagar_V-2	10
316	South	Sensors-Water:WDS	Lambha-Gamtal	10
317	North	Sensors-Water:WDS	Shrenam Resi.	10
318	South	Sensors-Water:WDS	Sohang Hills	10
319	South	Sensors-Water:WDS	Danilimda-Jalghar	10
320	East	Sensors-Water:WDS	Vivekanand Nagar	10
321	East	Sensors-Water:WDS	Hattijan	10





S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
322	East	Sensors-Water:WDS	Vinoba Bhawe Nagar	10
323	East	Sensors-Water:WDS	Vinzol	10
324	East	Sensors-Water:WDS	Ramol-Sattalvdi	10
325	East	Sensors-Water:WDS	Odhav-FB-81	10
326	East	Sensors-Water:WDS	Odhav-Jogeshwar	10
327	East	Sensors-Water:WDS	Odhav-Panchayat	10
328	North	Sensors-Water:WDS	New Potaliya	10
329	New West	Sensors-Water:WDS	Mahatma Gandhi	10
330	New West	Sensors-Water:WDS	Science City	30
331	New West	Sensors-Water:WDS	Bhadaj	10
332	New West	Sensors-Water:WDS	Shilaj	10
333	New West	Sensors-Water:WDS	Bodakdev Torrent	10
334	New West	Sensors-Water:WDS	Mamtpura	10
335	West	Sensors-Water:WDS	Narmanpura	10
336	New West	Sensors-Water:WDS	Fatehwadi	10
337	New West	Sensors-Water:WDS	Royal	10
338	New West	Sensors-Water:WDS	Muskan Garden	10
339	New West	Sensors-Water:WDS	TP. 204	10
340	South	Sensors-Water:WDS	J.Gaonthan	10
341	New West	Sensors-Water:WDS	Satellite	10
342	New West	Sensors-Water:WDS	Sayona City	10
343	New West	Sensors-Water:WDS	Gajraj	10
344	New West	Sensors-Water:WDS	Vande Mataram	10
345	West	Sensors-Water:WDS	BAPS	10
346	West	Sensors-Water:WDS	Akash	10
347	New West	Sensors-Water:WDS	Jagatpura	10
348	West	Sensors-Water:WDS	AMC (Sadar Patel)	10
349	North	Sensors-Water:WDS	Kalapi Nahar	10
350	Central	Sensors-Water:WDS	Civil	10
351	Central	Sensors-Water:WDS	MES	10
352	Central	Sensors-Water:WDS	Barfiwala Bhavan (Shahpur)	10
353	North	Sensors-Water:WDS	Noble Nagar	10
354	North	Sensors-Water:WDS	Naroda Memco	10
355	East	Sensors-Water:WDS	Odhav-2 (Fire)	10
356	East	Sensors-Water:WDS	Odhav-Varigruh	10
357	East	Sensors-Water:WDS	Odhav-1 (Ambika)	10



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
358	East	Sensors-Water:WDS	Muktidham	10
359	East	Sensors-Water:WDS	Nikol-Krishna Park	10
360	North	Sensors-Water:WDS	Bapunagar-Anand Flat	10
361	North	Sensors-Water:WDS	Bapu Nagar	10
362	North	Sensors-Water:WDS	Thakarappa Nagar	10
363	East	Sensors-Water:WDS	Nikol-102	10
364	East	Sensors-Water:WDS	Nikol-101	10
365	North	Sensors-Water:WDS	Naroda TP-2	10
366	North	Sensors-Water:WDS	Naroda Jalpa	10
367	North	Sensors-Water:WDS	Hanspura	10
368	West	Sensors-Water:WDS	Vyaswadi	10
369	North	Sensors-Water:WDS	Naroda Gam	10
370	North	Sensors-Water:WDS	Saijpur Old	10
371	North	Sensors-Water:WDS	Krisna Nagar	10
372	East	Sensors-Water:WDS	Nikol Lilanagar	10
373	North	Sensors-Water:WDS	Asarva Housing	10
374	North	Sensors-Water:WDS	Sonariya	10
375	North	Sensors-Water:WDS	Potliya	10
376	North	Sensors-Water:WDS	Naroda-TP 12	10
377	North	Sensors-Water:WDS	Naroda Fire	10
378	North	Sensors-Water:WDS	Meghaninagar	10
379	North	Sensors-Water:WDS	Gurukrupa Nagar	10
380	North	Sensors-Water:WDS	Saijpur New	10
381	North	Sensors-Water:WDS	Bangla Area	10
382	North	Sensors-Water:WDS	C-Ward	10
383	North	Sensors-Water:WDS	G-Ward	10
384	Central	Sensors-Water:WDS	Batata Mill Dariapur	10
385	Central	Sensors-Water:WDS	Krishna Cinema (Relief Road)	10
386	Central	Sensors-Water:WDS	Jaganath	10
387	Central	Sensors-Water:WDS	Madhubag	10
388	Central	Sensors-Water:WDS	Aastodia	10
389	Central	Sensors-Water:WDS	Prem Darwaja	10
390	Central	Sensors-Water:WDS	Lal Darwaja	10
391	Central	Sensors-Water:WDS	Ranchhodpura	10
392	Central	Sensors-Water:WDS	Shahibag	10
393	South	Sensors-Water:WDS	Saptrushi	10



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
394	South	Sensors-Water:WDS	Kankria Football Ground	10
395	South	Sensors-Water:WDS	Jashoda Nagar	10
396	South	Sensors-Water:WDS	Rajeshwari	10
397	South	Sensors-Water:WDS	Prakash Nagar	10
398	South	Sensors-Water:WDS	Ram Rahim Tekra	10
399	South	Sensors-Water:WDS	New Suburban	10
400	South	Sensors-Water:WDS	Dhor Bazar	10
401	South	Sensors-Water:WDS	Meera Pragati	10
402	South	Sensors-Water:WDS	Pilot Dairy	10
403	Central	Sensors-Water:WDS	Kantodia Vas	10
404	North	Sensors-Water:WDS	Saraspur S.C.L. Housing	10
405	North	Sensors-Water:WDS	Chamanpura	10
406	North	Sensors-Water:WDS	Asarva Village	10
407	West	Sensors-Water:WDS	Panchasheel	10
408	West	Sensors-Water:WDS	Vasana Shahvadi	10
409	West	Sensors-Water:WDS	Keshavnagar	10
410	West	Sensors-Water:WDS	Dharamnagar	10
411	West	Sensors-Water:WDS	Navarangpura	10
412	West	Sensors-Water:WDS	Sharda	10
413	West	Sensors-Water:WDS	Azad Society	10
414	West	Sensors-Water:WDS	Nagari	10
415	West	Sensors-Water:WDS	Ellisbridge	10
416	West	Sensors-Water:WDS	Fatehpura	10
417	West	Sensors-Water:WDS	Sahidvan	10
418	West	Sensors-Water:WDS	Jawahar Nagar	10
419	West	Sensors-Water:WDS	Niyojan Nagar	10
420	New West	Sensors-Water:WDS	Mem Nagar	10
421	West	Sensors-Water:WDS	S.P. Stadium	10
422	New West	Sensors-Water:WDS	Sola Road	10
423	West	Sensors-Water:WDS	Ankur	10
424	West	Sensors-Water:WDS	Pragati Nagar	10
425	West	Sensors-Water:WDS	Usmanpura	10
426	West	Sensors-Water:WDS	Nava Vadaj	10
427	West	Sensors-Water:WDS	Sreenath	10
428	West	Sensors-Water:WDS	Harijanashram	10
429	West	Sensors-Water:WDS	Gitabaug	10



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
430	West	Sensors-Water:WDS	Gulbaitekra	10
431	East	Sensors-Water:WDS	Odhav-Arbuda Nagar	10
432	East	Sensors-Water:WDS	Kasiba Nagar	10
433	East	Sensors-Water:WDS	Bhaipura-Jogeshwari	10
434	South	Sensors-Water:WDS	Isanpur-Gulkomasol	10
435	South	Sensors-Water:WDS	Narol TCIDS	10
436	South	Sensors-Water:WDS	Vatva Rly Crossing	10
437	South	Sensors-Water:WDS	Bag-E-firdos-CTM	10
438	East	Sensors-Water:WDS	Bag-E-Firdos (Vastral)	10
439	South	Sensors-Water:WDS	Narol-Gam	10
440	South	Sensors-Water:WDS	Shahvadi	10
441	South	Sensors-Water:WDS	Vatva Gam	10
442	South	Sensors-Water:WDS	Vatva Nigam	10
443	South	Sensors-Water:WDS	Smurti Mandir	10
444	South	Sensors-Water:WDS	Ghodaser	10
445	North	Sensors-Water:WDS	Sardar Nagar (Hansol)	10
446	North	Sensors-Water:WDS	Bhilvas New	10
447	East	Sensors-Water:WDS	Gomtipur-Rajpur	10
448	East	Sensors-Water:WDS	Daxini Society	10
449	East	Sensors-Water:WDS	Gomtipur-Drainage	10
450	East	Sensors-Water:WDS	Khokhra	10
451	East	Sensors-Water:WDS	Silver Cotton Mill	10
452	East	Sensors-Water:WDS	Sukhram Nagar	10
453	East	Sensors-Water:WDS	TP.10	10
454	East	Sensors-Water:WDS	Gomtipur-Hathikhai	10
455	East	Sensors-Water:WDS	Rakhiyal Housing	10
456	East	Sensors-Water:WDS	Laxmi Narayan	10
457	East	Sensors-Water:WDS	Subhash Market	10
458	East	Sensors-Water:WDS	Satyam Nagar	10
459	East	Sensors-Water:WDS	Rakhiyal Village	10
460	West	Sensors-Water:WDS	Chand-GHB	10
461	West	Sensors-Water:WDS	Sailganga	10
462	West	Sensors-Water:WDS	Chand-Sreenath	10
463	West	Sensors-Water:WDS	Chand-Motera	10
464	New West	Sensors-Water:WDS	Vejalpur-Devas	10
465	New West	Sensors-Water:WDS	Vejalpur-Sharddha	10



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
466	New West	Sensors-Water:WDS	Jodhpur-Pramukh	10
467	New West	Sensors-Water:WDS	Vejalpur-Suryanagar	10
468	New West	Sensors-Water:WDS	Ambli-ADB	10
469	New West	Sensors-Water:WDS	Jhodhpur-ADB	10
470	New West	Sensors-Water:WDS	Bodakdev ADB	10
471	New West	Sensors-Water:WDS	Thaltej ADB	10
472	New West	Sensors-Water:WDS	Sola ADB	10
473	New West	Sensors-Water:WDS	Ghatlodiya-Jantanagar	10
474	New West	Sensors-Water:WDS	Gota Bandhan (Sola_Fb-91)	10
475	New West	Sensors-Water:WDS	Sarkhej-Khumbharvas	10
476	New West	Sensors-Water:WDS	Sanklit Nagar	10
477	New West	Sensors-Water:WDS	Vejalpur-Baldevnagar	10
478	New West	Sensors-Water:WDS	Vejalpur-Shaivali	10
479	New West	Sensors-Water:WDS	Vejalpur-Salpara	10
480	New West	Sensors-Water:WDS	Vejalpur-Gamtal	10
481	New West	Sensors-Water:WDS	Vejalpur-Sarabhai	10
482	New West	Sensors-Water:WDS	Vejalpur-Prahaladnagar	10
483	New West	Sensors-Water:WDS	Anandnagar	10
484	New West	Sensors-Water:WDS	Jhodhpur-Gokulwas	10
485	New West	Sensors-Water:WDS	Vastrapur (Payal)	10
486	New West	Sensors-Water:WDS	Bodakdev Zonal Office	10
487	New West	Sensors-Water:WDS	Bodakdev Trilok	10
488	West	Sensors-Water:WDS	Memnagar	10
489	New West	Sensors-Water:WDS	Sola LT (Chanakyapuri)	10
490	New West	Sensors-Water:WDS	Thaltej Nilkanth Mahadev	10
491	New West	Sensors-Water:WDS	Ghatlodiya-Sattadhar	10
492	New West	Sensors-Water:WDS	Ghatlodia-Gamtal	10
493	New West	Sensors-Water:WDS	Ghatlodiya-Vidhata	10
494	New West	Sensors-Water:WDS	Gota KCT	10
495	New West	Sensors-Water:WDS	Kali Gamtal	10
496	New West	Sensors-Water:WDS	Nirnaynagar-Chandlodia	10
497	West	Sensors-Water:WDS	New Ranip-Balolnagar	10
498	New West	Sensors-Water:WDS	Kali-Santosh Nagar	10
499	New West	Sensors-Water:WDS	Kali-Bhut Bangla	10
500	East	Sensors-Water:Pumping Station	Gomtipur DR Pumping Station	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
501	Central	Sensors-Water:Pumping Station	Shaiking Tower DR.Pumping Station	2
502	East	Sensors-Water:Pumping Station	Rakhial Drainage Pumping Staion	2
503	South	Sensors-Water:Pumping Station	Bag E Firdos Drainage Pumping Station	2
504	East	Sensors-Water:Pumping Station	Nikol Drainage Pumping Station	2
505	East	Sensors-Water:Pumping Station	Odhav_B Drainage Pumping Station	2
506	East	Sensors-Water:Pumping Station	Odhav-E Drainage Pumping Station	2
507	East	Sensors-Water:Pumping Station	Odhav-A Drainage Pumping Station	2
508	North	Sensors-Water:Pumping Station	Naroda Muthiya Sewage Pumping Station	2
509	North	Sensors-Water:Pumping Station	Naroda GIDC Sewage Pumping Station	2
510	North	Sensors-Water:Pumping Station	Naroda Gayatri Sewage Pumping Station	2
511	North	Sensors-Water:Pumping Station	Naroda Satyam Sewage Pumping Station	2
512	North	Sensors-Water:Pumping Station	Saijpur Sewage Pumping Station	2
513	West	Sensors-Water:Pumping Station	Meghaninagar Sewage Pumping Station	2
514	Central	Sensors-Water:Pumping Station	Chamanpura Sewage Pumping Station	2
515	North	Sensors-Water:Pumping Station	Kubernagar G ward Sewage Pumping Station	2
516	North	Sensors-Water:Pumping Station	Kubernagar Maya Cenema Sewage Pumping Station	2
517	North	Sensors-Water:Pumping Station	Sardar Nagar Sewage Pumping Station	2
518	West	Sensors-Water:Pumping Station	Ambavadi (Bhadreshwar) Sewage Pumping Station	2
519	North	Sensors-Water:Pumping Station	Chiloda Sewage Pumping Station	2
520	East	Sensors-Water:Pumping Station	East Zone	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
521	East	Sensors-Water:Pumping Station	Odhav(new ) Sewage Pumping Station	2
522	East	Sensors-Water:Pumping Station	Odhav Ambikanagar Sewage Pumping Station	2
523	East	Sensors-Water:Pumping Station	Odhav Rabarivasahat Sewage Pumping Station	2
524	East	Sensors-Water:Pumping Station	Odhav Chhotalal Sewage Pumping Station	2
525	East	Sensors-Water:Pumping Station	Arbudanagar Sewage Pumping Station	2
526	East	Sensors-Water:Pumping Station	Amraivadi Sewage Pumping Station	2
527	North	Sensors-Water:Pumping Station	Rakhiyal Sewage Pumping Station	2
528	East	Sensors-Water:Pumping Station	Gomtipur Sewage Pumping Station	2
529	East	Sensors-Water:Pumping Station	Hathijan Sewage Pumping Station	2
530	East	Sensors-Water:Pumping Station	Viratnagar Sewage Pumping Station	2
531	East	Sensors-Water:Pumping Station	Nikol(New) Jivanvadi Sewage Pumping Station	2
532	South	Sensors-Water:Pumping Station	South Zone	2
533	South	Sensors-Water:Pumping Station	Bagefirdosh Sewage Pumping Station	2
534	South	Sensors-Water:Pumping Station	Indrapuri Sewage Pumping Station(New)	2
535	South	Sensors-Water:Pumping Station	Vatva Nigam Sewage Pumping Station	2
536	South	Sensors-Water:Pumping Station	Vatva Navana Sewage Pumping Station	2
537	South	Sensors-Water:Pumping Station	Isanpur (1)Mony Hotel Sewage Pumping Station	2
538	South	Sensors-Water:Pumping Station	Isanpur (2)Sewage Pumping Station	2
539	South	Sensors-Water:Pumping Station	Maninagar Sewage Pumping Station	2
540	South	Sensors-Water:Pumping Station	Baherampura Sewage Pumping Station	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
541	South	Sensors-Water:Pumping Station	New Suburban Sewage Pumping Station	2
542	South	Sensors-Water:Pumping Station	Narol Shahvadi Suburban Sewage Pumping Station	2
543	South	Sensors-Water:Pumping Station	Danilimda Sewage Pumping Station	2
544	Central	Sensors-Water:Pumping Station	Central Zone	2
545	Central	Sensors-Water:Pumping Station	Jamalpur Sewage Pumping Station	2
546	Central	Sensors-Water:Pumping Station	Dariyapur Sewage Pumping Station	2
547	Central	Sensors-Water:Pumping Station	Girdharnagar Sewage Pumping Station	2
548	Central	Sensors-Water:Pumping Station	Shahpur Sewage Pumping Station	2
549	Central	Sensors-Water:Pumping Station	Shahibag Sewage Pumping Station	2
550	West	Sensors-Water:Pumping Station	West Zone	2
551	West	Sensors-Water:Pumping Station	Keshavnagar Sewage Pumping Station	2
552	West	Sensors-Water:Pumping Station	Shantivan Sewage Pumping Station, Paldi	2
553	West	Sensors-Water:Pumping Station	Sharda Sewage Pumping Station, Paldi	2
554	West	Sensors-Water:Pumping Station	Terminal Pumping	2
555	West	Sensors-Water:Pumping Station	Vasana Terminal Sewage Pumping Station(for 78 MLD STP)	2
556	West	Sensors-Water:Pumping Station	Vasana Terminal Sewage Pumping Station(for 126 MLD STP)	2
557	West	Sensors-Water:Pumping Station	Pirana Terminal Sewage Pumping Station (For 181 MLD Lagun STP)	2
558	West	Sensors-Water:Pumping Station	Pirana Terminal Sewage Pumping Station (For 180 MLD ASB STP)	2
559	South	Sensors-Water:Pumping Station	Vinzol Terminal Sewage Pumping Station (For 70 MLD STP)	2





S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
560	West	Sensors-Water:Pumping Station	Vasana Terminal Sewage Pumping Station (For 240 MLD STP)	2
561	West	Sensors-Water:Pumping Station	Pirana Terminal Sewage Pumping Station (For GIDC)	2
562	West	Junctions/Cross Roads	Usmanpura Junction	55
563	West	Junctions/Cross Roads	Income Tax Junction	60
564	West	Junctions/Cross Roads	Mount Carmel Junction	50
565	West	Junctions/Cross Roads	Delight cross road Junction	50
566	West	Junctions/Cross Roads	Nehru Bridge Junction	60
567	West	Junctions/Cross Roads	Town Hall Junction	50
568	West	Junctions/Cross Roads	Paldi Junction	55
569	West	Junctions/Cross Roads	Mahalakshmi Cross Road Junction	50
570	West	Junctions/Cross Roads	Panchshil Cross Road Junction	50
571	West	Junctions/Cross Roads	Vasna Junction	55
572	West	Junctions/Cross Roads	Vishala Junction	50
573	West	Junctions/Cross Roads	Stadium Junction	55
574	West	Junctions/Cross Roads	Swastik Cross Road Junction	60
575	West	Junctions/Cross Roads	Girish Colddrinks Junction	50
576	West	Junctions/Cross Roads	Body Line Cross Road Junction	55
577	West	Junctions/Cross Roads	Panchwati Junction	55
578	West	Junctions/Cross Roads	Pari Cross Road Junction	50
579	New West	Junctions/Cross Roads	Valinath Chowk Junction	50
580	South	Junctions/Cross Roads	Little Star Junction	50
581	South	Junctions/Cross Roads	Narol Junction	55
582	Central	Junctions/Cross Roads	Sarkari litho Press Junction	50
583	Central	Junctions/Cross Roads	Vithalanagar Junction	50
584	Central	Junctions/Cross Roads	FSL Junction	50
585	New West	Junctions/Cross Roads	Ratnasagar Junction	50
586	Central	Junctions/Cross Roads	Rameshwar Junction	50
587	North	Junctions/Cross Roads	Bapunagar cross road Junction	50
588	East	Junctions/Cross Roads	Garibanagar Junction	50
589	East	Junctions/Cross Roads	Nagar well hanuman Junction	50
590	West	Junctions/Cross Roads	Svastik char rasta Junction	50
591	Central	Junctions/Cross Roads	Dafnala Junction	55
592	Central	Junctions/Cross Roads	Canton Mant Junction	50
593	North	Junctions/Cross Roads	Hansol, lavdi Junction	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
594	North	Junctions/Cross Roads	Inira Circle Junction	50
595	West	Junctions/Cross Roads	IOC Junction	50
596	West	Junctions/Cross Roads	Shyamal Cross road Junction	55
597	New West	Junctions/Cross Roads	Jivaraj Park cross road Junction	5
598	Central	Junctions/Cross Roads	APMC Junction	55
599	New West	Junctions/Cross Roads	Sachin Tower Junction	50
600	New West	Junctions/Cross Roads	Rahul Tower Junction	50
601	New West	Junctions/Cross Roads	Prahalanagara T. Points Junction	50
602	New West	Junctions/Cross Roads	Pakwan Junction Junction	60
603	New West	Junctions/Cross Roads	Hebpur Cross road Junction	50
604	New West	Junctions/Cross Roads	Kargil Cross road Junction	55
605	New West	Junctions/Cross Roads	Mansi Cross Road Junction	50
606	New West	Junctions/Cross Roads	Judges Bunglow cross road Junction	55
607	New West	Junctions/Cross Roads	Gurukul Junction	55
608	New West	Junctions/Cross Roads	Himalaya Mall Junction	50
609	New West	Junctions/Cross Roads	Sal Hospital Junction	55
610	West	Junctions/Cross Roads	Sardar Patel statue Junction	50
611	West	Junctions/Cross Roads	Vijay Cross road Junction	60
612	West	Junctions/Cross Roads	Indra residency Junction	50
613	New West	Junctions/Cross Roads	Chirag auto/ Kargil Cross road Junction	50
614	West	Junctions/Cross Roads	C N Vidhalaya/ Excise Chowki Junction	50
615	West	Junctions/Cross Roads	Ambawadi Junction	50
616	West	Junctions/Cross Roads	NID Junction	50
617	West	Junctions/Cross Roads	Commerce cross road/ AG Chowki Junction	55
618	West	Junctions/Cross Roads	Bhimjipura Junction	50
619	West	Junctions/Cross Roads	Law Garden Junction	60
620	New West	Junctions/Cross Roads	Science City Junction	60
621	Central	Junctions/Cross Roads	Shahpur Junction	50
622	Central	Junctions/Cross Roads	CP Office Shahibag Junction	55
623	Central	Junctions/Cross Roads	Rupali Junction	50
624	Central	Junctions/Cross Roads	Vijli Ghar Junction	50
625	Central	Junctions/Cross Roads	Relief Cinema Junction	55
626	New West	Junctions/Cross Roads	Suradhara cross road Junction	50
627	New West	Junctions/Cross Roads	NFD Cross Road Junction	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
628	South	Junctions/Cross Roads	Kankariya -3 Junction	50
629	South	Junctions/Cross Roads	Hirabhai Tower Junction	55
630	South	Junctions/Cross Roads	Jayamala Junction	50
631	West	Junctions/Cross Roads	Navrangpura Cross road Junction	50
632	Central	Junctions/Cross Roads	Girdhar nagar Junction	50
633	Central	Junctions/Cross Roads	Badiya Limbdi Junction	50
634	Central	Junctions/Cross Roads	Kalupur railway station Junction	55
635	North	Junctions/Cross Roads	Suvidha Park Junction	50
636	Central	Junctions/Cross Roads	Ghee kanta Junction	55
637	West	Camera: CSITMS	Akhbarnagar Cross Road	10
638	West	Camera: CSITMS	IIM Cross Road	10
639	New West	Camera: CSITMS	Helmet Cross Road	10
640	West	Camera: CSITMS	AEC Cross Road	10
641	West	Camera: CSITMS	Vishala T	10
642	West	Camera: CSITMS	Anjali Cross Roads	10
643	West	Camera: CSITMS	Paldi Circle - Paldi	10
644	West	Camera: CSITMS	Old Wadaj Circle	10
645	West	Camera: CSITMS	RTO Circle	10
646	West	Camera: CSITMS	Janpath T	10
647	Central	Camera: CSITMS	Khamasa Circle - Khamasa	10
648	Central	Camera: CSITMS	Raipur Cross Road	10
649	Central	Camera: CSITMS	Sarangpur Circle	10
650	Central	Camera: CSITMS	Delhi Darwaja	10
651	South	Camera: CSITMS	CTM	10
652	East	Camera: CSITMS	Soni ni Chali Cross Road	10
653	North	Camera: CSITMS	Naroda Patiya	10
654	West	Camera: CSITMS	Nehrunagar Circle	10
655	West	Camera: CSITMS	Vijay cross roads	10
656	New West	Camera: CSITMS	Thaltej Circle	10
657	New West	Camera: CSITMS	Pakwan Cross Road	10
658	New West	Camera: CSITMS	Iscon Cross Road	10
659	South	Camera: CSITMS	Apsara cinema circle	10
660	Central	Camera: CSITMS	ST Circle	10
661	New West	Camera: CSITMS	Mansi cross roads	10
662	North	Camera: CSITMS	Rakhiyal cross roads	10
663	Central	Camera: CSITMS	Jamalpur circle	10



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
664	South	Camera: CSITMS	Danilimda cross roads	10
665	New West	Camera: CSITMS	Juhapura Cross roads	10
666	West	Camera: CSITMS	Visat teen Rasta	10
667	West	Camera: CSITMS	Chiman bhai Bridge	10
668	South	Camera: CSITMS	Jashodanagar Char Rasta	10
669	South	Camera: CSITMS	Khokhara Circle	10
670	South	Camera: CSITMS	Pushpakunj Circle , Maninagar	10
671	Central	Camera: CSITMS	Civil Hospital, Shahibaug	10
672	New West	Camera: CSITMS	Navi High Court	10
673	Central	Camera: CSITMS	Chokha Bazar, Kalupur Circle	10
674	Central	Camera: CSITMS	Ghee Kanta Court, Mirzapur	10
675	New West	Camera: CSITMS	Shivranjani Circle	10
676	West	Camera: CSITMS	Shyamal Char Rasta	10
677	West	Camera: CSITMS	Income Tax (No Tolerance)	10
678	South	Camera: CSITMS	Jawahar chowk	10
679	North	Camera: CSITMS	Airport T	10
680	Central	Camera: CSITMS	Shahibaug under Bridge T	10
681	Central	Camera: CSITMS	Vijlighar	10
682	East	Camera: CSITMS	Hatkeshwar Circle	10
683	North	Camera: CSITMS	Memco Circle	10
684	New West	Camera: CSITMS	Vastrapur Talav	10
685	Central	Camera: CSITMS	Circuit House Annex	10
686	Central	Camera: CSITMS	Shahpur Rangila	10
687	Central	Camera: CSITMS	Tambu Chowkey	10
688	Central	Camera: CSITMS	Geeta mandir ST Stand	10
689	West	Camera: CSITMS	Jhundal Circle	10
690	West	Camera: CSITMS	Tapovan Circle	10
691	North	Camera: CSITMS	Mother Dairy Circle	10
692	North	Camera: CSITMS	Ruby T	10
693	North	Camera: CSITMS	Dehgam Circle	10
694	North	Camera: CSITMS	Dastan Circle	10
695	East	Camera: CSITMS	Nikol Chokdi	10
696	East	Camera: CSITMS	Vastral Chokdi	10
697	East	Camera: CSITMS	National Highway 1 Toll	10
698	East	Camera: CSITMS	Vinjol	10
699	South	Camera: CSITMS	Aslali Circle	10



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
700	South	Camera: CSITMS	Kamod Circle	10
701	New West	Camera: CSITMS	Bakrol	10
702	New West	Camera: CSITMS	Hajrat Sher Ali Dargah	10
703	New West	Camera: CSITMS	Sanathal Circle	10
704	New West	Camera: CSITMS	Ujala Circle	10
705	New West	Camera: CSITMS	Sanand Circle	10
706	New West	Camera: CSITMS	Sanand T towards Sarkhej	10
707	New West	Camera: CSITMS	Karnavati T	10
708	New West	Camera: CSITMS	Between Shilaj & Bopal	10
709	New West	Camera: CSITMS	Bopal Circle	10
710	New West	Camera: CSITMS	Shilaj Circle	10
711	New West	Camera: CSITMS	Science City Circle	10
712	New West	Camera: CSITMS	Ognaj Circle	10
713	New West	Camera: CSITMS	Vaishnodevi Circle	10
714	New West	Camera- Police Surveillance	LAD Society Cross Road (Vastrapur Police Station Area)	10
715	New West	Camera- Police Surveillance	Below Sola Over Bridge	10
716	Central	Camera- Police Surveillance	JillaPanchayat Cross Road, KaranjBhavan	10
717	West	Camera- Police Surveillance	Balol Nagar Cross Road	10
718	North	Camera- Police Surveillance	Amdupura Vora na Roza	10
719	Central	Camera- Police Surveillance	Kalupur Railway Station Entry-Exit Gate	15
720	Central	Camera- Police Surveillance	Bhootni Ambli Bus Stand	5
721	Central	Camera- Police Surveillance	ShahibaugDafnala Cross Road	35
722	North	Camera- Police Surveillance	Indira Bridge Circle	20
723	East	Camera- Police Surveillance	Panjra pol Cross Road, Ramol	10
724	North	Camera- Police Surveillance	Kathwada Gam Teen Rasta	10
725	South	Camera- Police Surveillance	Avkar Hall Cross Road	15



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
726	South	Camera- Police Surveillance	PiranaTolnaka, SomanathMahadev Road	5
727	West	Camera- Police Surveillance	Mahalaxmi Five Rasta	10
728	West	Camera- Police Surveillance	KalyanJwellers Teen Rasta	10
729	West	Camera- Police Surveillance	Jeevrajpark Char Rasta (Shyamal Cross Road)	35
730	New West	Camera- Police Surveillance	NFD Circle (Vastrapur Police station area)	35
731	West	Camera- Police Surveillance	Navrang Circle	20
732	West	Camera- Police Surveillance	Nirnaynagar Garnala	10
733	Central	Camera- Police Surveillance	J P Chowk	10
734	New West	Camera- Police Surveillance	Jagatpur Tran Rasta	10
735	North	Camera- Police Surveillance	Memko cross Road	25
736	East	Camera- Police Surveillance	Nikol, SP Ring Cross Road	10
737	South	Camera- Police Surveillance	Vinzol Railway crossing	5
738	South	Camera- Police Surveillance	Parikshitlal Nagar	10
739	South	Camera- Police Surveillance	Jhagadiya bridge Tran rasta	10
740	New West	Camera- Police Surveillance	YMCA Club S G Highway	40
741	West	Camera- Police Surveillance	Exise Chowky Tran rasta	10
742	East	Camera- Police Surveillance	Nirant Circle	10
743	South	Camera- Police Surveillance	Narol Circle	25
744	South	Tourist Spot	Kankaria Lake	20
745	West	Tourist Spot	Gandhi Ashram	15
746	New West	Junctions/Cross Roads	Umiya Hall Teen rasta	50
747	New West	Junctions/Cross Roads	Silver Star Cross Road	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
748	New West	Junctions/Cross Roads	Subhash Chowk Cross Road	50
749	West	Junctions/Cross Roads	Lodge Cross Road	50
750	New West	Junctions/Cross Roads	Gurudwara Teen Rasta	50
751	New West	Junctions/Cross Roads	Surdhara Teen Rasta	50
752	New West	Junctions/Cross Roads	Himalaya Mall Teen Rasta	50
753	North	Junctions/Cross Roads	Bhagav Cross Road	50
754	New West	Junctions/Cross Roads	Chanakyapuri Bridge	50
755	New West	Junctions/Cross Roads	Gota Bridge Neeche Char rasta	50
756	New West	Junctions/Cross Roads	Sims Hospital Cross Road (Science City Road)	50
757	West	Junctions/Cross Roads	Naranpura Gaon Teen Rasta (Mata Mandir ke pas)	50
758	West	Junctions/Cross Roads	Parasnagar Teen Rasta	50
759	New West	Junctions/Cross Roads	Teen Rasta over Chandlodiya Bridge	50
760	New West	Junctions/Cross Roads	Sindhuhawan Cross Road Near Jhampadi Mata Mandir	50
761	North	Junctions/Cross Roads	Raghnath Party Plot. Bajrang Supermarket Cross Road	50
762	West	Junctions/Cross Roads	Mithakali Six roads	50
763	West	Junctions/Cross Roads	Navrangpura railway crossing cross road	50
764	West	Junctions/Cross Roads	Saurabh Cross Road	50
765	West	Junctions/Cross Roads	Navrangpura Cross Road	50
766	West	Junctions/Cross Roads	Vijayanagar Cross Road	50
767	West	Junctions/Cross Roads	Ankur Cross Road	50
768	South	Junctions/Cross Roads	Amikunj Cross Road	50
769	West	Junctions/Cross Roads	Lakhudi Lavadi	50
770	West	Junctions/Cross Roads	Havmore Cross Road	50
771	West	Junctions/Cross Roads	Memnagar Fire station	50
772	West	Junctions/Cross Roads	Gulbai Tekra Badiyadev Mandir cross road	50
773	Central	Junctions/Cross Roads	Rentiyavadi Shahpur	50
774	Central	Junctions/Cross Roads	St. Xavier's School, Mirzapur	50
775	Central	Junctions/Cross Roads	Cama Hotel near Khanpur	50
776	Central	Junctions/Cross Roads	Khanpur darvaja	50
777	Central	Junctions/Cross Roads	Old High Court	50
778	Central	Junctions/Cross Roads	Prem Darvaja	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
779	Central	Junctions/Cross Roads	Relief Road, Kalupur police station	50
780	North	Junctions/Cross Roads	Nirmalpur Cross Road near chamunda bridge	50
781	North	Junctions/Cross Roads	Potaliya Cross Road	50
782	North	Junctions/Cross Roads	Vora na rosa pase	50
783	North	Junctions/Cross Roads	Hirawadi cross road	50
784	Central	Junctions/Cross Roads	Khamasa Chakla Cross Road	50
785	Central	Junctions/Cross Roads	Jamalpur ST Depo, Cross road opposite BSNL Office	50
786	East	Junctions/Cross Roads	Untwadi Chali ST Stand Road near Water tank	50
787	Central	Junctions/Cross Roads	FSL Cross Road	50
788	Central	Junctions/Cross Roads	Civil Chawki Teen rasta	50
789	North	Junctions/Cross Roads	Asarwa Chakla	50
790	North	Junctions/Cross Roads	Chamanpur Chakla	50
791	North	Junctions/Cross Roads	Mohan Cinema Cross Road	50
792	Central	Junctions/Cross Roads	Gevar Circle	50
793	Central	Junctions/Cross Roads	Shahibaug Chowki	50
794	Central	Junctions/Cross Roads	Raksha Shakti Circle	50
795	Central	Junctions/Cross Roads	ACB Cut	50
796	South	Junctions/Cross Roads	Neel Telecom T	50
797	North	Junctions/Cross Roads	CSD Depo T	50
798	South	Junctions/Cross Roads	Anmol Tower Cut	50
799	Central	Junctions/Cross Roads	Rajashana Hospital	50
800	Central	Junctions/Cross Roads	Civil Corner teen rasta	50
801	Central	Junctions/Cross Roads	BJ Medical College T	50
802	North	Junctions/Cross Roads	Naroda Gam Circle	50
803	North	Junctions/Cross Roads	Naroda Bethak	50
804	North	Junctions/Cross Roads	Galaxy Cross Road	50
805	North	Junctions/Cross Roads	Nana Chiloda Gam Cross road	50
806	North	Junctions/Cross Roads	Kotarpur Waterworks teen rasta	50
807	North	Junctions/Cross Roads	Airport Circle	50
808	North	Junctions/Cross Roads	Airport Colony	50
809	North	Junctions/Cross Roads	Bajrang Ashram Teen rasta	50
810	North	Junctions/Cross Roads	Hirawadi Teen rasta	50
811	New West	Junctions/Cross Roads	Mukti Dham Teen Rasta	50
812	North	Junctions/Cross Roads	Hari darshan teen rasta	50





S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
813	North	Junctions/Cross Roads	Surna Karkhana Teen rasta	50
814	North	Junctions/Cross Roads	Ruby Teen rasta	50
815	North	Junctions/Cross Roads	Indika pava Teen rasta	50
816	North	Junctions/Cross Roads	Rajavir Circle	50
817	North	Junctions/Cross Roads	Hansol Lavadi	50
818	North	Junctions/Cross Roads	Hansol Cross Road	50
819	North	Junctions/Cross Roads	Gujarat Bottling Cross road	50
820	North	Junctions/Cross Roads	Keval Kantha Cross Road	50
821	North	Junctions/Cross Roads	Ambikamil Cross road	50
822	North	Junctions/Cross Roads	Badiyakaka Cross road	50
823	East	Junctions/Cross Roads	Sukharam Nagar Cross road	50
824	East	Junctions/Cross Roads	Silver Mill Cross road	50
825	East	Junctions/Cross Roads	Mariyam BB Cross Road	50
826	East	Junctions/Cross Roads	Rajpur Toll naka cross road	50
827	East	Junctions/Cross Roads	Topi Mill dhal Cross Road	50
828	East	Junctions/Cross Roads	Haribhai Gopani Cross road	50
829	East	Junctions/Cross Roads	Everest Cinema Cross Road	50
830	East	Junctions/Cross Roads	Raipur Mill Cross Road	50
831	East	Junctions/Cross Roads	Dmart Cross Road	50
832	East	Junctions/Cross Roads	Bhadbanjan Cross Road	50
833	East	Junctions/Cross Roads	Manchani Masjid	50
834	East	Junctions/Cross Roads	Kalidas Cross Road	50
835	South	Junctions/Cross Roads	Anupan Cross Road	50
836	South	Junctions/Cross Roads	New Cotton Cross Road	50
837	South	Junctions/Cross Roads	Gayatri Dairy Teen rasta	50
838	South	Junctions/Cross Roads	Amraiyawadi Cross road	50
839	South	Junctions/Cross Roads	Mansi Mandir Cross road	50
840	East	Junctions/Cross Roads	Odhav Ring road Cross road	50
841	West	Junctions/Cross Roads	Panjara pol Cross road	50
842	East	Junctions/Cross Roads	vastral Cross Road	50
843	South	Junctions/Cross Roads	CTM Cross Road	50
844	East	Junctions/Cross Roads	Ramol SP Ring Road(Adani Circle)	50
845	South	Junctions/Cross Roads	Opposite RAF Camp	50
846	South	Junctions/Cross Roads	Kabristan Circle	50
847	South	Junctions/Cross Roads	Nikol SP Ring Road	50
848	North	Junctions/Cross Roads	Palm Hotel SP Ring Road	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
849	South	Junctions/Cross Roads	Khodiyar Mandir Cross road	50
850	South	Junctions/Cross Roads	Khokhra Circle	50
851	North	Junctions/Cross Roads	Thakkar nagar cross road	50
852	South	Junctions/Cross Roads	Govindwadi Cross road	50
853	South	Junctions/Cross Roads	Avkar Hall Cross road	15
854	South	Junctions/Cross Roads	Pirana Cross road	50
855	South	Junctions/Cross Roads	BB lake Cross road	50
856	South	Junctions/Cross Roads	Cozy Hotel Cross road	50
857	East	Junctions/Cross Roads	Vaikunth Dham Cross road	50
858	South	Junctions/Cross Roads	Apsara Cinema Cross road	50
859	South	Junctions/Cross Roads	Bhulabhai Park Cross road	50
860	South	Junctions/Cross Roads	Football ground Cross road	50
861	South	Junctions/Cross Roads	Gautamnagar cross road	50
862	Central	Junctions/Cross Roads	Prem Darwaja	10
863	Central	Junctions/Cross Roads	Subhash Bridge Circle	50
864	North	Junctions/Cross Roads	Prabodra Raval Circle	50
865	West	Junctions/Cross Roads	Powerhouse Circle	50
866	West	Junctions/Cross Roads	Acher Cross road	50
867	West	Junctions/Cross Roads	Sabarmati Police Station Cut	50
868	West	Junctions/Cross Roads	New CG Road	50
869	West	Junctions/Cross Roads	Vishwakarma college	50
870	West	Junctions/Cross Roads	Ashok vihar circle	50
871	West	Junctions/Cross Roads	Motera Stadium Cross road	50
872	West	Junctions/Cross Roads	Ganthiyad Chandkheda	50
873	Central	Junctions/Cross Roads	Sheela Lekh Cross road	50
874	Central	Junctions/Cross Roads	Dariyapur Darwaja	50
875	West	Junctions/Cross Roads	ONGC Cross road	50
876	West	Junctions/Cross Roads	GST Railway Crossing Cross road	50
877	Central	Junctions/Cross Roads	Under Bridge circle	50
878	Central	Junctions/Cross Roads	Sheela Lekh Cross road	50
879	South	Junctions/Cross Roads	Sonal Cinema cross road	50
880	New West	Junctions/Cross Roads	Juhanpura cross road	50
881	New West	Junctions/Cross Roads	Boot Bhawani Bus stand	50
882	West	Junctions/Cross Roads	Thakor Bhai Hall Cross road	50
883	West	Junctions/Cross Roads	Ambawadi Circle	50
884	West	Junctions/Cross Roads	opposite Chadawad Chowki	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
885	West	Junctions/Cross Roads	Excise Chowki	50
886	New West	Junctions/Cross Roads	Ujala Circle	50
887	New West	Junctions/Cross Roads	Opposite Amber Tower Cross road	50
888	New West	Junctions/Cross Roads	Sarkhej Dhal	50
889	New West	Junctions/Cross Roads	Makraba Dhal (Opposite Reliance Petrol Pump Teen rasta)	50
890	Central	Junctions/Cross Roads	Shantipura Circle	50
891	New West	Junctions/Cross Roads	Sanand Circle	50
892	New West	Junctions/Cross Roads	YMCA Cut	50
893	New West	Junctions/Cross Roads	Mehmadpura T Junction	50
894	North	Schools	HANSOL GUJ.-1	2
895	North	Schools	HANSOL GUJ.-2	2
896	North	Schools	SARDARNAGAR GUJ. 1	2
897	North	Schools	SARDARNAGAR GUJ. 2	2
898	North	Schools	SARDARNAGAR HI. 1	2
899	North	Schools	SARDARNAGAR ENG. 1	2
900	North	Schools	KOTARPUR GUJ. 2	2
901	Central	Schools	Dar.U.2	2
902	Central	Schools	Dar. U.4	2
903	Central	Schools	Dar. U.6	2
904	Central	Schools	Darya.2	2
905	Central	Schools	Darya.8	2
906	Central	Schools	Darya.10	2
907	Central	Schools	Darya.12	2
908	Central	Schools	Darya.16	2
909	Central	Schools	Darya.18	2
910	Central	Schools	Shahp.U.4	2
911	Central	Schools	Shahp.U.5	2
912	Central	Schools	Shahp.U.6	2
913	Central	Schools	Asarwa.U.2	2
914	North	Schools	KUBERNAGAR HINDI 1	2
915	North	Schools	KUBERNAGAR HINDI 2	2
916	North	Schools	KUBERNAGAR GUJ 1	2
917	North	Schools	KUBERNAGAR GUJ 2	2
918	North	Schools	KUBERNAGAR GUJ 4	2
919	North	Schools	KUBERNAGAR SINDHI 8	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
920	North	Schools	KUBERNAGAR MUKHYA SINDHI	2
921	North	Schools	KUBERNAGAR ENGLISH 1	2
922	North	Schools	KUBERNAGAR ENGLISH 4	2
923	North	Schools	KUBERNAGAR MARATHI 1	2
924	Central	Schools	JAHANGIRPURA GUJ 1	2
925	Central	Schools	JAHANGIRPURA GUJ 2	2
926	Central	Schools	PRITAMPURA GUJ 1	2
927	Central	Schools	PRITAMPURA GUJ 2	2
928	Central	Schools	PRITAMPURA GUJ 3	2
929	Central	Schools	PRITAMPURA GUJ 4	2
930	Central	Schools	ASARAWA HINDI 1	2
931	Central	Schools	ASARAWA HINDI 5	2
932	Central	Schools	ASARAWA HINDI 8	2
933	Central	Schools	ASARAWA HINDI 9	2
934	Central	Schools	MEGHANINAGAR HINDI 1	2
935	Central	Schools	MEGHANINAGAR HINDI 2	2
936	Central	Schools	MEGHANINAGAR MARATHI 1	2
937	Central	Schools	PRITAMPURA HINDI 1	2
938	North	Schools	Naroda – 1	2
939	North	Schools	Naroda – 2	2
940	North	Schools	Naroda – 4	2
941	North	Schools	THAKKRBAPA ASHRMASHALA	2
942	North	Schools	Muthiya – 1	2
943	North	Schools	Chharanagar – 1	2
944	North	Schools	Chharanagar – 2	2
945	North	Schools	Nobalnagar – 1	2
946	North	Schools	Nobalnagar – 2	2
947	North	Schools	Nobalnagar – 3	2
948	North	Schools	Nobalnagar – 4	2
949	North	Schools	Nobalnagar – 6	2
950	North	Schools	Nobal Hindi – 2	2
951	North	Schools	THAKKARBAPANAGAR GUJ 1	2
952	North	Schools	THAKKARBAPANAGAR GUJ 2	2
953	North	Schools	THAKKARBAPANAGAR ENGLISH 1	2
954	North	Schools	KRUSHNAGAR GUJ 1	2
955	North	Schools	KRUSHNAGAR GUJ 2	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
956	North	Schools	SRP GUJ 1	2
957	North	Schools	SRP GUJ 2	2
958	North	Schools	SRP MARATHI 1	2
959	North	Schools	NARODA ROAD GUJ 1	2
960	North	Schools	NARODA ROAD GUJ 2	2
961	North	Schools	ASARWA GUJ 9	2
962	North	Schools	ASARWA GUJ 10	2
963	North	Schools	MEGHANINAGAR GUJ 1	2
964	North	Schools	MEGHANINAGAR GUJ 2	2
965	North	Schools	MEGHANINAGAR GUJ 3	2
966	North	Schools	MEGHANINAGAR GUJ 4	2
967	North	Schools	ASARWA MARATHI 2	2
968	North	Schools	ASARWA TAMIL 1	2
969	North	Schools	SARASPUR GUJ 6	2
970	North	Schools	SARASPUR GUJ 7	2
971	North	Schools	SARASPUR GUJ 8	2
972	North	Schools	SARASPUR GUJ 11	2
973	North	Schools	SARASPUR GUJ 12	2
974	North	Schools	SARASPUR GUJ 21	2
975	North	Schools	SARASPUR GUJ 24	2
976	North	Schools	SARASPUR GUJ 26	2
977	North	Schools	SARASPUR HINDI 4	2
978	North	Schools	SARASPUR HINDI 6	2
979	North	Schools	SAIJPUR GUJ 1	2
980	North	Schools	SAIJPUR GUJ 2	2
981	North	Schools	SAIJPUR GUJ 3	2
982	North	Schools	SAIJPUR GUJ 5	2
983	North	Schools	SAIJPUR GUJ 6	2
984	North	Schools	SAIJPUR MARATHI 1	2
985	North	Schools	SAIJPUR HINDI 1	2
986	North	Schools	SARASPUER GUJ SCH 1	2
987	North	Schools	SARASPUER GUJ SCH 3	2
988	North	Schools	SARASPUER GUJ SCH 4	2
989	North	Schools	SARASPUER GUJ SCH 9	2
990	North	Schools	SARASPUER GUJ SCH 13	2
991	North	Schools	SARASPUER GUJ SCH 14	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
992	North	Schools	SARASPUER GUJ SCH 19	2
993	North	Schools	SARASPUER GUJ SCH 20	2
994	North	Schools	AMDUPURA GUJ SCH 1	2
995	North	Schools	AMDUPURA GUJ SCH 2	2
996	North	Schools	SARASPUER URDU SCH 1	2
997	North	Schools	SARASPUER URDU SCH 2	2
998	North	Schools	SARASPUER URDU SCH 3	2
999	North	Schools	SARASPUER URDU SCH 4	2
1000	North	Schools	SARASPUER URDU SCH 5	2
1001	Central	Schools	ASARWA SCHOOL NO 2	2
1002	Central	Schools	ASARWA SCHOOL NO 3	2
1003	Central	Schools	ASARWA SCHOOL NO 4	2
1004	Central	Schools	ASARWA SCHOOL NO 6	2
1005	Central	Schools	ASARWA SCHOOL NO 8	2
1006	Central	Schools	ASARWA SCHOOL NO 11	2
1007	Central	Schools	ASARWA SCHOOL NO 12	2
1008	Central	Schools	ASARWA SCHOOL NO 15	2
1009	Central	Schools	ASARWA SCHOOL NO 16	2
1010	Central	Schools	ASARWA SCHOOL NO 18	2
1011	Central	Schools	ASARWA SCHOOL NO 20	2
1012	Central	Schools	ASARWA SCHOOL NO 23	2
1013	East	Schools	BAGEFIRDOSH GUJ 1	2
1014	East	Schools	BAGEFIRDOSH HIN 1	2
1015	East	Schools	BAGEFIRDOSH MARATHI 2	2
1016	East	Schools	AMRAIWADI GUJ 13	2
1017	East	Schools	AMRAIWADI GUJ 14	2
1018	East	Schools	AMRAIWADI HINDI 9	2
1019	East	Schools	GHODASAR GUJ 2	2
1020	South	Schools	JASHODANAGAR GUJ 1	2
1021	South	Schools	JASHODANAGAR GUJ 1	2
1022	South	Schools	JASHODANAGAR GUJ 1	2
1023	South	Schools	JASHODANAGAR GUJ 1	2
1024	South	Schools	JASHODANAGAR GUJ 1	2
1025	South	Schools	JASHODANAGAR GUJ 1	2
1026	South	Schools	JASHODANAGAR GUJ 1	2
1027	South	Schools	JASHODANAGAR GUJ 1	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1028	South	Schools	VATVA GUJ 1	2
1029	South	Schools	VATVA GUJ 2	2
1030	South	Schools	VATVA GUJ 3	2
1031	South	Schools	VATVA GUJ 4	2
1032	South	Schools	VATVA GUJ 5	2
1033	South	Schools	VATVA GUJ 6	2
1034	South	Schools	VATVA HINDI 1	2
1035	South	Schools	VATVA URDU 1	2
1036	South	Schools	KU.HINAVORA PRATHMIK SHALA	2
1037	South	Schools	ISANPUR GUJ 1	2
1038	South	Schools	ISANPUR GUJ 2	2
1039	South	Schools	RANIPUR GUJ 2	2
1040	South	Schools	SHAHWADI GUJ 2	2
1041	South	Schools	NAROL GUJ 1	2
1042	South	Schools	NAROL GUJ 2	2
1043	South	Schools	GANESH NAGAR PIPELJ GUJ 1	2
1044	South	Schools	DANILIMDA - 1	2
1045	South	Schools	DANILIMDA - 2	2
1046	South	Schools	DANILIMDA - 3	2
1047	South	Schools	DANILIMDA - 4	2
1048	South	Schools	DANILIMDA - 5	2
1049	South	Schools	DANILIMDA - 6	2
1050	South	Schools	DANILIMDA URDU - 1	2
1051	South	Schools	DANILIMDA URDU - 2	2
1052	South	Schools	DANILIMDA URDU - 3	2
1053	South	Schools	DANILIMDA URDU - 4	2
1054	South	Schools	CHANDOLA - 1	2
1055	South	Schools	CHANDOLA - 2	2
1056	South	Schools	CHANDOLA URDU - 1	2
1057	South	Schools	CHANDOLA URDU - 2	2
1058	South	Schools	BAHERAMPURA - 8	2
1059	South	Schools	BAHERAMPURA - 13	2
1060	South	Schools	MILLATNAGAR URDU - 1	2
1061	South	Schools	MILLATNAGAR URDU - 2	2
1062	South	Schools	MANINAGAR GUJ SCHOOL-6	2
1063	South	Schools	MANINAGAR GUJ SCHOOL-4	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1064	South	Schools	KANKARIA GUJ SCHOOL -4	2
1065	South	Schools	MANINAGAR MARATI SCHOOL-2	2
1066	South	Schools	MILLATNAGAR GUJ SCHOOL -1	2
1067	South	Schools	MILLATNAGAR GUJ SCHOOL-2	2
1068	South	Schools	MANINAGAR GUJ SCHOOL-1	2
1069	South	Schools	MANINAGAR GUJ SCHOOL-2	2
1070	South	Schools	KAKRIYA GUJ 1	2
1071	South	Schools	KAKRIYA GUJ 2	2
1072	South	Schools	KAKRIYA GUJ 6	2
1073	South	Schools	KAKRIYA GUJ 8	2
1074	South	Schools	KAKRIYA GUJ 9	2
1075	South	Schools	KAKRIYA GUJ 10	2
1076	South	Schools	KAKRIYA URDU 2	2
1077	South	Schools	KAKRIYA URDU 3	2
1078	South	Schools	KAKRIYA URDU 4	2
1079	South	Schools	KAKRIYA URDU 5	2
1080	Central	Schools	KHADIYA SCHOOL 2	2
1081	Central	Schools	KHADIYA SCHOOL 10	2
1082	Central	Schools	KHADIYA SCHOOL 12	2
1083	Central	Schools	KHADIYA SCHOOL 14	2
1084	Central	Schools	KHADIYA SCHOOL 28	2
1085	Central	Schools	JAMALPUR SCHOOL 2	2
1086	Central	Schools	JAMALPUR SCHOOL 24	2
1087	Central	Schools	MUNCIPAL GIRLS PRA. SCHOOL	2
1088	Central	Schools	MADHAVBAG SCHOOL 1	2
1089	South	Schools	BEHRAMPURA GUJ 1	2
1090	South	Schools	BEHRAMPURA GUJ 2	2
1091	South	Schools	BEHRAMPURA GUJ 3	2
1092	South	Schools	BEHRAMPURA GUJ 4	2
1093	South	Schools	BEHRAMPURA GUJ 9	2
1094	South	Schools	BEHRAMPURA GUJ 10	2
1095	South	Schools	BEHRAMPURA GUJ 11	2
1096	South	Schools	BEHRAMPURA GUJ 12	2
1097	South	Schools	BEHRAMPURA GUJ 15	2
1098	South	Schools	BEHRAMPURA GUJ 17	2
1099	South	Schools	BEHRAMPURA GUJ 18	2





S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1100	South	Schools	BEHRAMPURA GUJ 20	2
1101	South	Schools	BEHRAMPURA URDU 1	2
1102	South	Schools	BEHRAMPURA URDU 5	2
1103	South	Schools	BEHRAMPURA URDU 6	2
1104	South	Schools	BEHRAMPURA HINDI 1	2
1105	South	Schools	BEHRAMPURA HINDI 2	2
1106	Central	Schools	JAMALPUR URDU 1	2
1107	Central	Schools	JAMALPUR URDU 2	2
1108	Central	Schools	JAMALPUR URDU 4	2
1109	Central	Schools	JAMALPUR URDU 6	2
1110	Central	Schools	JAMALPUR URDU 8	2
1111	Central	Schools	JAMALPUR URDU 9	2
1112	Central	Schools	JAMALPUR URDU 10	2
1113	Central	Schools	JAMALPUR URDU 14	2
1114	Central	Schools	JAMALPUR GUJ 4	2
1115	Central	Schools	JAMALPUR GUJ 7	2
1116	Central	Schools	JAMALPUR GUJ 8	2
1117	Central	Schools	JAMALPUR GUJ 9	2
1118	Central	Schools	JAMALPUR GUJ 10	2
1119	Central	Schools	JAMALPUR GUJ 11	2
1120	Central	Schools	JAMALPUR GUJ 12	2
1121	Central	Schools	JAMALPUR GUJ 16	2
1122	Central	Schools	JAMALPUR GUJ 18	2
1123	Central	Schools	RAIKHAD 2	2
1124	Central	Schools	RAIKHAD 2	2
1125	Central	Schools	RAIKHAD 2	2
1126	Central	Schools	RAIKHAD 2	2
1127	Central	Schools	RAIKHAD 2	2
1128	Central	Schools	RAIKHAD 2	2
1129	Central	Schools	RAIKHAD 2	2
1130	Central	Schools	RAIKHAD 2	2
1131	Central	Schools	RAIKHAD 2	2
1132	Central	Schools	KALUPUR GU. SCHOOL NO-2	2
1133	Central	Schools	KALUPUR GU. SCHOOL NO-6	2
1134	Central	Schools	KALUPUR GU. SCHOOL NO-8	2
1135	Central	Schools	KALUPUR GU. SCHOOL NO-12	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1136	Central	Schools	KALUPUR GU. SCHOOL NO-17	2
1137	Central	Schools	KALUPUR GU. SCHOOL NO-19	2
1138	Central	Schools	KALUPUR GU. SCHOOL NO-22	2
1139	Central	Schools	KALYPUR HINDI-2	2
1140	Central	Schools	KALUPUR URDU-4	2
1141	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.1	2
1142	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.2	2
1143	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.3	2
1144	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.4	2
1145	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.7	2
1146	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.9	2
1147	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.10	2
1148	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.13	2
1149	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.14	2
1150	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.16	2
1151	North	Schools	BAPUNAGAR HINDI SCHOOL NO.4	2
1152	North	Schools	BAPUNAGAR HINDI SCHOOL NO.5	2
1153	North	Schools	BAPUNAGAR HINDI SCHOOL NO.8	2
1154	North	Schools	RAKHIYAL GUJ.SCHOOL NO.1	2
1155	North	Schools	RAKHIYAL GUJ.SCHOOL NO.2	2
1156	North	Schools	RAKHIYAL MARATHI SCHOOL NO.2	2
1157	North	Schools	RAKHIYAL HINDI SCHOOL NO.1	2
1158	North	Schools	RAKHIYAL HINDI SCHOOL NO.2	2
1159	North	Schools	RAKHIYAL ENG.SCHOOL NO.1	2
1160	North	Schools	SARASPUR HINDI SCHOOL NO.1	2
1161	North	Schools	SARASPUR HINDI SCHOOL NO.2	2
1162	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.5	2
1163	North	Schools	BAPUNAGAR GUJ. SCHOOL NO.6	2
1164	North	Schools	BAPUNAGAR HINDI SCHOOL NO.1	2
1165	North	Schools	BAPUNAGAR MARATHI SCHOOL NO.2	2
1166	North	Schools	BAPUNAGAR URDU SCHOOL NO.2	2
1167	North	Schools	BAPUNAGAR URDU SCHOOL NO.4	2
1168	North	Schools	BAPUNAGAR URDU SCHOOL NO.5	2
1169	North	Schools	BAPUNAGAR URDU SCHOOL NO.6	2
1170	North	Schools	BAPUNAGAR URDU SCHOOL NO.7	2
1171	North	Schools	BAPUNAGAR URDU SCHOOL NO.8	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1172	North	Schools	BAPUNAGAR URDU SCHOOL NO.9	2
1173	North	Schools	BAPUNAGAR URDU SCHOOL NO.10	2
1174	East	Schools	GOMTI HINDI SCHOOL NO.1	2
1175	East	Schools	GOMTI GUJ. SCHOOL NO.2	2
1176	East	Schools	GOMTI GUJ. SCHOOL NO.4	2
1177	East	Schools	GOMTI GUJ. SCHOOL NO.6	2
1178	East	Schools	GOMTI URDU SCHOOL NO.1	2
1179	East	Schools	GOMTI URDU SCHOOL NO.2	2
1180	East	Schools	GOMTI URDU SCHOOL NO.3	2
1181	East	Schools	GOMTI URDU SCHOOL NO.4	2
1182	East	Schools	GOMTI URDU SCHOOL NO.6	2
1183	East	Schools	RAJPUR GUJ.SCHOOL NO.1	2
1184	East	Schools	RAJPUR GUJ.SCHOOL NO.2	2
1185	East	Schools	RAJPUR GUJ.SCHOOL NO.3	2
1186	East	Schools	RAJPUR GUJ.SCHOOL NO.4	2
1187	East	Schools	RAJPUR GUJ.SCHOOL NO.5	2
1188	East	Schools	RAJPUR GUJ.SCHOOL NO.9	2
1189	East	Schools	RAJPUR GUJ.SCHOOL NO.7	2
1190	East	Schools	RAJPUR GUJ.SCHOOL NO.8	2
1191	East	Schools	RAJPUR GUJ.SCHOOL NO.11	2
1192	East	Schools	RAJPUR GUJ.SCHOOL NO.12	2
1193	East	Schools	RAJPUR GUJ.SCHOOL NO.17	2
1194	East	Schools	RAJPUR GUJ.SCHOOL NO.18	2
1195	East	Schools	RAJPUR HINDI SCHOOL NO.1	2
1196	East	Schools	RAJPUR HINDI SCHOOL NO.2	2
1197	East	Schools	RAJPUR HINDI SCHOOL NO.5	2
1198	East	Schools	RAJPUR HINDI SCHOOL NO.6	2
1199	East	Schools	RAJPUR URDU SCHOOL NO.1	2
1200	East	Schools	RAJPUR URDU SCHOOL NO.2	2
1201	East	Schools	RAJPUR URDU SCHOOL NO.3	2
1202	East	Schools	RAJPUR URDU SCHOOL NO.4	2
1203	East	Schools	RAJPUR URDU SCHOOL NO.6	2
1204	East	Schools	RAJPUR URDU SCHOOL NO.7	2
1205	East	Schools	RAKHIYAL URDU SCHOOL NO.1	2
1206	East	Schools	RAKHIYAL URDU SCHOOL NO.2	2
1207	East	Schools	AMRAIWADI GUJ.1	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1208	East	Schools	AMRAIWADI GUJ.2	2
1209	East	Schools	AMRAIWADI GUJ.4	2
1210	East	Schools	AMRAIWADI GUJ.5	2
1211	East	Schools	AMRAIWADI GUJ.6	2
1212	East	Schools	AMRAIWADI GUJ.9	2
1213	East	Schools	AMRAIWADI GUJ.10	2
1214	East	Schools	AMRAIWADI GUJ.11	2
1215	East	Schools	AMRAIWADI GUJ.12	2
1216	East	Schools	AMRAIWADI GUJ.16	2
1217	East	Schools	AMRAIWADI HINDI 1	2
1218	East	Schools	AMRAIWADI HINDI 2	2
1219	East	Schools	AMRAIWADI HINDI 5	2
1220	East	Schools	AMRAIWADI HINDI 7	2
1221	East	Schools	AMRAIWADI HINDI 8	2
1222	East	Schools	AMRAIWADI MARATHI 4	2
1223	East	Schools	KHOKHARA GUJ.12	2
1224	East	Schools	KHOKHARA HINDI 4	2
1225	East	Schools	KHOKHARA MARATHI 3	2
1226	East	Schools	AMRAIWADI GUJ.7	2
1227	East	Schools	AMRAIWADI GUJ.8	2
1228	East	Schools	AMRAIWADI HINDI 4	2
1229	East	Schools	AMRAIWADI MARATHI 2	2
1230	East	Schools	AMRAIWADI TAMIL 1	2
1231	East	Schools	PURUSHOTTAN NAGAR GUJ. 1	2
1232	East	Schools	PURUSHOTTAN NAGAR GUJ. 2	2
1233	East	Schools	PURUSHOTTAMNAGAR GUJ. 4	2
1234	East	Schools	PURUSHOTTAN NAGAR HIN. 1	2
1235	East	Schools	THAKKARNAGAR HINDI 1	2
1236	East	Schools	THAKKARNAGAR HINDI 2	2
1237	East	Schools	ODHAV GUJ.1	2
1238	East	Schools	ODHAV GUJ.2	2
1239	East	Schools	ODHAV GUJ.3	2
1240	East	Schools	ODHAV GUJ.4	2
1241	East	Schools	AMBIKA GUJ 1	2
1242	East	Schools	KARSANNAGAR GUJ.1	2
1243	East	Schools	KARSANNAGAR GUJ.2	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1244	East	Schools	KARSANNAGAR GUJ.3	2
1245	East	Schools	KARSANNAGAR GUJ.4	2
1246	East	Schools	GIDC ODHAV GUJ.2	2
1247	East	Schools	ODHAV HINDI 1	2
1248	East	Schools	ODHAV HINDI 2	2
1249	East	Schools	ODHAV HINDI 3	2
1250	East	Schools	AMBIKA HINDI 1	2
1251	East	Schools	KARSAN HINDI 1	2
1252	East	Schools	GIDC HINDI 1	2
1253	South	Schools	KHOKHRA GUJ.2	2
1254	South	Schools	KHOKHRA GUJ.4	2
1255	South	Schools	KHOKHRA HINDI 2	2
1256	South	Schools	KHOKHRA MARATHI 2	2
1257	South	Schools	KHOKHRA TAMIL 1	2
1258	West	Schools	ELISBRIDGE SCHOOL 4	2
1259	West	Schools	ELISBRIDGE SCHOOL 7	2
1260	West	Schools	ELISBRIDGE SCHOOL 8	2
1261	West	Schools	ELISBRIDGE SCHOOL 10	2
1262	Central	Schools	SHAHIBAG GUJ SCHOOL 1	2
1263	Central	Schools	SHAHIBAG GUJ SCHOOL 2	2
1264	Central	Schools	SHAHIBAG GUJ SCHOOL 4	2
1265	Central	Schools	SHAHIBAG GUJ SCHOOL 6	2
1266	Central	Schools	BARDOLPURA GUJ 1	2
1267	Central	Schools	BARDOLPURA GUJ 2	2
1268	Central	Schools	PREM DARWAJA GUJ 2	2
1269	Central	Schools	AMARPURA HINDI SCHOOL 1	2
1270	Central	Schools	AMARPURA HINDI SCHOOL 2	2
1271	Central	Schools	SHAHIBAG HINDI SCHOOL 1	2
1272	Central	Schools	SHAHIBAG URDU SCHOOL 1	2
1273	Central	Schools	SHAHIBAG URDU SCHOOL 2	2
1274	Central	Schools	SHAHPUR SCHOOL 1	2
1275	Central	Schools	SHAHPUR SCHOOL 5	2
1276	Central	Schools	SHAHPUR SCHOOL 2	2
1277	Central	Schools	SHAHPUR SCHOOL 4	2
1278	Central	Schools	SHAHPUR SCHOOL 11	2
1279	Central	Schools	SHAHPUR SCHOOL 6	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1280	Central	Schools	SHAHPUR SCHOOL 8	2
1281	Central	Schools	SHAHPUR SCHOOL 10	2
1282	Central	Schools	SHAHPUR SCHOOL 12	2
1283	Central	Schools	SHAHPUR SCHOOL 15	2
1284	Central	Schools	SHAHPUR SCHOOL 16	2
1285	Central	Schools	SHAHPUR HINDI SCHOOL 1	2
1286	Central	Schools	SHAHPUR URDU SCHOOL 1	2
1287	Central	Schools	SHAHPUR URDU SCHOOL 10	2
1288	Central	Schools	SHAHPUR SCHOOL 7	2
1289	West	Schools	NAVA VADAJ SCHOOL 1	2
1290	West	Schools	NAVA VADAJ SCHOOL 2	2
1291	West	Schools	NAVA VADAJ SCHOOL 3	2
1292	West	Schools	NAVA VADAJ SCHOOL 4	2
1293	West	Schools	NAVA VADAJ SCHOOL 9	2
1294	West	Schools	NAVA VADAJ SCHOOL 10	2
1295	West	Schools	NAVA VADAJ HINDI SCHOOL 1	2
1296	West	Schools	GANDHINAGAR SCHOOL 2	2
1297	West	Schools	NARANPURA HINDI 1	2
1298	West	Schools	NARANPURA HINDI 3	2
1299	West	Schools	NARANPURA HINDI 4	2
1300	West	Schools	NARANPURA GUJ 4	2
1301	West	Schools	NARANPURA GUJ 1	2
1302	West	Schools	NARANPURA GUJ 2	2
1303	West	Schools	NARANPURA GUJ 6	2
1304	West	Schools	DHUDHESHWAR SCHOOL 3	2
1305	West	Schools	DHUDHESHWAR SCHOOL 4	2
1306	West	Schools	DHUDHESHWAR HINDI SCHOOL 1	2
1307	West	Schools	DHUDHESHWAR SCHOOL 2	2
1308	West	Schools	DHUDHESHWAR SCHOOL 6	2
1309	West	Schools	DHUDHESHWAR URDU SCHOOL 1	2
1310	West	Schools	DHUDHESHWAR URDU SCHOOL 2	2
1311	West	Schools	VASNA 1	2
1312	West	Schools	VASNA 2	2
1313	West	Schools	VASNA 3	2
1314	West	Schools	VASNA 4	2
1315	West	Schools	VASNA 5	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1316	West	Schools	VASNA 6	2
1317	West	Schools	VASNA 8	2
1318	West	Schools	ELISBRIDGE SCHOOL 2	2
1319	West	Schools	ELISBRIDGE SCHOOL 6	2
1320	West	Schools	ELISBRIDGE SCHOOL 12	2
1321	West	Schools	ELISBRIDGE SCHOOL 14	2
1322	West	Schools	ELISBRIDGE SCHOOL 16	2
1323	West	Schools	ELISBRIDGE SCHOOL 22	2
1324	West	Schools	ELISBRIDGE SCHOOL 28	2
1325	West	Schools	VADAJ SCHOOL 2	2
1326	West	Schools	VADAJ SCHOOL 4	2
1327	West	Schools	VADAJ SCHOOL 1	2
1328	West	Schools	VADAJ SCHOOL 3	2
1329	West	Schools	VADAJ HINDI SCHOOL 1	2
1330	West	Schools	VADAJ HINDI SCHOOL 2	2
1331	West	Schools	MAHATMA GANDHI SCHOOL 1	2
1332	West	Schools	RAMDEV PIRJI TE. MYUNCIPAL SCHOO	2
1333	West	Schools	KESHAVNAGAR SCHOOL 2	2
1334	West	Schools	KESHAVNAGAR SCHOOL 1	2
1335	West	Schools	USMANPURA 2	2
1336	West	Schools	SABARMATI GUJ 2	2
1337	West	Schools	SABARMATI GUJ 3	2
1338	West	Schools	SABARMATI GUJ 4	2
1339	West	Schools	SABARMATI GUJ 5	2
1340	West	Schools	SABARMATI GUJ 6	2
1341	West	Schools	SABARMATI GUJ 7	2
1342	West	Schools	SABARMATI GUJ 8	2
1343	West	Schools	SABARMATI GUJ 10	2
1344	West	Schools	SABARMATI HINDI 1	2
1345	West	Schools	SABARMATI HINDI 2	2
1346	West	Schools	SABARMATI HINDI 3	2
1347	West	Schools	SABARMATI TAMIL SCHOOL 2	2
1348	West	Schools	ELISBRIDGE SCHOOL 17	2
1349	West	Schools	ELISBRIDGE SCHOOL 18	2
1350	West	Schools	ELISBRIDGE SCHOOL 26	2
1351	West	Schools	ELISBRIDGE SCHOOL 30	2



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1352	New West	UHC	Gota	15
1353	West	UHC	S.P.Stadium	5
1354	East	UHC	vastral	10
1355	West	UHC	Paldi	5
1356	South	UHC	lambha	5
1357	South	UHC	baherampura	5
1358	West	UHC	kali	5
1359	North	UHC	Sardarnagar	5
1360	South	UHC	khokhra	10
1361	South	UHC	arbudanagar	5
1362	New West	UHC	bodakdev	5
1363	South	UHC	lambha	5
1364	South	UHC	lambha	5
1365	South	UHC	vatva	5
1366	East	UHC	amraiwadi	5
1367	New West	UHC	ambawadi	5
1368	South	UHC	baherampura	5
1369	West	UHC	naranpura	5
1370	West	UHC	vasna	5
1371	Central	UHC	DUDHESHWAR	10
1372	West	UHC	SABARMATI	10
1373	South	UHC	BEHRAMPURA	10
1374	South	UHC	DANILIMDA	10
1375	East	UHC	Vastral	10
1376	East	Sensors-Water:WDS	Adinath Nagar (Bhavani Nagar)	10
1377	Central	Sensors-Water:WDS	Dudheshwar	10
1378	East	Sensors-Water:WDS	Vastral	10
1379	South	Sensors-Water:WDS	FP. 204	10
1380	Central	Sensors-Water:WDS	Jamalpur	10
1381	South	Sensors-Water:WDS	Behrampura	10
1382	Central	Camera: CSITMS	Prem Darwaja	10
1383	North	Camera: CSITMS	Saraspur Char Rasta	10
1384	New West	Camera: CSITMS	Gota	15
1385	South	Camera: CSITMS	Narol Circle	25
1386	East	Camera: CSITMS	Odhav	20
1387	Central	Police station	ELLICEBRIDGE POLICE STATION	50





S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1388	East	Police station	AMRAIWADI POLICE STATION	50
1389	East	Police station	BAPUNAGAR POLICE STATION	50
1390	West	Police station	CHANDKHEDA POLICE STATION	50
1391	Central	Police station	DANILIMBDA POLICE STATION	50
1392	Central	Police station	DARIYAPUR POLICE STATION	50
1393	Central	Police station	GAYAKWAD POLICE STATION	50
1394	New West Zone	Police station	GHATLODIYA POLICE STATION	50
1395	East	Police station	GOMTIPUR POLICE STATION	50
1396	West	Police station	GUJARAT UNI. POLICE STATION	50
1397	South	Police station	ISANPUR POLICE STATION	50
1398	Central	Police station	KAGDAPITH POLICE STATION	50
1399	Central	Police station	KALUPUR POLICE STATION	50
1400	Central	Police station	KARANJ POLICE STATION	50
1401	Central	Police station	KHADIYA POLICE STATION	50
1402	Central	Police station	MADHAVPURA POLICE STATION	50
1403	South	Police station	MANINAGAR POLICE STATION	50
1404	North	Police station	MEGHANINAGAR POLICE STATION	50
1405	West	Police station	NARANPURA POLICE STATION	50
1406	North	Police station	NARODA POLICE STATION	50
1407	West	Police station	NAVRANGPURA POLICE STAION	50
1408	East	Police station	ODHAV POLICE STATION	50
1409	East	Police station	RAKHIAL POLICE STATION	50
1410	East	Police station	RAMOL POLICE STATION	50
1411	West	Police station	SABARMATI POLICE STATION	50
1412	North	Police station	SARDARNAGAR POLICE STATION	50
1413	New West Zone	Police station	SATELLITE POLICE STATION	50
1414	Central	Police station	SHAHIBAG POLICE STATION	50
1415	Central	Police station	SHAPUR POLICE STATION	50
1416	Central	Police station	SHAR KOTDA POLICE STATION	50
1417	New West Zone	Police station	SOLA POLICE STATION	50
1418	New West Zone	Police station	VAJALPUR POLICE STATION	50
1419	New West Zone	Police station	VASTRAPUR POLICE STATION	50
1420	central	Police station	VATAVA GIDC POLICE STATION	50
1421	South	Police station	VATVA POLICE STATION	50
1422	West	Police station	ANANDNAGAR POLICE STATION	50
1423	East	Police station	KHOKHARA POLICE STATION	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1424	West	Police station	RANIP POLICE STATION	50
1425	New West Zone	Police station	ACP A DIV, AHMEDABAD CITY, AHMEDABAD	50
1426	Central	Police station	ACP ADMN CRIME,AHMEDABAD CITY, AHMEDABAD	50
1427	New West Zone	Police station	ACP B DIV, AHMEDABAD CITY, AHMEDABAD.	50
1428	Central	Police station	ACP C DIV, AHMEDABAD CITY, AHMEDABAD	50
1429	Central	Police station	ACP CRIME, AHMEDABAD CITY, AHMEDABAD	50
1430	Central	Police station	ACP CYBER CRIME, AHMEDABAD CITY, AHMEDABAD	50
1431	Central	Police station	ACP D DIV, AHMEDABAD CITY, AHMEDABAD	50
1432	Central	Police station	ACP E DIV, AHMEDABAD CITY, AHMEDABAD	50
1433	Central	Police station	ACP F DIV, AHMEDABAD CITY, AHMEDABAD	50
1434	West	Police station	ACP G DIV, AHMEDABAD CITY, AHMEDABAD	50
1435	North	Police station	ACP H DIV, AHMEDABAD CITY, AHMEDABAD	50
1436	East	Police station	ACP I DIV, AHMEDABAD CITY, AHMEDABAD	50
1437	South	Police station	ACP J DIV, AHMEDABAD CITY, AHMEDABAD	50
1438	Central	Police station	ACP K DIV, AHMEDABAD CITY, AHMEDABAD	50
1439	Central	Police station	ACP L DIV, AHEDABAD CITY, AHMEDABAD	50
1440	New West Zone	Police station	ACP M DIV. (NEW), AHMEDABAD CITY,AHMEDABAD	50
1441	West	Police station	ACP MAHILA,AHMEDABAD CITY, AHMEDABAD	50
1442	New West Zone	Police station	ACP N DIV (NEW), AHMEDABAD CITY, AHMEDABAD	50
1443	Central	Police station	ACP SC ST CELL, AHMEDABAD CITY, AHMEDABAD	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1444	New West Zone	Police station	ACP SOG, AHMEDABAD CITY, AHMEDABAD	50
1445	Central	Police station	DCP CRIME, AHMEDABAD CITY, AHMEDABAD	50
1446	New West Zone	Police station	DCP SOG, AHMEDABAD CITY, AHMEDABAD	50
1447	Central	Police station	DCP TRAFFIC EAST, AHMEDABAD CITY, AHMEDABAD	50
1448	West	Police station	DCP TRAFFIC WEST, AHMEDABAD CITY, AHMEDABAD	50
1449	West	Police station	DCP ZONE-1, AHMEDABAD CITY, AHMEDABAD	50
1450	Central	Police station	DCP ZONE-2, AHMEDABAD CITY, AHMEDABAD	50
1451	Central	Police station	DCP ZONE-3, AHMEDABAD CITY, AHMEDABAD	50
1452	Central	Police station	DCP ZONE-4, AHMEDABAD CITY, AHMEDABAD	50
1453	East	Police station	DCP ZONE-5, AHMEDABAD CITY, AHMEDABAD	50
1454	South	Police station	DCP ZONE-6, AHMEDABAD CITY, AHMEDABAD	50
1455	Central	Police station	JCP CRIME, AHMEDABAD CITY, AHMEDABAD	50
1456	Central	Police station	JCP HQ, AHMEDABAD CITY, AHMEDABAD	50
1457	Central	Police station	JCP SECTOR-1, AHMEDABAD CITY, AHMEDABAD	50
1458	South	Police station	JCP SECTOR-2, AHMEDABAD CITY, AHMEDABAD	50
1459	Central	Police station	JCP TRAFFIC, AHMEDABAD CITY, AHMEDABAD	50
1460	West	Police station	MAHILA POLICE STATION, AHMEDABAD CITY	50
1461	New West Zone	Police station	A DIVISION TRAFFIC POLICE STATION	50
1462	West	Police station	B DIVISION TRAFFIC POLICE STATION	50
1463	Central	Police station	C DIVISION TRAFFIC POLICE STATION	50
1464	Central	Police station	D DIVISION TRAFFIC POLICE STATION	50
1465	Central	Police station	E DIVISION TRAFFIC POLICE STATION	50
1466	Central	Police station	F DIVISION TRAFFIC POLICE STATION	50



S/N	Zone	Location_Type	Locations_Name	Bandwidth required (Mbps)
1467	North	Police station	G DIVISION TRAFFIC POLICE STATION	50
1468	North	Police station	H DIVISION TRAFFIC POLICE STATION	50
1469	South	Police station	I DIVISION TRAFFIC POLICE STATION	50
1470	Central	Police station	K DIVISION TRAFFIC POLICE STATION	50
1471	New West Zone	Police station	M DIVISION TRAFFIC POLICE STATION	50
1472	New West Zone	Police station	N DIVISION TRAFFIC POLICE STATION	50
1473	West	Police station	RIVERFRONT EAST POLICE STATION	50
1474	Central	Police station	RIVERFRONT WEST POLICE STATION	50
1475	North	Police station	KRUSHNANAGAR POLICE STATION	50
1476	East	Police station	NIKOL POLICE STATION	50
1477	West	Police station	PALDI POLICE STATION	50
1478	East	Police station	MAHILA EAST POLICE STATION	50
1479	West	Police station	VADAJ POLICE STATION	50
1480	CCC	Police station	CP Office Shahibag Junction	2500

### **ANNEXURE – B**

- Details of Annexure – B will be shared with the successful bidder.

