

# VADODARA SMART CITY DEVELOPMENT LIMITED



## Request for Proposal For

“Selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software”

General Manager (IT)  
Information Technology Department  
Vadodara Smart City Development Limited (VSCDL)  
Khanderao Market Bldg., Palace Road  
Vadodara - 390 001.

Tender No.: VSCDL/IT/ 1699/23-24

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The information provided by the bidders in response to this Tender Document will become the property of VSCDL and will not be returned. VSCDL reserves the right to amend, rescind or reissue this Tender Document and all amendments will be advised to the bidders and such amendments will be binding on them. This document is prepared by VSCDL. It should not be reused or copied or used either partially or fully in any form.

Seal of Bidder

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Signature of Bidder

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## A. Notice Inviting Proposal and Necessary Instruction

Proposals in prescribed proforma are invited by VSCDL from eligible parties for this RFP.

1.	Scope of Work	Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-CCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software
2.	Tender submission Cost	INR 30,000 /- (Thirty Thousand Only) In the form of Demand Draft / Banker's Cheque in favor of "Vadodara Smart City Development Limited" drawn on any scheduled / nationalized bank and payable at Vadodara.
3.	EMD (bid Security / Security deposit)	INR 50,89,300 /- (Fifty Lacs Eighty-Nine Thousand Three Hundred Only) Demand Draft in favor of "Vadodara Smart City Development Limited" drawn on any scheduled bank and payable at Vadodara OR EMD in the form of bank guarantee with validity of 6 Years from the last date of bid submission in favor of "Vadodara Smart City Development Limited" from <ul style="list-style-type: none"> <li>All Nationalized banks including the Public sector banks - IDBILtd.</li> <li>Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank</li> </ul>
4.	Office issuing RFP	General Manger (IT), Vadodara Smart City Development Limited, IT - Department , Khanderao Market Building, Vadodara – 390 001.
5.	Contract Period(CAMC)	5 years from the date of issue of WO
6.	Bid validity days	180 days from the last date of submission of bids
7.	Issue of Tender	The tender can be downloaded from below websites. <a href="http://vadodarasmartcity.in/smartcity-tenders.html">http://vadodarasmartcity.in/smartcity-tenders.html</a> <a href="https://tender.nprocure.com/">https://tender.nprocure.com/</a>
8.	Pre-Bid Queries by email	Bidders shall have to post queries by email to directorit@vmc.gov.in, on or before 26/03/2024 up to time 03:00 pm
9.	Proposal due date (last date & time of Tender submission)	Tender should be submitted before 05/04/2024 at 04:00 pm. Bidder shall upload their bids on <a href="https://tender.nprocure.com/">https://tender.nprocure.com/</a>
10.	Submission (in Hard Copy by Reg. AD/Speed Post Only )	Complete duly signed RFP & proposal in sealed envelope with relevant details may be submitted to reach at following address: on or before 08/04/2024 up to time 04:00 pm (in HardCopy by Reg. AD / Speed Post Only) General Manger (IT), Vadodara Smart City Development Limited, IT - Department , Khanderao Market Building, Vadodara – 390 001.

11.	Date & Time of opening of Tender	Pre-Qualification documents will be opened on 08/04/2024 after 04:00 pm in the presence of bidders' representatives. Qualified bidders would be subsequently informed later about the date, time and venue for price bid opening.
12.	Contact persons (For any Clarifications)	General Manger (IT), Vadodara Smart City Development Limited, IT - Department , Khande rao Market Building, Vadodara – 390 001.
13	Joint venture / consortium / sub-contracts	Un-incorporated Joint venture / consortium / sub-contracts are not allowed. Work order / work completion certificates of such joint venture / consortium / sub-contracts will not be considered.

## **1. Introduction and background**

### **1.1. About CAMC VSCDL -ICCC project**

CAMC VSCDL-CCC project has various smart solutions like Integrated Command and Control Center, Smart surveillance system, Smart traffic management system, Public Wi-Fi, LED/Digital Display panel/boards, and various type of sensors, etc. riding on the Pan city infrastructure and city wide point to point connectivity network. It Consists of CCTV cameras, IoT devices, DC, DR, Licenses, Software's, Applications, Manpower, UPS, Fiber Optic Network and other Integrated systems. CCC is managing all other systems, networks and securities

VSCDL, VMC and Vadodara Police Department, Vadodara are the major stakeholders of the entire project. Wherein Police department are utilizing video feeds for city surveillance and intelligent traffic management of the entire city and VSCDL is utilizing video feeds and other sensor deployed under the project for efficient and effective management of the municipal services and city operations.

### **1.2. Objective of RFP**

Vadodara Smart City Development Limited (VSCDL) seeks proposal from the interested bidders for CAMC VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software. VSCDL is looking for agency to take over the entire system from current agency and operate and maintain the entire system for entire contract duration of 5 years

Vadodara Smart City Development Limited (VSCDL) seeks proposal from the interested bidders for CAMC VSCDL-ICCC project infrastructure with Integrated Command

Control Centre, Edge Devices and allied software. VSCDL is looking for agency to take over the entire system from current agency and operate and maintain the entire system for entire contract duration

## **2. Scope of Work**

The scope of work under this RFP covers,

### **2.1. Comprehensive Annual Maintenance Contract (CMAC) of VSCDL-ICCC Project: Operation and Maintenance of entire infrastructure (ICT, IT and Non-IT) installed as part of (VSCDL-ICCC) project**

- VSCDL-ICCC is a pan city ICT infrastructure project. The selected bidder will be responsible for operation and maintenance of various smart solution components implemented under this Project. In order to effectively describe the scope of work, various components are further divided into following subcomponents:
  1. ANPR Camera

2. ATCS
  3. Dome Camera
  4. Fix Camera
  5. PA , ECB, Smart Sensors (Env & Rain) System
  6. PTZ Camera
  7. OFC network
  8. Routers & Switches
  9. VMD
  10. CCC WIFI Access Points
  11. CCC Data Centre , Zonal Office DC
  12. ICCC Video Wall Monitoring and Controller
  13. DC non IT Equipment (UPS and Others)
  14. DC Non-IT Equipment of field & data center
  15. Licenses , OS and Various software applications
  16. Disaster Recovery(DR) Data Centre
  17. Any other connected ICCC components & Integrations
  18. Manpower of CCC and Field staff including OFC
  19. Workstations and other components
  20. CCC Electrical Power involves the MGVCL connection and billing.
- All the bidders are required to study the financial bid format of previous tender document (as mentioned in above point) to get the complete clarity on all the items procured under this project that will have to be maintained in healthy condition by the selected bidder for entire contract duration.
  - Selected Bidder will be responsible for below mentioned indicative list of activities applicable for successful Comprehensive Annual Maintenance Contract (CAMC) of all the components/sub-components of the project but not limited to:
    1. Successful Takeover of all project components including ICT, IT & Non-IT hardware and software from existing agency of VSCDL.
    2. The bidder is responsible for the specified line items and Bill of Quantities (BOQ), which are associated with a Comprehensive Annual Maintenance Contract (CAMC) extending over a period of five years.
    3. The bidder is responsible integration cost is included as part of the Comprehensive Annual Maintenance Contract (CAMC) cost for the Command and Control Center (CCC). There are no additional charges for integrations, as outlined in the Statement of Work (SOW).
    4. The bidder is responsible for ensuring that all equipment within the Command and Control Center (CCC) is included in the monitoring mobile application and software. Furthermore, the vendor is accountable for all aspects of the Comprehensive Annual Maintenance Contract (CAMC) for the CCC over a period of five years.



5. Operation and Maintenance of all the hardware (IT & Non-IT) and software inclusive of cables and all other applicable accessories required for successful Comprehensive Annual Maintenance Contract (CAMC) and maintain SLA.
  - 5.1. Rectification / replacement (as per requirement) of faulty cables (CAT, power cables etc.) and all types of patch cords in field and data center along with all ancillary accessories. For cables installed in field, selected bidder will be responsible to rectify / replace the cables with the same methodology through which it was installed earlier. For ex.: underground (UG) laid cables will be maintained with UG method only. VSCDL may allow temporary change of installation method (for ex. Aerial) considering the field restrictions / challenges in terms of permission availability, technical feasibility etc. at its own discretion for maximum time of 20 days. SI will have to update temporary work with permanent method within 20 days failing which penalty of INR 2,000/- per day will be levied to SI.
  - 5.2. Replacement of faulty IT & Non-IT equipment along with all ancillary accessories with the existing / new make (brand) with matching / higher specifications (that must be approved by VSCDL before installation) which must be compatible with other network hardware & software components in all technical & functional aspects of integration to ensure successful working of the entire network / system with at least earlier level of accuracy. All cameras provided as a replacement of faulty camera should be ONVIF supported.
  - 5.3. CCC all Electrical Power involves the MGVCL connections and billings, which are paid by the vendor and then claimed by VSCDL, all ICC (CAMC) MGVCL connections by payment to the vendor.
  - 5.4. The bidder bears the responsibility of guaranteeing that in the event a device or Original Equipment Manufacturer (OEM) is determined to be non-repairable, swift action is taken to replace it within a specified timeframe of 72 hours. This entails prompt identification of the non-repairable item, coordinating procurement or sourcing of a replacement, and ensuring its installation or integration into the system within the stipulated 72-hour window. This proactive approach aims to minimize downtime, maintain operational efficiency, and fulfill contractual obligations to provide uninterrupted service to the client.
  - 5.5. Maintaining sufficient number of licenses with subscription for support for all the software (existing / latest version of new product matching / higher specifications) as per project requirement for required number of network elements, creation of login credentials for required number of users etc. Presently, below mentioned indicative licenses are currently in use in the VSCDL –ICCC Project. Selected SI is required to maintain the current set of licenses and up-gradation of licenses, if required during the project O&M. Further, in case if any upgrades are required to be procured for expansion / alteration / replacement of any existing hardware / software, the selected SI has to procure it at no additional cost to VSCDL. Select SI should renew/purchase all existing licenses for 5 years after receiving of work order within one month. Below is the license details

License Details						
S.No.	Type of license	Make	Model	CCC	ZT	Total
1	Video Wall Management Software	DELTA	ICON Pro	1	0	1
2	Access Control System for CCC Building (including DC Area)	Matrix	Matrix	1	0	1
3	Enterprise Management System (including SLA Management, Helpdesk Management, Network Management, BMS)	HP	Microfouce	1	0	1
4	Anti-virus Software for Servers	Trend Micro	Deep Security –Malware Prevention	20	0	20
5	Anti-virus Software for Servers	Trend Micro	Deep Security –Malware Prevention	0	20	20
6	Backup Software	HP	Data Protector Starter Pack Windows E-LTU -01 Data Protector On-line Backup for Windows E-LTU-16 DP drive ext UNIX/NAS/SAN E-LTU -02 Data Protector Granular Recovery Extension SW E-LTU -14	1	0	1
7	CCC Software - Base License Cost - CCC Users (In Addition to Existing CCC User Licenses)	IBM_IOC	IBM_IOC	1	0	1
8	CCC Software - Base License Cost - Mobile User	IBM_IOC	IBM_IOC	1	0	1
9	CCC Software - Sensor/Devices License Cost	IBM_IOC	IBM_IOC	1	0	1
10	Virtualization Software	VMWARE	Vmware Vsphere 6 standard-20 Vmware Vcenter Server-1	20	0	20
11	Virtualization Software	VMWARE	Vmware Vsphere 6 standard-20 Vmware Vcenter Server-1	0	8	8
12	RDBMS Licenses	Microsoft	Microsoft@SQLSvrEnterpriseCore 2017 Sngl OLP 2Licenses LevelC CoreLic	2	0	2
13	RDBMS Licenses	Microsoft	Microsoft@SQLSvrEnterpriseCore 2017 Sngl OLP 2Licenses LevelC CoreLic	0	2	2
14	Video Management System	Videonetics	Videonetics	250	0	250
15	Video Management System	Videonetics	Videonetics	0	324	324
16	Video Analytics	Videonetics	Videonetics	175	0	175
17	Video Analytics	Videonetics	Videonetics	0	260	260
18	ATCS Software Solution	CMS	TraffView	1	0	1
19	Public Address System Software	CMS	CMS	1	0	1
20	Emergency Calling Box Software	CMS	CMS	1	0	1
21	Variable Messaging Signage System Software	CMS	CMS	1	0	1
22	DRM (DC-DR Sync) Software	ESCD/IBM	IBM Resiliency Orchestration	1	0	1
23	Environmental Sensor & Rain sensor	PAQS	PAQS Environmental Sensor	8	0	8
24	IBM APPLICATION	IBM	IBM Intelligent Operations Center Interim Fix PO08144	IBM Intelligent Operations Center 5.2.0	BUILD:- 20190426-1312	
25	ATCS APPLICATION	CMS	License No : CMS-ATCS-LIC-1010	Version:- 0.6.12		
26	VMD APPLICATION	CMS	License No : CMS-VMS-LIC-1010	Version:- v1.0.317		
27	ECB APPLICATION	CMS	License No: CMS-ECB-LIC-1010	Version:- 1.9.25		
28	PA APPLICATION	CMS	License No: CMS-PAS-LIC-1010	Version:- 1.9.25		

Deployment of competent project team including field Comprehensive Annual Maintenance Contract (CAMC) team and back office technical teams.

1. Adherence to required SLA / uptime for all hardware & software components as described in this RFP. Selected SI will have to submit reports from NMS application in pdf and excel / csv formats.
2. Obtaining the required RoW/Permissions from the authorities/local bodies including preparation of all required documentation for the same and submission to the office of the authorities. However, VMC/VSCDL will provide adequate assistance/support as and when required.
3. Coordination with other vendors and internal / external stakeholders of the project for successful Comprehensive Annual Maintenance Contract (CAMC) O&M of the infrastructure.
4. Bidders are required to collaborate and support in terms of sharing of data, manpower, infrastructure, technology and other details with other agencies appointed by VSCDL.
5. Update in existing dashboards as per the requirement of the project and guideline provided by VSCDL. Selected bidder will have to deploy concerned manpower/team as mentioned in the BoQ.
6. Integration of any new APIs to integrate the existing systems with any new proposed system in future (Timeline for the development & testing will be mutually decided by VSCDL, selected bidder & new bidder).
7. Preparation of daily, weekly, monthly project reports as per the requirement of the project and guideline provided by VSCDL.
8. Maintaining / updating the existing project documents (network design documents / drawings, as-build drawings, reports, databases etc.) as per any changes that happen in the network infrastructure.
9. Preparation of new project integration documents (network design documents / drawings, as-build drawings, reports, databases etc.) as per project requirement.
10. Attending all the meetings by competent project team members of the selected bidder at the prescribed office location as conveyed by VSCDL.
11. In pursuit of best technological result, bidders are encouraged to provide same / new make of the existing products by ensuring that the functional / technical specifications are either same or better. Further, all the changed make shall be approved by VSCDL before they are deployed. The bidders have to ensure that the quoted make is compliant to the existing technology and affiliate infrastructure and capable of delivering the mentioned SLAs.
12. Bidder will have to provide security check certificate for new equipment installed to confirm that the equipment is hacked proof.
13. Bidder will have to conduct cyber security assessment every year including VAPT (Vulnerability Assessment and Penetration Testing) through CERT-IN certified agency for entire network including software & applications and will have to resolve

identified vulnerabilities. The selected CERT-IN certified agency will be approved by VSCDL before onboarding.

14. The refurbished / repaired items shall not be supplied & installed either on temporary or permanent basis. Repairs are only permitted for the currently installed items.
15. Existing Go-Live dates differ for various subsystems of the ICCC & ZT project and the scope will be included under new contract after completion of 5 years from the current Go-Live date. VSCDL shall validate back to back OEM support agreement duration with the incumbent SI till completion current project date, if any discrepancy observed the scope shall be foreclosed and included in the new contract.

### **Asset Management Services:**

1. Successful bidder has to create and maintain database of all items like cameras, poles, sensors etc. covered in this project as per following details:
2. The database should have information of hardware equipment like make, model, configuration details, serial numbers, licensing agreements, place of installation etc.
3. The database should have information of software inventory with information such as Licenses, Version Numbers and Registration Details along with their configuration details and history.
4. Successful bidder has to keep record installation, removal and replacement of any equipment and submit to CLIENT's designated authority, even if it is temporary. All entry and exit of assets shall be recorded and report of same shall be provided to CLIENT's designated authority on end of month.
5. Successful bidder has to ensure availability of 24x7x365 video feed / signals from all cameras and sensors during contract period. In case of any camera / sensor / pole etc. being stolen / broken, successful bidder has to bring in notice of CLIENT's designated authority for necessary further actions at VSCDL end as security of end point devices will be VSCDL's responsibility.

### **2.2. Preventive Maintenance Services:**

Successful bidder has to provide preventive maintenance services for all equipment's (IT as well as non-IT) covered in project at least once in a quarter or as per requirement. The preventive maintenance shall include (but not limited) as stated below:

1. Cleaning and removal of dust and dirt from interior and exterior of equipment (like camera lenses etc.)
2. It is the responsibility to make sure that CCC shall be properly aligned and organized in a decent manner at any point of time.
3. Conduct inspection (check for loose contacts in cable and connections etc.), testing, satisfactory execution of diagnostics and necessary troubleshooting of equipment.
4. Successful bidder has to intimate and take approval of GM (IT) – VSCDL before carrying out preventive maintenance activity.

5. Successful bidder has to maintain item-wise register of completed preventive maintenance activity. As well as corrective maintenance services
6. Successful bidder has to maintain proper file / register of all incidents and problems occurred in ICCC and at field locations and subsequent corrective steps taken. Documentation of problems, isolation, and cause and rectification procedures for building knowledge base for known problems shall be maintained by successful bidder.
7. ICCC all Electrical Power involves the MGVCL connection and billing, which are paid by the vendor and then claimed by VSCDL, CCC MGVCL connections by payment to the vendor.
8. Prompt attendance and compliance or any complain of any CCTV Camera/traffic signal/Sensors/Junction Box etc given by VSCDL/VMC Staff or from Traffic Police Staff.
9. Site visit by technician of all the junction/field locations on specified scheduled intervals and he should get the signature of traffic police staff in his diary. The diary shall be submitted to the Engineer-in-charge of the VSCDL/VMC as and when asked.
10. In case of emergency, the SI should attend the site immediately.
11. The SI has to carry out Replacement/Maintenance of the field devices within specified SLA duration, from the receipt of the complaints.
12. Periodical checking and cleaning of all field equipment such as Camera, ANPR systems, Sensors, LED Signboards/Display boards, Controllers, signal head, Signal Lamps, its accessories specifically the cleaning of reflector and polycarbonate glass should be done fortnightly.
13. Checking & tightening of cable terminals, replacement of wiring of field poles and to attend cable faults.
14. Painting of all poles, signal heads and junction boxes etc. once a year with approved/specified colour as directly by Engineer-in-charge.
15. Muffing of poles should be done as and when suggested by Engineer-in-charge.
16. Traffic signal shall be programmed (when operating in Non ATCS Mode) as per instruction of traffic Police Department and it shall be informed to the VSCDL/VMC.
17. Contractor shall submit programmed of traffic cycle including Sundays & Holiday to the VSCDL/VMC.
18. Date wise fault attend, material replaced and replacement of accessories statement shall be prepared fortnightly and submit monthly in the Performa prepared by the department.
19. Non availability of electric power at signals should be immediately informed to Engineer-in-charge and concerned sub division of electric utility company.
20. Project Manager or other Senior level Officer of SI shall take joint round of all field devices with the Engineer of the VSCDL/VMC as and when required or at every two months.
21. No Extra charge will be paid to SI on account of any additional material and labour.
22. The successful bidder must take all precautionary measures to safe guard life of residents/citizens/pedestrian.
23. Poster, Banner or any advertisement will not be allowed on any field device or poles (unless, the contractor shall take enough care in this regard).

### **2.3. Hand over – Takeover of the entire network by selected SI from existing SI**

1. VSCDL will ensure that existing SI will be available with his entire present team (both field staff as well as back-office staff) for maximum 1 month from the issue of WO to selected SI for the purpose of smoothly carrying out HOTO activities.

2. Selected SI will be responsible to define the detailed plan of action for takeover of the network in consultation with existing SI & VSCDL such that the operation of the network is not impacted.
3. VSCDL in consultation with existing SI will facilitate to provide latest information, documents & reports to selected bidder. If selected bidder requires any further information / details from existing SI, a joint exercise will need to be carried out amongst VSCDL, existing SI & selected SI and it will be attempted for closure within reasonable time within 1 month of HOTO period.
4. If selected SI has taken an approach to change any hardware / software component of the project, then they will have to prepare detailed service migration plan in consultation with VSCDL & existing SI, get the migration plan approved from VSCDL and then implement the plan. Selected SI will have to ensure that functional output of the system is not impacted for more than 24 hours during service migration. For the purpose of establishing parallel set up of any software application / database, VSCDL will provide IT resources (compute power & storage) in the existing data centre.
5. It will be selected SI's responsibility to check the compatibility of new hardware / software component with existing hardware / software component in all technical & functional aspects of integration and data migration to ensure successful working of the entire network / system with at least earlier level of accuracy.
6. For ex.: If selected SI is bringing in new VMS software application, then selected SI will first install & commission new application in existing data center IT test environment. Selected SI in consultation with existing SI and with approval of VSCDL will do necessary reconfiguration in network components to get the parallel video feed from ANPR cameras to new VMS without impacting the existing set up of cameras & existing VMS system and will have to play video feed on new VMS for multiple cameras. The video feed viewing and management console of new VMS is found equivalent or better compared to existing application, then existing application will be removed after taking necessary approvals of all the concerned stakeholders. Selected SI will have to ensure compatibility of new application with existing database (if SI choose to continue with existing database) or selected SI will have to ensure database migration from existing database to newly proposed database and successful functioning of the entire system with at least earlier level of accuracy. Similar approach will be taken for all the newly proposed systems.

## 2.4. Manpower deployment

Selected bidder will have to deploy below mentioned minimum manpower for entire contract duration.

Designation	No.	Roles & Responsibilities	Desired Qualification
<b>Project Manager</b>	<b>1</b>	<ul style="list-style-type: none"> <li>Overall in-charge of Project Implementation, Comprehensive Annual Maintenance Contract (CAMC) of the complete project infrastructure.</li> <li>Coordinating with third party agencies, bandwidth operators and software/equipment's vendors.</li> <li>Should be the single point contact (SPOC) for managerial responsibilities and direct interface with SCDAL.</li> <li>Responsible for ensuring timely delivery of deliverables for each of the project components.</li> </ul>	<ul style="list-style-type: none"> <li>BE /B. Tech (CS or IT) /M.Tech/MBA/ PMP</li> <li>10+ Years of Post Qualification Experience in large scale ICT infrastructure projects.</li> <li>Relevant Exp.: 5+ Years of experience as a project manager of large-scale ICT infrastructure or WAN/MAN Projects.</li> </ul>
<b>Technical Expert - Network and Security</b>	<b>1</b>	<ul style="list-style-type: none"> <li>Responsible for overall management of the IT Infrastructure of the project</li> <li>Should be responsible for effective Technical Resource management, System &amp; Resource planning, based on business forecast</li> <li>Responsible for overall deployment, Integration, upkeep and maintenance of all the IT components including hardware, software, Databases etc.</li> </ul>	<ul style="list-style-type: none"> <li>BE /B. Tech (EC) with CCNP /CCNA</li> <li>7+ Years of Post Qualification Experience in large scale ICT infrastructure projects.</li> <li>Relevant Exp.: 3+ Years of experience as a network manager of large-scale ICT infrastructure WAN/MAN Projects.</li> </ul>

Designation	No.	Roles & Responsibilities	Desired Qualification
<b>Technical Expert - Video Management</b>	1	<ul style="list-style-type: none"> <li>Responsible for managing the end to End Video Management software and services.</li> <li>Expert in generation of various MIS Reports on regular basis or on demand.</li> <li>Should act as a technical software expert handholding employees working on software and perform required trouble shooting activities</li> <li>Need to configure/re-configure smart utilities on the software and dashboard</li> </ul>	<ul style="list-style-type: none"> <li>BE /B. Tech (EC/CS/IT)</li> <li>5+ Years of Post Qualification Experience, Mainly 3 years in surveillance projects.</li> <li>Should have working experience of proposed or similar VMS Software</li> </ul>
<b>Technical Expert - Server and Storage</b>	1	<ul style="list-style-type: none"> <li>Backup of operating system, database and application as per stipulated policies.</li> <li>Monitoring and enhancement of the performance of scheduled backups, schedule regular testing of backups and ensure adherence to related retention policies.</li> <li>Ensuring prompt execution of on demand backups of volumes, files and database applications whenever required.</li> <li>Real-time monitoring, log maintenance and reporting of backup status on a regular basis. Prompt problem resolution in case of failures in the backup processes.</li> <li>Media management including, but not limited to, tagging, cross referencing, storing, Retrieving, archival logging, testing, and vaulting in fire proof cabinets.</li> <li>Management of virtual machines</li> <li>Resource allocation for any new requirement</li> <li>Resource reconfiguration as per requirement</li> </ul>	<ul style="list-style-type: none"> <li>BE/B.Tech/MCA in computer science/ IT</li> <li>5+ years of Post Qualification experience</li> <li>3 years of experience in manage HP servers</li> <li>3+ years of experience in NAS/ SAN or TMS backup environment</li> <li>3+ years of experience in designing &amp; implementation of DC/DR on virtualization and Physical environment</li> </ul>



Designation	No.	Roles & Responsibilities	Desired Qualification
<b>CCC Software Expert/ Implementer</b>	<b>1</b>	<ul style="list-style-type: none"> <li>Overall In-charge Operation and Maintenance of CCC.</li> <li>Co-ordination with various stakeholders / agencies for resolution of issues/problems etc.</li> <li>Responsible for end to end functioning and uptime of CCC and its related infrastructures</li> </ul> <p>Should have fundamental comprehension across areas such as Command and Control Centre Operational Software, Network Infrastructure, CCTV/Surveillance, Security management, ERP, Citizen Portal, Mobile Applications, integration of Third Party Shared Services, Wifi, Smart (IOT) Devices/Sensors etc.</p>	<ul style="list-style-type: none"> <li>BE /B. Tech (EC/IT)/ MBA</li> <li>7+ Years of Post Qualification</li> <li>Experience in large scale ICT infrastructure projects.</li> <li>Relevant Exp.: Must have an experience of managing command and control center experience of at least three projects in the area of Command and Control Centre, CCTV, Smart Sensors and Citizen Portal/Apps.</li> </ul>
<b>DC Electrician</b>	<b>4</b>	<ul style="list-style-type: none"> <li>Installation, maintenance, and repair of electrical systems within the data center environment.</li> <li>Ensure continuous and reliable power supply to critical equipment.</li> <li>Adherence to safety protocols and standards at all times.</li> <li>Conduct regular inspections of electrical infrastructure.</li> <li>Promptly address and troubleshoot any electrical issues or failures.</li> <li>Document all work performed, including maintenance activities and repairs.</li> <li>Respond to emergency situations promptly and efficiently.</li> <li>Collaborate with other team members to ensure smooth operations.</li> <li>Stay updated on industry trends and best practices in data center electrical systems.</li> <li>Support the implementation of new projects and upgrades as needed.</li> </ul>	<ul style="list-style-type: none"> <li>H.Sc. Pass + ITI Electrician Course or Equivalent or higher</li> <li>2 year experience in similar electrical works</li> </ul>
<b>Field Manpower</b>	<b>8</b>	It is up to selected bidder to plan field manpower / teams to fulfill all the terms & conditions UP time of the RFP.	

**Note:**

1. The SI shall not replace any of the proposed resources during the contract period without prior approval from VSCDL.
2. Any change, except for the reasons not in control of the SI (like resignation by the resource or unavailability of the resource due to valid personal reasons – agreed by VSCDL) shall attract penalty of INR 50,000/- per event.
3. VSCDL reserves the right to ask for replacement of the resource on the ground of non-performance or any other issue by the existing resource.
4. Any replacement profile shall be equal or better in terms of Qualification and Experience and shall be subject to approval from VSCDL.
5. SI shall provide minimum 1 month for hand-over between the existing & replacement resource.
6. It is successful SI responsibility to provide lodging, boarding and transportation facilities of deputed manpower.
7. The entire financial liability in respect of manpower deployed for this project shall be of SI and CLIENT will in no way be liable.
8. The stipulation mandates that personnel must be available onsite 24/7 to fulfill obligations under the Comprehensive Annual Maintenance Contract (CAMC) for the Command and Control Center (CCC). The vendor is fully responsible for managing all CAMC aspects for the CCC over five years. This includes ensuring skilled manpower is readily accessible to promptly address maintenance and emergencies, thereby ensuring smooth CCC infrastructure operation throughout the contract.
9. For all intents and purposes, successful Bidder shall be “Employer” within meaning of different Labor Legislation in respect of manpower so employed and deployed for this project.
10. SI shall be solely responsible for redressal of grievances / resolution of disputes relating to persons deployed. CLIENT shall, in no way, be responsible for settlement of such issues whatsoever.
11. CLIENT shall not be responsible for any financial loss or any injury to any person deployed by bidder in the course of their performing the functions/duties, or for payment towards any compensation.
12. The persons deployed by SI shall not claim or be entitled to pay, perks and other facilities admissible to regular / confirmed employees of CLIENT during or after expiry of Contract.
13. In case of termination of contract on its expiry or otherwise, persons deployed by successful bidder shall not be entitled to and will have no claim for any absorption in regular / contractual / FMS payroll to CLIENT.
14. Successful Bidder will be responsible for compliance of all statutory provisions relating to Minimum Wages, Provident Fund and Employees State Insurance etc. in respect of persons deployed. CLIENT shall have no liability in this regard. In case, successful bidder fails to comply with any statutory / taxation liability under appropriate law, and as a result thereof

CLIENT is put to any loss / obligation, monetary or otherwise, CLIENT will be entitled to get itself reimbursed out of outstanding bills or the Security Deposit of bidder to extent of loss or obligation in monetary terms.

15. Filed manpower should be equipped with man lifting vehicle, 24x 7 Patrolling for entire Route Patrolling Vehicle, Patrolling, Splicing team, Fuel, Splicing Machine, OTDR, Road-o meter.
16. The bidder is tasked with upgrading 36 VMD/VMB controllers to incorporate functionalities like live streaming, URL integration, YouTube links, and additional features.
  - The bidder holds the responsibility of enhancing the functionality of 36 VMD/VMB controllers by integrating various features, including live streaming, URL integration, and support for YouTube links, among others. This upgrade is intended to elevate the performance and adaptability of the controllers to better align with the project's requirements and demands. The bidder is required to seamlessly integrate these features into the controllers, ensuring thorough testing to guarantee optimal functionality and performance after the upgrade. Furthermore, they are expected to furnish necessary documentation and extend support services to facilitate the smooth transition and utilization of the upgraded controllers, all without incurring any additional cost or commercial burden to the project.

### 3. Eligibility criteria

#### 3.1. Eligibility Pre-Qualification Criteria

Following will be the minimum qualification criteria. Each eligible service provider should possess all the following qualification criteria. Responses not meeting the minimum qualification criteria will be rejected.

#	Pre-Qualification Criteria	Proof Document Required
1.	(i) The bidder should be an Indian firm. (ii) The bidder should be registered under the Companies Act 1956/2013 in India or a Limited Liability Partnership Firm under Limited Liability Partnership Firm Act 2008 at the time of the bidding (iii) The bidder should have a registered number of, GST, Income Tax / Pan number	<ul style="list-style-type: none"> <li>• Certificate of Incorporation / Registration Certificate</li> <li>• Copy of PAN card</li> <li>• Copy of GST registration</li> </ul>
2.	The bidder should have a minimum average annual turnover of INR 9 crores from ICT/IT/ITES Projects in last three (3) financial years (i.e. FY 2020-21, 2021-22 and 2022-23 or FY 2021-22, 2022-23 and 2023-24 (non-audited))	The Sole Bidder 1. Audited balance sheet of the firm/bidding entity for the last three financial years (i.e. FY 2020-21, 2021-22 and 2022-23) certified by statutory auditor. OR Audited balance sheet of the firm/bidding entity for the two financial years (i.e. FY 2021-22 & 2022-23) certified by statutory auditor and non-audited & CA certified balance sheet for FY 2022-23 2. Certificate from the Statutory Auditor on turnover details from ICT/IT/ITES over the last three 3. financial years – Refer format given in Annexure

#	Pre-Qualification Criteria	Proof Document Required
3.	<p><b>Similar Work:</b> The Bidder should have demonstrable experience in supply, installation, testing &amp; commissioning (SITC) /maintenance of at least 3 of the below mentioned 5 components in the last five years as on bid submission date (WO must have been issued within last 5 years), in Municipal Corporation/ Central / State/ Semi Govt.</p> <ul style="list-style-type: none"> <li>i. ICCC with software, video analytics</li> <li>ii. Surveillance solution</li> <li>iii. Data Centre (on premise / cloud) and associated infrastructure &amp; software</li> <li>iv. IT-ITES software development, AI and Dashboard</li> <li>v. IoT sensors and ICT solutions like PA system, ATCS, ANPR, VMD.</li> </ul> <p>Bidder should submit three completed work costing not less than the amount equal to <b>40%</b> of the estimated cost of 26 Cr.</p> <p style="text-align: center;"><b>OR</b></p> <p>Bidder should submit two completed work costing not less than the amount equal to <b>50%</b> of the estimated cost of 26 Cr.</p> <p style="text-align: center;"><b>OR</b></p> <p>Bidder should submit one completed work costing not less than the amount equal to <b>80%</b> of the estimated cost of 26 Cr.</p> <p>(If the value of completed work is not mentioned in work completion certificate / if the WO comprises of multiple activities, then bidder will have to provide necessary supporting documents to prove the required experience). The bidder should submit a certificate from client on completion status of on-going project and performance of bidder.</p>	<p>The Bidder</p> <p>In case of Completed project –</p> <p>Copy of work order + CompletionCertificates from client+ Project Citation;</p> <p style="text-align: center;"><b>OR</b></p> <p>Copy of Work Order + Self Certificate of Completion (Certified by CS/independent auditor of the bidding entity) + Project Citation</p> <p>In case of ongoing projects -</p> <p>Work order + Certificate from the client mentioning the amount of work completed + Performance certificate of the bidder from the client.</p>

4.	<p><b>The bidder should:</b></p> <ol style="list-style-type: none"> <li>1. Not have been blacklisted by Central Government / Any State Government / Urban Local Body (ULB) /PSU in India as on the date of bid submission.</li> <li>2. Not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of the foregoing reasons.</li> <li>3. Not have their directors and officers convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications to enter a procurement contract within a period of three years preceding the commencement of the procurement process, or not have been otherwise disqualified.</li> </ol>	<p>Declaration letter by bidder as per the format given in the RFP document</p> <ol style="list-style-type: none"> <li>1. Self-declaration by the Bidder duly signed and stamped by the authorized signatory in format described in RFP.</li> <li>2. Copies of any two of the followings for office: Property Tax / Electricity / Telephone Bill / GST Registration /Lease agreement</li> </ol>
5.	<p><b>The Bidder</b> should possess at least one distinct certification from any of the below Certifications (validat the time of bidding):</p> <ul style="list-style-type: none"> <li>• CMMI- Process Level 3 and ISO/IEC 20000</li> </ul> <p>Or</p> <ul style="list-style-type: none"> <li>• CMMI- Process Level 5 and ISO 9001:2015/ ISO 27001:2022 for Information Security Management Systems</li> </ul>	<p>Copies of valid certificates in the name of the bidding entity</p>

#### INSTRUCTIONS TO BIDDER:

- i. All above mentioned documents for pre-qualification criteria of bid must be notary certified true copy/ self-attested.
- ii. Work Order and Work Completion Certificate must be in English language only. In case, Work Order or Work Completion Certificate is in any other language, bidder has to submit notarized Work Order in English language only.
- iii. For Pre-qualification criteria of work experience, bidder's any work experience as lead member / consortium member / joint venture / sub-contractor will not be considered as supporting documents
- iv. Above mentioned eligibility criteria should be necessarily met and adequate documentary proof be submitted for verification. If any / partial / all of above mentioned eligibility criteria don't fulfill by bidder, in that case, such bid is disqualified for technical bid opening.
- v. Bidders are requested to submit all supporting documents required.
- vi. Physical bid must be submitted by registered AD or speed post only. Any other mode is not allowed.

- vii. Bid must be spiral bound without which bid will be straight way rejected. In case, bid / document size is large then bidder can divide it into parts. Each part of bid should have proper indexing and page number mentioned and all pages of RFP must be signed and sealed.
- viii. The Bidder must attach valid documents in support to their Pre-Qualification as mentioned above. Without proper supporting documents, the bid proposals are liable to be rejected. The technical proposal should be submitted in hard copy with soft version stored in pen drive.
- ix. For all cited projects under bidder's experience criteria; the bidders have to submit LoI/work order with full BoQ, contract agreement go-live/amount of work completion certificate and copy of invoice submitted to the client as a supporting document for each project.
- x. The bidder needs to provide contact detail (email & phone number) of senior official from client.
- xi. VSCDL (or the nominated party) reserves the right to check/validate the authenticity of the information provided in the Pre-qualification and Technical evaluation criteria.
- xii. The Bid Evaluation Committee (BEC) may require written clarifications from the bidders to clarify ambiguities and uncertainties arising out of the evaluation of the Bid documents.
- xiii. If there is tie for L1 then in such case, those bidders shall be called at VSCDL premises for physical Reverse Auction (RA). Bidders have to fill revised project cost in a cover provided by VSCDL. This price shall be less than quoted L1 price. VSCDL will open all covers in presence of bidders' representative and announce revised pricing of each bidder. Then after, one more attempt will be given to each bidder to announce revised price. The bidders who declare the lowest quote post RA will be declared as Successful bidder.

#### **4. Service Level Agreement (SLA) & Penalties**

- 100% SLA with associated penalty will be applied from 1<sup>st</sup> quarter onwards till the end of the contract period.
- These SLAs shall be used to evaluate the performance of the services on monthly basis but penalties would be levied for cumulative performance for the quarterly basis.
- The SLA parameters shall be measured for each of the sub systems' SLA parameter requirements and measurement methods, through appropriate SLA Measurement tools. All such required tools should be provided by the successful bidder. VSCDL will have the authority to audit these tools for accuracy and reliability.
- Penalty would be levied for every unit down time hour – be it for non-availability of network or non- availability of power etc. because the System Integrator is responsible for supply of all enabling components on end-to-end basis.
- Penalty levied for non-performance as per SLA requirements shall be deducted through subsequent payments due from VSCDL or through the Performance Bank Guarantee.
- The upper limit of penalty would be capped at 10% of the OPEX value for each quarter. In case the calculated penalty crosses 10% penalty of the OPEX value in 2 subsequent quarters, the penalty cap for the third quarter onwards, for each quarter will increase by 5% over the penalty cap for the preceding quarter till it reaches 20% of the OPEX value.
- In addition to the applicable penalty, the VSCDL shall be within its rights to invoke the termination clause if or anytime the penalty increases by 15% of the OPEX value. Once the penalty cap has increased beyond 10%, if the bidder through better performance delivery for any quarter brings the leviable penalty below 20% then the computation of the 1<sup>st</sup> of the 2<sup>nd</sup> consecutive quarters as referred above will reset and will begin afresh.
- VSCDL would also have right to invoke the termination clause in case Performance Score is below 70 in 2 consecutive quarters.



**4.1. SLA uptime / reachability of all types of active equipment (those are printable devices with unique IP address) – for which SI is responsible**

#	Performance Area	Base line		Lower Performance		Breach	
		Metric	Points	Metric	Points	Metric	Points
1. Field Devices – IoT Devices – Uptime							
a.	CCTV Cameras (irrespective of network/power/etc. issues)	>= 99.5%	5	< 99.5% to >= 98%	2.5	< 98%	0
b.	Traffic Signal Aspects (irrespective of cabling/power etc. issues)	>= 99%	5	< 99% to >= 97%	2.5	< 97%	0
c.	Traffic Signal Controller (irrespective of network/cabling/ power/etc. issues)	>= 99%	5	< 99% to >= 97%	2.5	< 97%	0
d.	Smart Sensors (irrespective of network/power/etc. issues)	>= 99%	5	< 99% to >= 97%	2.5	< 97%	0
e.	Automatic Number Plate Recognition System (ANPR) (irrespective of network/power/etc. issues)	>= 98%	5	< 98% to >= 96%	2.5	< 96%	0
f.	Public Address System (irrespective of cabling/power/ etc. issues)	>= 98%	5	< 98% to >= 96%	2.5	< 96%	0
g.	Emergency Call Box (irrespective of cabling/power/ etc. issues)	>= 98%	5	< 98% to >= 96%	2.5	< 96%	0
h.	Variable Message Signage System (irrespective of network/ power/ etc.issues)	>= 98%	5	< 98% to >= 96%	2.5	< 96%	0
2. Application Performance (includes any user/system application related to the project)							
a.	Overall Application(s) Availability – Command & Control	>=99%	5	<99% to >= 97%	2.5	< 97 %	0
b.	Reports Generation Response Time (Alerts/MIS/Logs etc.)	Simple query: <= 5 secs. Medium complexity query:<= 30 secs. High complexity query: <= 1 min.	3	Simple query: > 5 secs to <= 10 secs Medium complexity query: > 30 secs to <= 60 secs High complexity query: > 1min. to <= 2 mins.	1.5	Simple query: > 10 secs Medium complexity query: > 60 secs High complexity query: > 2 mins.	0
c.	Time for successful modification of settings of field devices	<= 4 secs	2	> 4 secs to <= 6 secs	1	> 6 secs	0
d.	Time for retrieving data from the storage	<= 4 hrs.	2	> 4 hrs. to <= 6 hrs.	1	> 6 hrs.	0
3. Video Analytics Performance							
a.	ANPR for standard Roman number plate (3 wheelers & above)	>= 80%	2	< 80% to >= 60%	1	< 60%	0
b.	ANPR for non- standard Roman number plate (3 wheelers & above)	>= 60%	2	< 60% to >= 40%	1	< 40%	0
c.	ANPR for standard Roman number plate (2 wheelers)	>= 80%	2	< 80% to >= 60%	1	< 60%	0

d.	ANPR for non- standard Roman number plates (2 wheelers)	>= 60%	2	< 60% to >= 40%	1	< 40%	0
e.	Any other analytics (SLA to be defined in discussion with successful bidder)	>= 80%	2	< 80% to >= 60%	1	< 60%	0
4. Network Performance							
a.	Latency (Device only)	<= 50 ms	2	> 50 ms to <= 75 ms	1	> 75 ms	0
b.	Packet Loss (Device only)	<= 0.5%	2	> 0.5% to <= 1%	1	> 1%	0
5. End-User Equipment Uptime							
a.	Monitoring workstations at Command Centres	>= 99%	5	< 99% to >= 96%	2.5	< 96 %	0
b.	IP Phones	>= 98%	2	< 98% to >= 96%	1	< 96 %	0
6. Underlying IT Infrastructure Uptime/Availability at Data Centre							
a.	Production Servers	>= 99.95%	5	< 99.95% and >= 99.5%	2.5	< 99.5%	0
b.	Storage System	>= 99.95%	5	< 99.95% and >= 99.5%	2.5	< 99.5%	0
7. Security/Patch Services for IT Infrastructure							
a.	Firewall and any other security appliance uptime	100%	5	<= 99.99% to >= 97%	2.5	< 97%	0
b.	Security rules update within 2 hours of approved change management request	0 violations of service parameters	2	1 – 4 violations	1	> 4 violations	0
c.	Anti-virus, Anti- spyware, Anti-spam updates within 24 hrs. of request	0 violations of service parameters	2	1 – 4 violations	1	> 4 violations	0
d.	Critical patches – within 48 hours of patch release	0 violations of service parameters	2	1 – 4 violations	1	> 4 violations	0
e.	Non-critical patches –within 15 days of patch release	<= 1 violation of service parameters	2	2 – 5 violations	1	> 5 violations	0
f.	Resolution of issue	<= 8 hrs. (Critical issue)	2	> 8 hrs. and <= 12 hrs. (Critical issue)	1	> 12 hrs. (Critical issue)	0
		<= 16 hrs. (Medium issue)		> 16 and <= 24 hrs. (Medium issue)		> 24 hrs. (Medium issue)	
		<= 4 days (Low issue)		> 4 and <= 8 days (Low issue)		> 8 days (Low issue)	
8. Change Requests (CR)							
a.	Change Requests for changes in existing/ already deployed modules	<= T weeks (Critical Change)	2	> T weeks and <= T+1 weeks (Critical Change)	1	> T+1 weeks (Critical Change)	0

		<= T+1 weeks (Medium Change)		> T+1 weeks and <= T+2 weeks (Medium Change)		> T+2 weeks (Medium Change)	
	* T is the timeframe for completion of the Change Request as <b>agreed upon by VSCDL and SI</b>	<= T+2 weeks (Low Change)		> T+2 weeks and <= T+3 weeks (Low Change)		> T+3 weeks (Low Change)	
	<b>Total Score</b>		<b>100</b>		<b>50</b>		<b>0</b>

#### 4.2. Software support – for which SI is responsible

Any Software bug / application related issue identified by VSCDL / any stakeholder will be classified in 3 types:

- Priority # 1: System outage/ performance related issue affecting the overall functionality of the application. For ex.:
  - Entire application is down / end users are not able to log into the application.
- Priority # 2: Partial impact on the day-to-day functioning of the deployed system / application. For ex.:
  - Availability of few modules of the application & some of the modules are not working properly / having issues (part functionality of the application)
  - Unable to provide / fetch the necessary parameters / details to other software system (issues in functioning of APIs) etc.
- Priority # 3: No direct impact on the day-to-day functioning of the deployed system. For ex.:
  - Providing resolution for all the observations / vulnerability captured in VAPT / other audit.
  - Any other minor issue not impacting the day-to-day functioning of the deployed system / application as raised by end user.

Resolution time & the penalty component for the bug fixing / issue resolution is given below (applicable on 24 \* 7 basis):

Type of Issue	Resolution time (from the time of reporting of incident in the system or ticketing tool)	Penalty amount (exceeding resolution time)
Priority #1	4 hours	INR 10,000/- (per hour)
Priority #2	8 hours	INR 5,000/- (per hour)
Priority #3	24 hours	INR 1,000/- (for every 24 hour or part thereof)

**Note for clause – 4.2:**

1. There will not be any maximum ceiling for this penalty section. Actual penalty will be deducted from quarterly bill of selected SI.

<b>Definition</b>	Bidder is required to propose the CVs of the required technical manpower(as mentioned in Vol 2). It is vital that such manpower is available to VSCDL/VMC/End User Department and performs to the expected levels. The current SLA breach shall specify penalty amount for non-availability of these manpower.		
<b>Service Level Requirement</b>	Availability of the required manpower should be <b>100%</b> . SI to implement the biometric attendance system and share the attendance report of each person proposed as part of team on monthly basis with VSCDL.		
<b>Measurement of Service Level Parameter</b>	<p>Following instances would be considered as SLA non-compliances:</p> <ul style="list-style-type: none"> <li>• Replacement of a profile by the bidder (only one replacement per profile – with equal or higher qualification and experience – would be permitted per year)</li> <li>• Non-deployment of the profile for more than 1 month. Authority reserves the right to ask SI to replace (with equal or higher qualification and experience) the profile if the performance / commitment are not up to the mark</li> </ul> <p><b>Note:</b> Replacement due to reasons not in control of SI (like resignation of the resource, accident, etc.) would not be counted in the permissible 1 replacement.</p>		
<b>Penalty for Non-achievement of SLA Requirement</b>	For every SLA non-compliance reported and proved, there shall be a penalty as given below:		
	<b>Team Member</b>	<b>Penalty</b>	
	<b>Project Manager</b>	<ul style="list-style-type: none"> <li>• Penalty of INR 25,000 in 1<sup>st</sup> week of non-availability</li> <li>• Penalty of INR 50,000/week in 2<sup>nd</sup> week of non-availability and thereafter</li> </ul>	
	<b>Technical Experts</b>	<ul style="list-style-type: none"> <li>• Penalty of INR 2,500 per day of non-availability for 7 days</li> <li>• Penalty of INR 5,000 per day of non-availability after 7 days</li> </ul>	
	<b>For all other team members</b>	<ul style="list-style-type: none"> <li>• Penalty of INR 1,000 per day of non-availability</li> </ul>	

## 5. Payment Terms

### 5.1. Payment to selected SI for Comprehensive Annual Maintenance Contract (CMAC) of existing VSCDL-ICCC project infrastructure(OPEX)

- Successful bidder's request(s) for payment shall be made to CLIENT in writing accompanied by details of work executed, supported with evidence of accomplishment of the item wise work.

#### Payment of maintenance services:

- Payment of maintenance services will be released on quarterly basis.
- Successful bidder has to maintain and submit quarterly uptime reports (chart form as well as tabular form) duly signed by VSCDL authorized personnel and submit as a record to VSCDL. Along with invoice, successful bidder has to submit a report (chart form as well as tabular form) comprised of quarterly as well as daily uptime of individual Equipment's covered in project. This project shall be automatically generated through NMS deployed at CCC. Generated reports in any format (excel, pdf etc.) shall be compulsory matched with system data. This report shall be duly reviewed and approved by VSCDL authorized personnel.
- However, net quarterly payment will be released after deducting penalty calculated as per clauses mentioned in the SLA (Service Level Agreement).

Successful bidder has to submit followings documents along with quarterly invoice:

- Deputed manpower's attendance report duly signed by CLIENT's authorized person.
- Deputed manpower's salary transferred details with NEFT statement.

Payment Amount	Payment condition & DocumentaryEvidences to be submitted
100% of quarterly Opex charges (total derived from table – A of financial bid)	<ol style="list-style-type: none"> <li>1. Payment will be made upfront onsubmission of invoice.</li> <li>2. Payment will be made after verifying the invoice and supporting documents&amp; deducting all applicable penalties.</li> <li>3. Quarterly attendance report of all team members (field + back office)</li> </ol>

#### NOTE:

- The quarterly payment of manpower will be released only for nos. of days' presence in the concerned quarter on pro-rata basis (Approved leaves will be considered as paid leaves).
- The penalty mentioned in SLA clause for individual manpower profile will be applicable in addition to payment deduction on pro-rata basis for nos. of days' absence of individual manpower in the concerned quarter.
- The maximum cap of summation of all types of penalties will be of 10% of total quarterly invoicing amount.

## **6. Instructions to the bidder**

The VMC/VSCDL invites reputed firms to submit their proposals in accordance with conditions and manner prescribed in this Request for Proposal (RFP) document.

### **6.1. Availing RFP Documents**

RFP document can be downloaded from the web site (n) Procure (<https://tender.nprocure.com/>)

### **6.2. Completeness of the RFP Response**

Bidders are advised to study all instructions, forms, terms, requirements and other information in the RFP documents carefully. Submission of bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications. The response to this RFP should be full and complete in all respects. Failure to furnish all information required by the RFP document or submission of a proposal not substantially responsive to the RFP documents in every respect will be at the bidder's risk and may result in rejection of their proposal.

### **6.3. Tender Fee**

Bidder should submit the tender fee (INR 30,000) in the form of Demand Draft / Banker's Cheque in favor of "Vadodara Smart City Development Limited" drawn on any scheduled / nationalized bank and payable at Vadodara.

### **6.4. Bid Validity Period**

The bid validity period shall be 180 days from the date of submission of bids. In exceptional circumstances, the VMC/VSCDL may solicit the Bidder's consent for an extension of the period of bid validity. Any such request by the VMC/VSCDL and the response thereto shall be made in writing and such extension of Bid validity period by the Bidder should be unconditional. A Bidder may refuse VMC/VSCDL's request for such extension. A Bidder accepting the request of VMC/VSCDL shall not be permitted to modify its Bid.

### **6.5. Proposal Preparation Cost**

The bidder is responsible for all costs incurred in connection with participation in this process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by VMC/VSCDL to facilitate the evaluation process. VMC/VSCDL will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process. All materials submitted by the bidder shall become the property of the VMC/VSCDL and may be returned at its sole discretion.

### **6.6. Submission of RFP Queries**

A prospective Bidder requiring any clarification on the RFP Document may submit his queries, via email, to the following e-mail id.

Email Id for submission of queries: directorit@vmc.gov.in

The queries must be submitted in the following format only:

<b>B Request for Clarification</b>			
<b>Name and Address of the Organization submitting request</b>		<b>Name and Position of Person submitting request</b>	<b>Contact Details of the Organization / Authorized Representative</b>
			Tel: Mobile: Fax: Email:

  

<b>Sr. No</b>	<b>RFP Reference(s) (Section, Page)</b>	<b>Content of RFP requiring clarification</b>	<b>Points of clarification required</b>

#### **6.7. Amendment of RFP Document**

At any time before the deadline for submission of bids, the VMC/VSCDL, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the RFP Document by an amendment, which will form the part of the original bid documents and shall override any contradicting effects in the original bid document.

In order to provide prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the VMC/VSCDL may, at its discretion, extend the last date for the receipt of bids.

The bidders are advised to visit the website (n)Procure website (<https://tender.nprocure.com/>) on regular basis for checking necessary updates. VMC/VSCDL also reserves the rights to amend the dates mentioned in this RFP for bid process.

#### **6.8. VMC/VSCDL's rights to terminate the Process**

VMC/VSCDL may terminate the RFP process at any time and without assigning any reason. VMC/VSCDL makes no commitments, express or implied, that this process will result in a business transaction with anyone. This RFP does not constitute an offer by VMC/VSCDL.

#### **6.9. Right to Accept or Reject Any Bid or All Bids**

VMC/VSCDL reserves the right to accept or reject any/all bid/s and/or bidding process any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the ground for VMC/VSCDL's action.

#### **6.10. Sealing, marking and submission of Proposal**

The proposal documents shall be put in a large envelop having two separate envelopes containing

1. **1st Envelop:** Duly signed RFP documents, Addenda & Corrigendum if any along with all necessary supporting documents (prequalification checklist & related documents, technical proposal) super scribed as “Proposal Documents”
2. **2nd Envelop:** Tender Fee & EMD shall be super scribed as “Tender Fee & EMD”

The large envelope / outer envelope containing above envelopes must be sealed and super scribed and shall be sent as under:

Details to be mentioned exactly on sealed envelop	
<b><u>RFP Details</u></b> <ul style="list-style-type: none"> <li>• <b>Notice No.:</b> VSCDL/IT/1699/23-24</li> <li>• RFP for selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-CCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software</li> <li>• <b>Last date of Submission of Financial Bid:</b> On or before 05/04/2024 up to 04:00 pm.</li> </ul>	<p>To, General Manger (IT), Vadodara Smart City Development Limited(VSCDL), IT - Department , Khanderao Market Building, Palace Road. Vadodara – 390 001.</p>

VMC/VSCDL will not accept submission of a proposal in any manner other than that specified in the RFP document. Proposals submitted in any other manner shall be treated as defective, invalid and rejected.

If the envelopes are not sealed and marked as instructed above, the VMC/VSCDL assumes no responsibility for the misplacement or premature opening of the contents of the application and consequent losses, if any suffered by the Bidder.

Each Bidder shall submit only one RFP proposal containing documents as below. A bidder who submits more than one RFP under this contract will be disqualified

- (i) Original copy of the tender fee & EMD
- (ii) Pre-qualification criteria related documents
- (iii) Duly signed RFP, Addenda & Corrigendum
- (iv) Technical proposal related documents



(v) The Bidder shall prepare original set of the Application (together with originals /copies of documents required to be submitted along therewith pursuant to this RFP document) and applicant shall also provide a soft copy on a Compact Disc (CD) / Pen Drive / USB stick. In the event of any discrepancy between the original and CD/Pen Drive/USB stick, the original shall prevail

(vi) Each page of the above should bear the initials of the Applicant along with the seal of the Applicant in token of confirmation of having understood the contents

Pre-qualification and technical proposal should be signed by an authorized person of the bidder. The pre-qualification proposal should be submitted along with a certified true copy of a board resolution/power of attorney empowering authorized signatory to sign/act/execute documents binding the bidder organization to the terms and conditions detailed in this proposal.

Proposals must be direct, concise, and complete. VMC/VSCDL will evaluate bidder's proposal based on its clarity and completeness of its response to the requirements of the project as outlined in this RFP. The Chairman, VMC/VSCDL reserves the right to accept or reject any or all the proposals without assigning any reason.

#### **6.11. Late Proposal for RFP**

Proposal not reaching on or before the specified time limit will not be accepted.

#### **6.12. Language of Bids**

The responses prepared by the bidder and all correspondence and documents relating to the bids exchanged by the bidder and VMC/VSCDL, shall be written in English language. Any printed literature furnished by the bidder in another language shall be accompanied by an English translation, in which case, for purposes of interpretation of the bid, the English translation shall govern.

If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the bidder.

#### **6.13. Proposal Submission Format**

The entire proposal shall be strictly as per the format specified in this RFP. Bids with deviation from this format shall be liable for rejection.

#### **6.14. Acceptance of Terms & Conditions**

The bidder will, by taking participation in the bidding process and submitting the bid documents, be deemed to have thoroughly read, studied and understood the bid documents including scope of work, the terms and conditions, instructions, etc. referred there in and the same are acceptable to the bidder.

#### **6.15. Documents to be submitted**

Following list is provided as the guideline for submitting various important documents along with the bid.

- (i) Cover Letter
- (ii) Board Resolution / Power of Attorney executed by the bidder authorizing the signing authority to sign/execute the proposal as a binding document and also execute all relevant agreements forming part of RFP
- (iii) Bidders' Particulars as per format given in RFP
- (iv) Certificate of Registration/Certificate of Incorporation
- (v) Audited Financial statements and relevant certificates
- (vi) Copy of Work Order/Work Completion Certificate & Self Declaration
- (vii) GST Registration and Income Tax Certificate
- (viii) Declaration regarding blacklisting in the given format
- (ix) Signed & Stamped RFP document along with Addenda & Corrigendum if any
- (x) Any other document necessary for the bid proposal

## **6.16. Bid Evaluation Process**

### **6.16.1. Opening of Bids**

1. The bids that are submitted online & Physical successfully shall be opened online & offline as per date and time given in Proposal Data Sheet, through proper procedure only in the presence of bidders.
2. Bids shall be opened either in the presence of bidders or its duly authorized representatives. The bidder representatives who are present shall sign a register evidencing their attendance. Two representatives per applicant shall be permitted to be present at the time of opening the tender.
3. Total transparency will be observed and ensured while opening the Proposals/Bids.
4. VSCDL always reserves the rights to postpone or cancel a scheduled Bid opening.
5. Bid opening will be conducted in three stages
  - (i) In the first stage, Pre-qualification Proposals would be opened. The EMD & tender fee of the Bidders will be opened on the same day and time, on which the Pre-qualification Proposal is opened.
  - (ii) In the second stage, Technical Proposals of Bidders who pass the Pre-qualification criteria will be opened.
  - (iii) In the third stage, Commercial Proposal of those Bidders whose Technical Proposals qualify, would be opened.
  - (iv) In the event of the specified date of Bid opening being declared a holiday for VSCDL, the bids shall be opened at the same time and location on the next working day. In

addition to that, if their representative of the Bidder remains absent, VSCDL will continue process and open the bids of all Bidders.

#### **6.16.2. Selection Process for Bidders**

1. VSCDL will appoint a Technical Evaluation Committee (TEC) to scrutinize and evaluate the prequalification of bidders, technical and commercial bids received. The TEC will examine the Bids to determine whether they are complete and whether the Bid format conforms to the Bid Document requirements. VSCDL may waive off any informality or nonconformity in a Bid which does not constitute a material deviation according to VSCDL.
2. The evaluation process of the RFP proposed to be adopted by VSCDL is indicated under RFP section 7.19 below. The purpose of this clause is only to provide the Bidder(s) an idea of the evaluation process that the VSCDL may adopt. However, VSCDL reserves the right to modify the evaluation process at any time during the Tender process, without assigning any reason, whatsoever, and without any requirement of intimating the Bidder(s) of any such change.

#### **6.16.3. Evaluation of Bids**

1. VSCDL shall constitute a Tender Evaluation Committee to evaluate the responses of the bidders. The Tender Evaluation Committee shall evaluate the responses to the RFP and all supporting documents/documentary evidence. Inability to submit requisite supporting documents/documentary evidence by bidders may lead to rejection of their bids.
2. The Committee may seek inputs from their professional and technical experts in the evaluation process.
3. VSCDL reserves the right to do a reference check of the experience stated by the Bidder. Any feedback received during the reference check shall be considered during the technical evaluation process.
4. The decision of the Tender Evaluation Committee in the evaluation of bids shall be final. No correspondence will be entertained outside the process of evaluation with the Committee. The Tender Evaluation Committee may ask for meetings or presentation with the Bidders to seek clarifications or conformations on their bids.
5. The Tender Evaluation Committee reserves the right to reject any or all bids. Each of the responses shall be evaluated as per the criteria and requirements specified in this RFP.
6. Proposal Presentations: The VSCDL may invite each pre-qualified Bidder to make a presentation to VSCDL at a date, time and venue decided by VSCDL. The purpose of such presentations would be to allow the Bidders to present their proposed solutions to the Committee and orchestrate the key points in their Proposals.

7. During the bid evaluation, VSCDL may at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the price or substance of the bid shall be sought, offered, or permitted. VSCDL is entitled to ask for clarifications as many times as possible from the bidders to the satisfaction of the Technical Evaluation committee.
8. If the bidder fails to provide the clarification or additional information sought in the stipulated time, the information provided in the technical proposal only will be used for evaluation. It is clearly understood that the additional information or clarification on the technical proposal provided by the bidders will not be the basis for affecting any changes in the Commercial Proposal already submitted by the bidders.
9. There should be no discrepancy between the online submitted documents & physical bid submission documents. If any discrepancy found than VSCDL will consider the details submitted in physical bid documents for further evaluation. Here note that commercial bid needs to be submitted online only.
10. The steps for evaluation are as follows:

#### **Stage 1: Pre-Qualification**

1. VSCDL will examine the bids to determine whether they are complete, responsive, whether required Tender Fee and EMD has been furnished, whether the letters/certificates have been properly signed, and whether the bids are generally in order. Any bids found to be non-responsive for any reason or not meeting any criteria specified in the tender, will be rejected by VSCDL and shall not be included for further consideration. Any deviations in proposal response may make the bid liable for rejection.
2. All eligible bids will be considered for further evaluation by an Evaluation Committee according to the evaluation process defined in this Bidding document.
3. Each of the Pre-Qualification condition mentioned in Pre-qualification criteria Section is MANDATORY. In case, the Bidder does not meet any one of the conditions, the bidder shall be disqualified.
4. Bidders would be informed of their qualification/disqualification based on the Pre-Qualification criteria through email and/or Phone and subsequently, the Bid Security amount shall be returned to the respective disqualified Bidders after the submission of Performance Bank Guarantee by the successful Bidder.

#### **Stage 2: Technical Evaluation**

1. Technical bid will be evaluated only for the bidders who succeed in Stage 1.
2. VSCDL will review the technical bids of the short-listed bidders to determine whether the technical bids are responsive. Bids that are not responsive are liable to be disqualified.

3. The bidders' technical solutions proposed in the bid document shall be evaluated as per the requirements specified in the RFP and technical evaluation framework as mentioned in RFP.

### **Stage 3: Commercial Evaluation**

1. The commercial bids shall not be opened by VSCDL until the evaluations of technical bids have been completed. The technically shortlisted Bidders will be informed of the date and venue of the opening of the Commercial Proposals through email or written communication.
2. The commercial evaluation will be done on Lowest Cost (L1) basis only.
3. The bid should clearly indicate the price to be charged without any qualifications whatsoever and should exclude all taxes, duties, fees, levies and other charges as may be applicable in relation to the activities proposed to be carried out. VSCDL reserves the right to ask the Bidder to submit proof of payment against any of the taxes, duties, levies indicated.
4. The taxes quoted in the offer should be as per the prevailing tax rates. Any subsequent increase in the tax rates or introduction of new tax will be paid by VSCDL. Similarly, any benefits arising due to downward revision in tax rates, or any exemptions availed by the Bidders organization should be passed on to VSCDL.
5. Commercial of BoQ line items must be entered online only.
6. An adjustable price quotation or conditional proposal shall be treated as non-responsive and the bid may be rejected.
7. Bidders are advised to exercise adequate care in quoting the prices. No excuse for corrections in the quoted figures will be entertained after the commercial proposals are received.
8. Errors & Rectification: Arithmetical errors will be rectified on the following basis:
  - (i) 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.
9. If there is a discrepancy between words and figures, the amount in words will prevail.
10. Bidders shall indicate the unit rates and total Bid Prices of the equipment/ services, it proposes to provide under the Contract. Prices should be shown separately for each item as required in the tender.
11. Bidder should not leave any field blank. In case the field is not applicable, Bidder must indicate "0" (Zero) in all such fields.
12. If there is no price quoted for certain material or service, the bid shall be declared as disqualified. The bidder has to bid for total products and solutions.
13. The Bidder needs to account for all Out-of-Pocket expenses related to Boarding, Lodging and other related items in the commercial bids. Any additional charges must be borne by the

bidder. For evaluation of Commercial Bids, VSCDL shall make appropriate assumptions as mentioned below to arrive at a common bid price for all the Bidders. This however shall have no co-relation with the Contract value or actual payment to be made to the Bidder.

14. It is mandatory to provide break up of all taxes, duties and levies wherever applicable and/or payable. The taxes quoted in the offer should be as per the prevailing tax rates. Any subsequent increase in the tax rates or introduction of new tax will be paid by VSCDL. Similarly, any benefits arising due to downward revision in tax rates, or any exemptions availed by the Bidders organization should be passed on to VSCDL. The bid amount shall be inclusive of packing, forwarding, transportation, insurance, delivery charges and any other charges as applicable. Any other charges as applicable shall be borne by the bidder.

**6.17. VMC/VSCDLs' Rights to Accept/Reject any or all Proposals**

VMC/VSCDL reserves the right to accept or reject any proposal, and to annul the bidding process and reject all bids, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for VMC/VSCDLs' action.

**6.18. Notifications of consideration for next level**

Prior to the expiration of the period of proposal validity, the bidder will be notified in writing or by email that it has been considered for the next round.

**6.19. Failure to agree with the Terms & Conditions of the RFP**

Failure of the bidder to agree with the Terms & Conditions of the RFP shall constitute sufficient grounds for the annulment of selection.

**6.20. Naming Convention for files**

The bidders need to strictly follow the below mentioned File Nomenclature rules while uploading the documents in the bidding portal. For documents mentioned under Eligibility Criteria, the file naming should be Eligibility Criteria\_ [Document \_Name] For example:

- Eligibility Criteria:\_ Copy\_of\_Certification\_of\_Incorporation
- Eligibility\_Criteria\_PAN\_Card
- Eligibility\_Criteria\_GST Registration
- Eligibility\_Criteria\_Financial\_Statement\_Turnover
- Eligibility\_Criteria\_Financial\_Statement\_Networth
- Eligibility\_Criteria\_OEM\_PO Copy
- Eligibility\_Criteria\_OEM\_Undertaking Letter
- Eligibility\_Criteria\_Self\_Declaration\_Blacklisting

For the documents in Annexures, the file naming should be: Anx\_ [S.no of Annexure] \_ [Annexure Name]

For example:

- Anx\_I\_CoverLetter
- Anx\_II\_Bidder Information Sheet

In case of any large file (exceeding 3MB) which need to be split in two parts or more, the naming should be:

- Anx\_I\_CoverLetter\_Part\_1
- Anx\_I\_CoverLetter\_Part\_2

For any other file not covered under this, should be named appropriately as per its contents. All files should be in pdf formats and should not be password protected or encrypted. The files should not be zipped. Any other format of the file other than pdf shall not be considered as part of the submitted bid.

## **6.21. Confidentiality**

- 6.21.1 The SI shall not use Confidential Information, the name or the logo of the Tenderer except for the purposes of providing the Service as specified under this RFP;
- 6.21.2 The SI shall not, either during the term or 6 months after expiration of this Contract, disclose any proprietary or confidential information relating to the Services, Contract or the network architecture, Tenderer's business plan or operations without the prior written consent of the Tenderer.
- 6.21.3 The SI may only disclose Confidential Information in the following circumstances to a member of the SI's Team ("Authorized Person") with the prior written consent of the Tenderer if:
  - 6.21.3.1.1 The Authorized Person needs the Confidential Information for the performance of obligations under this contract;
  - 6.21.3.1.2 The Authorized Person is aware of the confidentiality of the Confidential Information and is obliged to use it only for the performance of obligations under this contract
- 6.21.4 The SI shall do everything reasonably possible to preserve the confidentiality of the Confidential Information including execution of a confidential agreement with the members of the subcontractors and other service provider's team members to the satisfaction of the Tenderer.
- 6.21.5 The SI shall be responsible for any breach of the confidentiality clause by its antecedents or delegates or its subcontractors.
- 6.21.6 The SI shall notify the Tenderer promptly if it is aware of any disclosure of the Confidential Information otherwise than as permitted by this Contract or with the authority of the Tenderer.
- 6.21.7 The Tenderer reserves the right to adopt legal proceedings, civil or criminal, against the SI in relation to a dispute arising out of breach of obligation by the SI under this clause.

**6.22. Severance**

6.22.1 In the event any provision of this Contract is held to be invalid or unenforceable under the applicable law, the remaining provisions of this Contract shall remain in full force and effect.

**6.23. Compliance of laws**

6.23.1 SI shall perform their duties in strict compliance with all applicable laws in India along with rules & regulations of the duly constituted Government authorities in India and shall obtain all licenses and necessary approvals, if any, required by laws in India in connection with the services to be rendered hereunder.

6.23.2 SI shall be responsible for monitoring of data traffic from users w.r.to unlawful activities.

**6.24. Indemnity**

6.24.1 The SI shall indemnify and defend VSCDL and its representatives & employees and hold VSCDL, its representatives, employees harmless from:

- a) Damages and losses caused by its negligent or intentional act or omission or any damages and losses caused by the negligent act of any third party or sub-contractor or agency engaged by the SI;
- b) Damages and losses resulting from the non-compliance with the established obligations; Third Party claim against VSCDL or its nominated agency that any Deliverables/Services/Equipment provided by the SI infringes a copyright, trade secret, patents or other intellectual property rights of any third party in which case the SI shall defend such claim at its expense and shall pay any costs or damages that may be finally awarded against VSCDL or its nominated agency.
- c) Any environmental damages caused by SI and/or its representatives or employees or employees of any third party or sub-contractor or agency engaged by the SI.
- d) Breach (either directly by SI or through its representatives and/or employees) of any representation and guarantee declared herein by SI;
- e) Any and all claims, actions, suits, proceedings, taxes, duties, levies, costs, expenses, damages and liabilities, including attorneys' fees, arising out of, connected with, or resulting from or arising in connections with the services provided due to neglect, omission or intentional act.

**6.25. Resolution of disputes**

6.25.1 If any dispute arises between the Parties hereto during the subsistence or thereafter, in connection with the validity, interpretation, implementation or alleged material breach of any provision of the Agreement or regarding a question, including the



questions as to whether the termination of the Contract Agreement by one Party hereto has been legitimate, both Parties hereto shall endeavor to settle such dispute amicably.

- 6.25.2 The attempt to bring about an amicable settlement is considered to have failed as soon as one of the Parties hereto, after reasonable attempts [which attempt shall continue for not less than 30 (thirty) days], give 15 days' notice thereof to the other Party in writing.
- 6.25.3 In the case of such failure, the dispute shall be referred to the Chairman, VSCDL as a first level of arbitration. The place of the arbitration shall be Vadodara , Gujarat.
- 6.25.4 The Arbitration proceeding shall be governed by the Arbitration and Conciliation Act of 1996 as amended. The proceedings of arbitration shall be in English language. The arbitrator's award shall be substantiated in writing. The arbitration tribunal shall also decide on the costs of the arbitration procedure.

#### **6.26. Force Majeure & Vandalism**

- 6.26.1 In the event that any Damages to items due to Vandalism (physical Majeure attack by public, tampering of equipment by VSCDL staff or traffic police staff and damage due to accidents) or due to Force Majeure events (such as earthquake, fire, flood, natural calamities, acts of the public enemy, civil commotion, sabotage, explosions, epidemics, quarantine restrictions, strikes, lockouts, war or hostility, act of God) of any kind during Warranty Period and Maintenance Period shall be the liability of VSCDL. In such case, VSCDL/Authority shall request the System Integrator to repair/replace the damaged unit and reinstall the same. All costs towards the same shall be reimbursed by VSCDL/Authority to the System Integrator less of insurance proceeds if need of replacement so arise then replacement shall be on tender rates only.
- 6.26.2 The System Integrator shall not be liable for forfeiture of its Performance Guarantee, imposition of liquidated damages or termination for default, if and to the extent that it's delays in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure. For purposes of this Clause, "Force Majeure" means an event beyond the "reasonable" control of the System Integrator, not involving the System Integrator's fault or negligence and not foreseeable. Such events may include Acts of God & acts of Government of India in their sovereign capacity.
- 6.26.3 For the SI to take benefit of this clause it is a condition precedent that the SI must promptly notify the VSCDL, in writing of such conditions and the cause thereof within 7 calendar days of the Force Majeure event arising. VSCDL, or the consultant / committee appointed by the VSCDL shall study the submission of the SI and inform whether the situation can be qualified one of Force Majeure. Unless otherwise directed by the VSCDL in writing, the SI shall continue to perform its obligations under the resultant Agreement as far as it is reasonably practical and shall seek all reasonable

alternative means for performance of services not prevented by the existence of a Force Majeure event.

- 6.26.4 In the event of delay in performance attributable to the presence of a force majeure event, the time for performance shall be extended by a period(s) equivalent to the duration of such delay. If the duration of delay continues beyond a period of 30 days, VSCDL and the SI shall hold consultations with each other in an endeavor to find a solution to the problem. Notwithstanding anything to the contrary mentioned above, the decision of the VSCDL shall be final and binding on the SI.

## **6.27. Insurance**

- 6.27.1 The existing goods maintained and new goods supplied & installed under this Contract shall be fully insured by the selected bidder, against any loss or damage at the Tenderer's designated location for entire contract period. The insurance taken should cover risks such as flood, theft, fire, earthquake and cyclone (for wind speeds up to 80 kmph). The bidder shall submit to the VSCDL, certificate of insurance issued by the insurance company, indicating that such insurances have been taken against entire solution & certificate has to be submitted by bidder to VSCDL. Bidder shall be designated as the 'loss payee' in such insurance policies; bidder shall be liable to pay premium for the insurance policy & shall ensure that each & every policy shall keep updated from time to time till end of contract period. In case of delayed procurement of insurance from selected bidder, all responsibilities of all supplied and/or installed equipment will be on bidder before taking the insurance.
- 6.27.2 The bidder during the term of this contract undertakes to ensure that it has taken or shall take up all appropriate insurances for the delivery of goods that it is required to undertake under law as well as to adequately cover its obligations under this Contract: shall take out and maintain, at his own cost insurance with IRDA approved insurers against the risks, and for the coverage, as specified below: shall pay all premium in relation thereto and shall ensure that nothing is done to make such insurance policies void or voidable at the Tenderer's request, shall provide certificate of insurance to the Tenderer showing that such insurance has been taken out and maintained. Insurance will include employer's liability and workers' compensation insurance in respect of the Personnel of the bidder / bidder's Team, in accordance with the relevant provisions of the Applicable Law, as well as, with respect to such Personnel, any such life, health, accident, travel or other insurance as may be appropriate; and Insurance against loss of or damage to (i) equipment or assets procured in full or in part for fulfillment of obligations under this Contract (ii) the bidder's assets and property used in the performance of the Services (iii) third party insurance for life, health, accident or other insurance as may be appropriate as per the applicable law.

- 6.27.3 In case of theft of any asset, successful bidder(s) will have to carry out all required process to lodge police complain / FIR. VSCDL will assist bidder(s) wherever required.
- 6.27.4 Identifying any material breach of contract by Bidder, shall give Bidder a cure period of 90 days to correct the breach. If Bidder fails to cure the breach in the said time duration and accept its inability to correct, purchaser may terminate the part of the contract that is breached and employ a third party to do the work on behalf of purchaser.
- 6.27.5 Bidder shall not be liable for any compensation for the work executed this way. This procurement from a third party will be done at the selected bidder's (who has failed to perform its obligations & thus defaulted) risk, cost and responsibility. Any incremental cost borne by the Tenderer in procuring such Hardware / Services / Deliverables shall be borne by the selected bidder (who has failed to perform its obligations & thus defaulted). Any such incremental cost incurred in the procurement of such Hardware / Services / Deliverables from other source will be recovered from the pending due and payable Payments / Security Deposit / Bank Guarantee provided by the selected bidder (defaulted bidder) under this scope of this RFP and if the value of the Hardware / Services / Deliverables under risk purchase exceeds the amount of pending payable payments / Security Deposit and / or Bank Guarantee, the same may be recovered, if necessary, by due legal process.
- 6.27.6 Bidder shall execute the balance part of work as agreed under the contract.

## **6.28. Termination**

- 6.24.1 The Tenderer may, terminate this Contract in full or in part by giving the SELECTED BIDDER a prior and written notice indicating its intention to terminate the Contract under the following circumstances:
- a) Where the Tenderer is of the opinion that there has been such Event of Default on the part of the SELECTED BIDDER which would make it proper and necessary to terminate this Contract and may include failure on the part of the SELECTED BIDDER to respect any of its commitments with regard to any part of its obligations under its Bid, the RFP or under this Contract including the following:
    - i. failure to perform the obligations under the Contract;
    - ii. the SELECTED BIDDER and its team have failed to conform with any of the services specifications as set out in the RFP and the Contract;
    - iii. the SELECTED BIDDER has failed to demonstrate or sustain any representation or warranty made by it in this Contract, with respect to any of the terms of its Proposal, the RFP and this Contract;
    - iv. The SELECTED BIDDER has failed to comply with any terms and conditions of this RFP & the Contract;

- v. There is an undue delay in achieving the agreed timelines for delivering the services under this Contract due to reasons solely attributable to the SELECTED BIDDER;
  - vi. If it comes to knowledge of the Tenderer that the SELECTED BIDDER or any of their personnel have been involved in any fraudulent or corrupt practices or any other practice of similar nature;
  - vii. Where it comes to the Tenderer's attention that the SELECTED BIDDER (or the SELECTED BIDDERS' Team) is in a position of actual conflict of interest with the interests of the Tenderer, in relation to any of the terms of the SELECTED BIDDER's Bid, the RFP or this Contract.
  - viii. Where the SELECTED BIDDER's ability to survive as an independent corporate entity is threatened or is lost owing to any reason whatsoever, including inter-alia the filing of any bankruptcy proceedings against the SELECTED BIDDER, any failure by the SELECTED BIDDER to pay any of its dues to its creditors, the institution of any winding up proceedings against the SELECTED BIDDER or the happening of any such events that are adverse to the commercial viability of the SELECTED BIDDER. In the event of the happening of any events of the above nature, the Tenderer shall reserve the right to take any steps as are necessary, to ensure the effective transition of the project to a successor SELECTED BIDDER and to ensure business continuity.
- b) Where there has been an occurrence of such Event of Defaults, inter alia, as stated above, the VSCDL shall issue a notice of default to the SELECTED BIDDER, setting out specific defaults / deviances / omissions and providing a period of up to thirty (30) days to enable the SELECTED BIDDER to remedy the default/ deviances / omissions committed. It shall be the responsibility of the SELECTED BIDDER to maintain the agreed Quality of Service, even during the period when the notice for termination of agreement is pending and if the Quality of Performance of Solution is not maintained, during the said notice period, it shall be treated as material breach liable for termination at risk and consequent of SELECTED BIDDER and Performance Bank Guarantee shall be forfeited, without any further notice.
- c) **Termination for Insolvency:** The Tenderer may at any time terminate the Contract by giving written notice to the SELECTED BIDDER, without compensation to the SELECTED BIDDER, if the SELECTED BIDDER becomes bankrupt or otherwise insolvent, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Tenderer.
- d) **Termination for Convenience:** The Tenderer, may, by prior written notice sent to the SELECTED BIDDER at least 3 months in advance, terminate the Contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for the Tenderer's convenience, the extent to which

performance of work under the Contract is terminated, and the date upon which such termination becomes effective.

- 6.28.2 The SELECTED BIDDER may, subject to approval by the Tenderer, terminate this Contract before the expiry of the term by giving the Tenderer a prior and written notice at least 6 months in advance indicating its intention to terminate the Contract.

## **6.29. Consequences of termination**

- 6.29.1 In the event of termination of this contract due to any cause whatsoever, the contract with stand cancelled effective from the date of termination of this contract.
- 6.29.2 In case of exigency, if the Tenderer gets the work done from elsewhere, the difference in the cost of getting the work done shall be borne by the SELECTED BIDDER as mentioned in clause – 6.19 (Risk Purchase) unless the Termination is due to any act and/or omission by the reason solely attributable to Tenderer.
- 6.29.3 Where the termination of the Contract is prior to its stipulated term on account of a Default on the part of the SELECTED BIDDER or due to the fact that the survival of the SELECTED BIDDER as an independent corporate entity is threatened/has ceased, or for any other reason, whatsoever, the Tenderer through re-determination of the consideration payable to the SELECTED BIDDER as agreed mutually by the Tenderer and the SELECTED BIDDER or through a third party acceptable to both the parties may pay the SELECTED BIDDER for that part of the Services which have been authorized by the Tenderer and satisfactorily performed by the SELECTED BIDDER up to the date of termination. Without prejudice to any other rights, the Tenderer may retain such amounts from the payment due and payable by the Tenderer to the SELECTED BIDDER as may be required to offset any losses caused to the Tenderer as a result of any act/omissions of the SELECTED BIDDER. In case of any loss or damage due to default on the part of the SELECTED BIDDER in performing any of its obligations with regard to the execution of the scope of work under this Contract, the SELECTED BIDDER shall compensate the Tenderer for any such loss, damages or other costs, incurred by the Tenderer. Additionally, other members of its team shall perform all its obligations and responsibilities under this Contract in an identical manner as were being performed before the collapse of the SELECTED BIDDER as described above in order to execute an effective transition and to maintain business continuity. All third parties shall continue to perform all/any functions as stipulated by the Tenderer and as may be proper and necessary to execute the scope of work under the Contract in terms of the SELECTED BIDDER's Bid, the RFP and this Contract.
- 6.29.4 Nothing herein shall restrict the right of the Tenderer to invoke the Bank Guarantee and other Guarantees furnished hereunder, enforce the Deed of Indemnity and pursue such other rights and/or remedies that may be available to the Tenderer under law.

6.29.5 The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of this Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

6.29.6 Actions pursuant to Termination of Agreement:

Notwithstanding any other rights and remedies provided elsewhere in the agreement, upon termination of this agreement.

- a) Neither Party shall represent the Other Party in any of its dealings.
- b) Neither Party shall intentionally nor otherwise commit any act(s) as would keep a third party to believe that the other Party is still the former Party's service provider, as the case may be.
- c) Each party shall stop using the other Party's name, trademark, etc., in any audio or visual form.
- d) This sets out the provisions, which will apply on expiry or termination of the Master Service Agreement, the Project Implementation, Operation and Management SLA.
- e) In the case of termination of the Project Implementation and/or Operation and Management, the Parties shall agree at that time whether and if so during what period, the provisions of this Schedule shall apply.
- f) The Parties shall ensure that their respective associated entities carry out their respective obligations set out in this Exit Management Schedule.

6.29.7 Damages for Breach of Agreement :

6.29.7.1 - In the event of Bidder being in material default and such default is cured before Termination, the Bidder shall pay to VMC as Damages, an amount of ` 2,00,000/- (Two Lacs only) per month or for part thereof, till such default is cured, in one instance within 30 (thirty) days of receiving the demand.

6.29.7.2 - In the event of the Bidder being in default in the due and faithful performance of its obligations and failing to remedy such default within the specified period, VMC shall be entitled to forfeit the performance security and appropriate the same as damages for such default. Upon such encashment and appropriation of the performance security, VMC shall grant a period of 15 (fifteen) days to the Bidder to provide fresh Performance Security and the Bidder shall within the time so granted furnish to VMC such Performance Security failing which VMC shall be entitled to Terminate this Agreement.

#### **6.30.1 Cooperation and provision of Information**

During the exit management period:

- a) The SI will allow the purchaser or its nominated agency access to information reasonably required to define the then current mode of operation associated with the

provision of the services to enable the purchaser to assess the existing services being delivered.

- b) Promptly on reasonable request by the purchaser, the SI shall provide access to and copies of all information held or controlled by them which they have prepared or maintained in accordance with this agreement relating to any material aspect of the services (whether provided by the System integrator or sub-contractors appointed by the SI). The purchaser shall be entitled to copy of all such information. Such information shall include details pertaining to the services rendered and other performance data. The SI shall permit the purchaser or its nominated agencies to have reasonable access to its employees and facilities, to understand the methods of delivery of the services employed by the SI and to assist appropriate knowledge transfer.

### **6.30.2 Confidential Information, Security and data**

6.30.2.1.1 The SI will promptly on the commencement of the exit management period supply to the purchaser or its nominated agency the following:

- 6.30.2.1.2 Information relating to the current services rendered and customer and performance data relating to the performance of sub-contractors in relation to the services;
- 6.30.2.1.3 Documentation relating to Intellectual Property Rights;
- 6.30.2.1.4 Documentation relating to sub-contractors;
- 6.30.2.1.5 All current and updated data as is reasonably required for purposes of purchaser or its nominated agencies transitioning the services to its Replacement *SI* in a readily available format nominated by the purchaser, its nominated agency;
- 6.30.2.1.6 All other information (including but not limited to documents, records and agreements) relating to the services reasonably necessary to enable purchaser or its nominated agencies, or its Replacement *SI* to carry out due diligence in order to transition the provision of the Services to purchaser or its nominated agencies, or its Replacement *System integrator* (as the case may be).
- 6.30.2.1.7 Before the expiry of the exit management period, the SI shall deliver to the purchaser or its nominated agency all new or up-dated materials from the categories set out in schedule above and shall not retain any copies thereof, except that the SI shall be permitted to retain one copy of such materials for archival purposes only.

### **6.30.3 Transfer of certain Agreements**

- 6.30.3.1 On request by the purchaser or its nominated agency the *SI* shall effect such assignments, transfers, licenses and sub-licenses purchaser, or its Replacement *SI* in

relation to any equipment lease, maintenance or service provision agreement between *SI* and third-party lessors, vendors, and which are related to the services and reasonably necessary for the carrying out of replacement services by the purchaser or its nominated agency or its Replacement *SI*.

#### **6.30.4 General obligations of the SI**

6.30.4.1 The SI shall provide all such information as may reasonably be necessary to effect as seamless a handover as practicable in the circumstances to the purchaser or its nominated agency or its Replacement SI and which the SI has in its possession or control at any time during the exit management period.

6.30.4.2 For the purposes of this Schedule, anything in the possession or control of any SI, associated entity, or sub-contractor is deemed to be in the possession or control of the SI.

6.30.4.3 The SI shall commit adequate resources to comply with its obligations under this Exit Management Schedule.

#### **6.30.5 Exit Management Plan**

- a) The *SI* shall provide the purchaser or its nominated agency with a recommended exit management plan ("Exit Management Plan") which shall deal with at least the following aspects of exit management in relation to the MSA as a whole and in relation to the Project Implementation, and the Operation and Management SLA.
  - A detailed program of the transfer process that could be used in conjunction with a Replacement *SI* including details of the means to be used to ensure continuing provision of the services throughout the transfer process or until the cessation of the services and of the management structure to be used during the transfer;
  - Plans for the communication with such of the SI's sub-contractors, staff, suppliers, customers and any related third party as are necessary to avoid any material detrimental impact on the purchaser's operations as a result of undertaking the transfer;
  - (If applicable) proposed arrangements for the segregation of the SI's networks from the networks employed by purchaser and identification of specific security tasks necessary at termination;
  - Plans for provision of contingent support to purchaser, and Replacement SI for a reasonable period after transfer.
- b) The SI shall re-draft the Exit Management Plan annually thereafter to ensure that it is kept relevant and up to date.
- c) Each Exit Management Plan shall be presented by the SI to and approved by the Purchaser or its nominated agencies.
- d) The terms of payment as stated in the Terms of Payment Schedule include the costs of the SI complying with its obligations under this Schedule.



- e) In the event of termination or expiry of MSA, and Project Implementation, each Party shall comply with the Exit Management Plan.
- f) During the exit management period, the SI shall use its best efforts to deliver the services.
- g) Payments during the Exit Management period shall be made in accordance with the Terms of Payment Schedule.
- h) This Exit Management plan shall be furnished in writing to the purchaser or its nominated agencies within 90 days from the Effective Date of this Agreement.

### **6.31. Limitation of liability**

- 6.31.1 Successful bidder's cumulative liability for its obligations under the contract shall not exceed the contract value.
- 6.31.2 If the contract is partially completed, then in such case successful bidder's cumulative liability will not exceed the contract value of remaining/pending work of the contract.

### **6.32. General Instructions for the Technical Proposal**

Bidders have to submit a structured and organized technical proposal, which will be analyzed by VSCDL/VMC for different compliances with regards to the requirements of the project. Each point listed below must be provided in detail with the necessary supporting documents and assumptions. Information to be included by the bidders in their Technical Proposal is as follows:

- 1. Understanding of Project Scope – Bidders may also propose any additional scope which they deem necessary to achieve objectives set out for the project
- 2. Approach & Methodology for Operation and Maintenance. Strategy to manage the proposed SLA requirements.
- 3. New Use cases implementation from the existing systems of ICCC and integrated with ICCC
- 4. Detailing of Project Risks & Mitigation Plan
- 5. Illustrative business models implemented for similar project implemented globally Bidder is invited to conduct survey of the existing systems of Smart City Vadodara before giving detailed response to the published RFP.
- 6. The EMD may be forfeited:
  - a) If a bidder withdraws their bid or increases their quoted prices during the period of bid validity or its extended period, if any; or
  - b) In the case of a successful bidder, if the bidder fails to sign the Contract or to furnish Performance Bank Guarantee within specified time
  - c) During the bid process, if a bidder indulges in any such deliberate act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization
  - d) During the bid process, if any information found wrong/manipulated/hidden in the bid
- 7. The successful bidder who is awarded the Work Order shall be required to deposit a Performance bank guarantee @ 3% of the total contract value (the sum total of A0 (from table – A of financial bid) & B0 (from table – B of financial bid)) in the form of unconditional Bank Guarantee from any scheduled bank in favor of “Vadodara Smart City

Development Limited, Vadodara (from all Nationalized banks including the Public sector banks - IDBI Ltd. Or Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank) within 7 days of award of work, covering the period of contract and 180 days beyond the contract period. In case, the contract is further extended beyond the initial period, the Bank Guarantee will have to be accordingly extended/renewed by the successful agency/bidder. All incidental charges whatsoever such as premium, commission etc. with respect to the Bank Guarantee shall be borne by the successful bidder. Non-deposit of PBG within the stipulated time shall render the award of contract invalid at the discretion of VSCDL.

### **GENERAL TERMS & CONDITIONS**

1. **The Tender will be considered as rejected if** (a) it is not accompanied by EMD and all the other documents asked, (b) tender is not submitted in this prescribed Tender Form of VSCDL (**returning all the pages therein**); with the stamp & signature of the authority on all the pages therein OR (c) tender contains vague & indefinite expressions and quoted with conditional rates.
2. Interested applicants are advised to study the document carefully. Submission of Application shall be deemed to have been done after careful study and examination of the document with full understanding of its implications.
3. The Bidder shall bear all the costs associated with the preparation and submission of its bid, and VSCDL in no case will be responsible or liable for these costs, regardless of conduct or outcome of bidding process.
4. The 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 submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.
5. Each offer shall specify only a single solution which is cost effective and meeting the tender specifications and it is the responsibility of the Bidder to decide the best of breed solution.
6. Excuse from Claim: The Bidder at no point of time can excuse themselves from any claims by VSCDL whatsoever for their deviations in conforming to the terms and conditions, payment schedules, timeframe for implementation etc. as mentioned in RFP document.
7. **About quoting the rates**.....
  - (a) Please quote your rates strictly on website viz. <https://tender.nprocure.com> (e-Tendering Process) only. The rates quoted anywhere else will be rejected and any justification for the same by any bidder will not be considered in any circumstances. Doing so by any bidder will lead to disqualification of the tender.
8. Right to Termination/Cancellation: Notwithstanding anything contained in this document, VSCDL, reserves the right to cancel/terminate the bid/proposal process without assigning any reason whatsoever, at any time prior to signing the contract and VSCDL shall have no liability for above-mentioned actions.
9. **COMPLETENESS OF BIDS:**

VSCDL will examine the Bids to determine whether they are complete, whether they meet all the conditions of the Tender Document and Technical Specifications, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the Bid Documents are substantially responsive to the requirements of the Tender Document. Information must be furnished in comprehensive manner against each column of Bid Document.

10. RECTIFICATION OF ERRORS:

Bidders are advised to exercise greatest care in entering the pricing figures. No requests regarding correction of mistakes in the financial bids will be entertained after the bids are opened.

11. EMD shall be forfeited if the tender is withdrawn during the validity period.
12. In case of non-receipt of Bid Processing fees and EMD as mentioned above within prescribed time, the bid will be rejected by VSCDL as non-responsive.
13. VSCDL is not responsible for delay, loss or non-receipt of tender documents sent by the post.
14. VSCDL reserves the rights to accept any one tender or reject any/all tenders without assigning any reasons.
15. VSCDL reserves the right to accept or reject any bid, and to cancel the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for VSCDL's action.
16. Printed terms and condition of the tender will not be considered as forming part of the tender and offer. Cancellation of or not agreeing with any terms and conditions of VSCDL will not be entertained in any circumstances.
17. A bid valid for a shorter period shall be rejected as non-responsive. If required, VSCDL may extend the bid validity for further period from the date of expiry of bid validity in consultation with the successful bidder.
18. All correction/addition/deletion shall require authorized countersign.
19. Modification and Withdrawal of Bids
  1. No bids will be allowed to be modified subsequent to the final submission of bids.
  2. No bid will allowed to withdrawn in the interval between the deadline for submission of bids and the expiry of the bid validity. Withdrawal of a bid during this interval will result in the forfeiture of bidder's E.M.D.
20. **The selected Bidder** for award of the assignment, (a) will sign an agreement on the Govt. stamp paper to be purchased by the bidder as per the prevailing rules and regulations of VSCDL and (b) will have to pay the security deposit, @ 3 % of the order value by D.D. or in Bank Guarantee
21. The Security Deposit will be returned only after successful completion of the Contract and E.M.D. will be returned only after one year from completion of the contract period.

**22. Period of Validity of Bids:**

- Bids shall be valid for 180 days after the date of technical bid opening prescribed by VSCDL. Any Bid valid for a shorter validity period shall be rejected by VSCDL as non-responsive bid.
- In exceptional circumstances, VSCDL may solicit the all Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. A Bidder may refuse the request without forfeiting its EMD. A Bidder granting the request will not be permitted to modify its bid/rates.

**23. Amendment of Bidding Documents (Corrigendum)**

1. At any time prior to the deadline for submission of bids, VSCDL may, for any reason, whether its own initiative or in response to the clarification request by a prospective bidder, modify the bidding documents.
  2. The Corrigendum/amendment to the tender, if required any, will be published on <https://tender.nprocure.com>, <http://vadodarasmarcity.in/smartcity-tenders.html> and [www.vmc.gov.in](http://www.vmc.gov.in) without any notice being published in the newspaper. Thus, Bidder must check above websites periodically during tender process.
  3. In order to allow prospective bidders reasonable time to take into consideration the amendments while preparing their bids VSCDL, at its discretion, may extend the deadline for the submission of bids.
24. Bidder shall be well aware of Cyber Crime rules/regulation and shall preserve necessary information/log as per requirement of cybercrime rules and regulation.
25. Both legal and equitable title to the material, equipment and software covered by the contract shall pass on to the VSCDL. In case of requirement, the software's registration liability will rest only on the Bidder. Registration must be done under the name of "General Manager (IT)", Vadodara.
26. The rates quoted will remain in force for the full period of the AMC. No demand for revision of rates on any account shall be entertained during the contract period.
27. The Bidder will not subcontract or permit anyone other than the bidder personnel to perform any of the work, services or other performance required of the bidder under this Agreement without the prior written consent of VSCDL/VMC.
28. Whatever work related to CAMC of CCC should be done by the bidder.
29. During the performance of the contract, if the person(s) of the bidder meet with any accident which results into the death or injuries to the person(s) of the bidder or any damage made to the Third party and any claim or legal penalties arise out of it will be responsibility of the bidder only. VSCDL/VMC will not be responsible in any way.

30. VSCDL/VMC may extend the maintenance & support contract after successful AMRC for subsequent Six & seven year, with the same or lower rate and terms & conditions and the same will be binding on the assignee.

31. **Tax Liability**

GST (Goods & Service Tax) has come in existence from 1st July 2017. Contractor / Successful Bidder is bound to pay any amount of GST prescribed by the Govt. of India as per the Terms of Contract agreed upon during the course of execution of this Contract.

If imposition of any other new Taxes/Duties/Levies/Cess or any other incidentals etc. or any increase in the existing Taxes/Duties/Levies/Cess or any other incidentals etc. (excluding GST) are imposed during the course of the contract, the same shall be borne by the Contractor/Successful Bidder Only, in no case VSCDL shall be liable for the same. Further, the non-payment of GST to the Government may lead to the termination of contract and forfeiture of Security Deposit / Performance Guarantee Amount.

The contractor will submit the invoice to the VSCDL having GSTIN of VSCDL mentioned therein and the taxes shall be shown separately on the face of the invoice so as to claim as ITC by VSCDL. If any issue related to tax then Municipal Commissioner shall be final and binding on the Contractor / Successful Bidder in this regard.

32. The bidder will have to work beyond VSCDL's/VMC's & Bidder's normal working hours and on holidays too, without any extra charges. The persons should be available & approachable round-the-clock (24X7x365 days) through telephone and in-person in office & even available at important events.
33. The Bidder's deputed person should be punctual in time, no up-down is allowed.
34. If any of resident engineers is on leave of more than 2 days replacement is must.
35. VSCDL/VMC have right to reject the resume, if found not proper for the same, bidder have to submit another resume.
36. Responsibility related to Labour laws and other laws.
- (i) The bidder shall during the whole contract period including period of contract strictly follow and act as per the provisions of payment of wages act, The Industrial Dispute Act-1947, all Labour/ workmen related laws. The bidder shall responsible for service condition and to pay salary and such allowances to the workers and officers time to time prescribed by competent Government Authority. Any breach of law related to workmen/Labour the bidder shall be responsible to pay and compensate the cost and the amount, the VSCDL/VMC shall not responsible in any matter related to workmen/officers engaged to carryout work including Maintenance. The workers, labours, officers etc. engaged by the bidder to carryout this work including Maintenance is solely of the bidder therefore the VSCDL/VMC shall not be responsible to pay any compensation to the workers, labours, officers etc. engaged by the bidder to carryout this work including Maintenance.

- (ii) The VSCDL/VMC shall not be responsible in any manner to pay any payment arise out of any legal proceeding or award of court, tribunal etc. under Payment of Wages Act, The Industrial Dispute Act-1947, all labour/ workmen related laws related to the workers, labours, officers etc. engaged by the bidder to carryout this work including Maintenance. The bidder shall liable to pay any payment arise out of any legal proceeding or award of court, tribunal etc.
  - (iii) The workers, labours, officers etc. engaged by the bidder to carryout this work including Maintenance are solely of the bidder therefore they all shall not considered as regular employee of the VSCDL/VMC and no claim in this regard lies against the VSCDL/VMC by any of the workers, labours, officers etc. engaged by the bidder to carryout this work including and Operation and Maintenance.
  - (iv) The workers, labours, officers etc. engaged by the bidder to carryout this work including Maintenance is solely of the bidder therefore they shall not entitled to get any Identity Card from the VSCDL/VMC.
  - (v) Amendment in any law mentioned above shall be applicable to this contract.
- **Fraud and Corruption**

In case of Fraud and Corruption by bidder and/or manpower deputed for this service, VSCDL/VMC shall retain all rights to lodge Police Complaint/ FIR against bidder under various provisions of Indian Penal Code and any other penal law inforce including Information Technology act and Prevention of Corruption act.

#### **General Terms & Conditions for Manpower Deployment:**

- ❖ Manpower should have Drafting skill should be proper.
- ❖ Staff should be well mannered, polite & must behave properly.
- ❖ Official record must not be handed over to any unauthorized person / institute without permission from higher authority of VSCDL/VMC.
- ❖ Bidder has to replace or remove concerned manpower for any misbehaviour or misconduct activities observed by VSCDL/VMC official.
- ❖ It is primary responsibility of the bidder for any fault on the part of his recruited staff Bidders will be responsible for payment to his staff as well as any dispute arising among their counterpart. They have to follow all Laws and Rules and Regulations of VSCDL/VMC as well as Laws of Government Applicable( i.e., payment of wages act, contract act, GST act, industries dispute act and any other law or rule applicable).
- ❖ Bidder will be responsible to follow Procedures, Rules, Circulars, Amendments etc. of VSCDL/VMC; and also any timely amendment in Govt. Laws, Notifications, Resolutions etc.
- ❖ Staff provided by bidder will be solely on Payroll of Bidder. The staffs have nothing to do with VSCDL/VMC pay structure and payroll. Staff, in no case, will be able to claim themselves to be a staff of VSCDL/VMC.

- ❖ In case of absence, attrition of employees; bidder will have to manage immediately. If Bidder will not be able to manage immediate and bidder replaces temporary employee; VSCDL/VMC will not pay cost of that temporary employee
  - ❖ VSCDL/VMC reserves right to increase/decrease number of manpower to be deployed at the time of assigning order or at any point of time at later stage based upon necessity of work, infrastructure, demand etc.
  - ❖ Selected bidder has to provide the list of the employees who will work to IT department. Along with the same, Bidder has to maintain following documents for each employee in a separate file and a copy of the same has to be submitted at IT Dept.:
    - Curriculum Vitae
    - Passport size Photograph
    - Photocopies of Address proof, photo identification proof
    - Education/ Qualification Certificates
    - Computer or any other Course certificate, if done any
    - Experience certificates, if any
  - ❖ Declaration by Bidder that the candidate is qualified as per tender terms and condition and he/she is eligible for the work assigned.
37. In the event of any dispute arising with regards to the terms & conditions or interpretation of any clause of this agreement, the CEO, VSCDL shall be the sole arbitrator under the Indian Arbitration Act 1940 and whatever decision given by the CEO, VSCDL shall be final and binding on both the parties.
38. Any dispute arises with regards to any terms and conditions of this agreement; it shall be solely subject to the jurisdiction of the Vadodara courts only.

### **Supplier / Bidder's Obligations**

The Bidder is obliged to work closely with the VSCDL/VMC's staff, act within its own authority and abide by directives issued by VSCDL/VMC.

The Bidder will abide by the job safety measures prevalent in India and will free VSCDL/VMC from all demands or responsibilities arising from accidents or loss of life the cause of which is the Bidder's negligence. The Bidder will pay all indemnities arising from such incidents and will not hold VSCDL/VMC responsible or obligated.

The Bidder is responsible for managing the activities of its personnel and will hold himself responsible for any misdemeanors.

The Bidder will treat as confidential all data and information about the VSCDL/VMC, obtained in the execution of his responsibilities, in strict confidence and will not reveal such information to any other party without the prior written approval of VSCDL/VMC.

### **Patent Rights**

In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof in VSCDL/VMC's country, the Bidder shall act expeditiously to extinguish such claim. If the Bidder fails to comply and VSCDL/VMC is required to pay compensation to a third party resulting from such infringement, the Bidder shall be responsible for the compensation including all expenses, court costs and lawyer fees. VSCDL/VMC will give notice to the Bidder of such claim, if it is made, without delay.

The above Terms & Conditions of VSCDL are acceptable to us

\_\_\_\_\_  
**Signature of the Authority of Bidder**

\_\_\_\_\_  
Seal/Stamp of the Company

Name & Designation: \_\_\_\_\_

Mobile : \_\_\_\_\_ Email: \_\_\_\_\_

Landline No. : \_\_\_\_\_ Fax: \_\_\_\_\_



## **7. Formats & Checklist to be used for the Proposal Submission**

### **7.1 RFP Cover Letter**

*(To be submitted on Bidder's letterhead duly signed by Authorized signatory)*

Date: DD/MM/YYYY

To,  
General Manager (IT),  
Vadodara Smart City Development Limited (VSCDL),  
IT - Department,  
Khanderao Market Building,  
Vadodara – 390 001.

**Sub :** “Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-CCC project and Network for ICCC”

**Ref :**

Dear Sir,

Having examined the RFP, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide the professional services as required and outlined in the RFP for the **“Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software”**.

We attach hereto our responses to pre-qualification requirements and technical proposals as required by the RFP. We confirm that the information contained in these responses or any part thereof, including the exhibits, and other documents and instruments delivered or to be delivered to VMC/VSCDL, is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the department in its short-listing process.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the selection process, we are liable to be dismissed from the selection process and legal action.

We agree for unconditional acceptance of all the terms and conditions set out in the RFP document and also agree to abide by this RFP response.

We agree that you are not bound to accept any RFP response you may receive. We also agree that you reserve the right in absolute sense to reject all or any of the products/ services specified in the RFP response.

It is hereby confirmed that I/We are entitled to act on behalf of our company/ corporation/ firm/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.

---

Signature of Authorized Signatory (with official seal)

Name :

Designation :

Address :

Telephone & Fax :

E-mail address :

### 7.1 Checklist for the documents to be submitted in Pre-Qualification Bid

#	Documents to be submitted	Submitted (Y / N)	Documentary Proof (Page No.)
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			

## 7.2 Document checklist for technical Bid

#	Documents to be submitted	Submitted (Y / N)	(Page No.)
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			

### 7.3 Format to share Bidder's Particulars

Sr. No	Description	Details (to be filled by the responder to the RFP)
1.	Name of the company	
2.	Official address	
3.	Phone No. and Fax No.	
4.	Corporate Headquarters Address	
5.	Phone No. and Fax No.	
6.	Web Site Address	
7.	Details of Company's Registration (Please enclose copy of the company registration document)	
8.	Name of Registration Authority	
9.	Registration Number and Year of Registration	
10.	Sales GST registration No.	
11.	Permanent Account Number (PAN)	
12.	Company's Revenue for last 3 years (Year wise)	
13.	Company's Profitability for the last 3 years (Year wise)	

Please submit the relevant proofs for all the details mentioned above along with your Bid response.

Contact Details of officials for future correspondence regarding the bid process:

Details	Authorized Signatory	Contact Person
Name		
Title		
Company Address		
Phone		
Mobile		
Fax		
E-mail		

#### 7.4 Format to share Bidder details

Information about responding firm / Company		
a.	Registration details under the Companies Act 1956	
b.	No. of years of operation in India	
c.	Location, address and contact details of Network Operating Center (NOC) if any	
d.	Locations and addresses of offices in Gujarat.	
e.	Locations, addresses and contact details of offices in Vadodara	
f.	Turnover (figures as pre last three audited balance sheets are to be provided)	Year-1
		Year-2
		Year-3

Note: Please submit CA Certification for Turnover and Net Worth. Also attach the Auditor Certified financial statements for the last three financial years.

**7.5 PQ – 5 : Format for Declaration by the bidder for not being Blacklisted/ Debarred**

(To be submitted on a 300-rupee stamp paper)

Date:

DD/MM/YYYY

To,  
General Manger (IT),  
Vadodara Smart City Development Limited(VSCDL),  
IT - Department ,  
Khanderao Market Building,  
Vadodara – 390 001.

**Sub :** Declaration for not being debarred / black-listed by Central / any State Government department in India as on the date of submission of the bid

Dear Sir,

I/We, the undersigned, herewith declare that my/our company (□ name of the firm □) has not been debarred / black-listed by Central / any State Government department in India as on the date of submission of the RFP.

Thanking you,

Yours

faithfully,

---

Signature of Authorized Signatory (with official seal)

Date :

Name :

Designation :

Address :

Telephone & Fax :

E-mail address :

## 7.6 PQ – 2 & 3 and TQ – 1 : Financial Capability Statement

(On Statutory Auditor's letterhead)

To,  
General Manger (IT),  
Vadodara Smart City Development Limited(VSCDL),  
IT - Department,  
Khanderao Market Building,  
Vadodara – 390 001.

I hereby declare that I have scrutinized and audited the financial statement of M/s \_\_\_\_\_ . The Net worth and the Turnover of the bidder for last three financial years as per audited statement is as under:

Financial year	Net worth (INR Crore)	Turnover (INR Crore)
FY 2022 – 2023		
FY 2021 – 2022		
FY 2020 - 2021		

---

(Signed and sealed by the statutory auditor)

Date :  
Name :  
Designation :  
Address :  
Telephone & Fax :  
E-mail address :



## 7.7 PQ – 4 & TQ – 2: Similar work experience

Note: Bidder will have to provide all required details in supporting documents for TQ – 3, 4 & 5.

To,  
General Manger (IT),  
Vadodara Smart City Development Limited(VSCDL),  
IT - Department,  
Khanderao Market Building,  
Vadodara – 390 001.

Sir/Madam,

In response to the Tender Ref. No.\_\_\_\_\_dated\_\_\_\_\_for RFP for selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software, as anowner/ partner/ Director of\_\_\_\_\_, I/ We hereby declare thatpresently our Company/ firm\_\_\_\_\_has below mentioned similar work experience as required to qualify for this RFP process.

Sr. No .	Project Name	Nature of work (SITC or Maintenance)	Component of the project (as per PQ – 4)	WO issue date	Total WO value (INR Cr)	Worth of completed work for the mentioned component (INR Cr)	Supporting documents provided
1							
2							
3							

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Name of the SI :  
Authorized Signatory :  
Seal of the Organization :  
Business Address :  
Date :  
Place

Please fill one separate form for each project according to pre-qualification criteria/eligibility criteria.

Sr. No.	Criteria	Details
1.	Implementer Company	
2.	Customer's Name	
3.	Scope of the Project	Please provide scope of the project in detail, highlight Key Result Areas expected and achieved
4.	Value of Project	
5.	Did the project involve implementation and/or maintenance	Please provide as much details as possible for specific component of PQ – 4.
6.	Total No. of nodes & its types / category (For ex.: CCTV, Wi-Fi APs, IOT etc.)	
7.	Completion certificate	Yes / No
8.	Customer Contact Person's detail	
9.	Name	
10.	Designation	
11.	Email	
12.	Phone	
13.	Fax	
14.	Mailing address	

## 7.8 PQ – 5 : Self-Declaration – Not insolvent

<<To be printed on company's letterhead and signed by Authorized signatory>>

Date: dd/mm/yyyy

To,  
General Manger (IT),  
Vadodara Smart City Development Limited(VSCDL),  
IT - Department,  
Khanderao Market Building,  
Vadodara – 390 001.

Sir/Madam,

In response to the Tender Ref. No. \_\_\_\_\_ dated \_\_\_\_\_ for RFP for selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software, as an owner/ partner/ Director of \_\_\_\_\_, I/ We hereby declare that presently our Company/ firm \_\_\_\_\_ is having unblemished record and is not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of the foregoing reasons either indefinitely or for a particular period of time by any State/ Central Government/ PSU.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Name of the SI :  
Authorized Signatory :  
Seal of the Organization :  
Business Address :  
Date :  
Place :

## 7.9 PQ – 5 : Self-Declaration – Not convicted in any criminal offense

<<To be printed on company's letterhead and signed by Authorized signatory>>

Date: dd/mm/yyyy

To,  
General Manger (IT),  
Vadodara Smart City Development Limited (VSCDL),  
IT - Department ,  
Khanderao Market Building,  
Vadodara – 390 001.

Sir/Madam,

In response to the Tender Ref. No. \_\_\_\_\_ dated \_\_\_\_\_ RFP for selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software, as an owner/ partner/ Director of \_\_\_\_\_, I/ We hereby declare that presently our Company/ firm \_\_\_\_\_ is having unblemished record and does not have our directors and officers convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications to enter a procurement contract within a period of three years preceding the commencement of the procurement process, or not have been otherwise disqualified. either indefinitely or for a particular period of time by any State/ Central Government/ PSU.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Name of the SI	:
Authorized Signatory	:
Seal of the Organization	:
Business Address	:
Date	:
Place	:

## **7.10 Affidavit**

(The affidavit format as indicated below to be furnished on non-judicial stamp paper of Rs: 300 and duly notarized)

Name of work: RFP for selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-CCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software

1. I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither our firm M/s ..... nor any of its constituent partners have abandoned any work in India nor any contract awarded to us for such works has been rescinded during last five years, from the date of this bid submission.
3. The undersigned hereby authorize(s) and request(s) any bank, person, authorities, government or public limited institutions, firm or corporation to furnish pertinent information deemed necessary and requested by the VSCDL to verify our statements or our competence and general reputation.
4. The undersigned understands and agreed that further qualifying information may be requested, and agrees to furnish any such information at the request of the VSCDL.
5. The VSCDL and its authorized representative are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this application and to seek clarification from our bankers and clients regarding any financial and technical aspects. This Affidavit will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information, to provide such information deemed necessary and requested by you to verify statements and information provided in the tender or with regard to the resources, experience and competence of the Applicant.
6. My/ our offer shall not be considered in case of fake/ forged document(s) found during verification at any stage or at any stage of contract. I/ We are agreed to whatever action (s) taken by competent authority of corporation in the aforesaid circumstances such as forfeiture of security deposit and debarring from participation in future tenders for the period/ years as deemed fit by the corporation and informing the same to all other state/ central level Government/ semi government organizations.

Signed by the Authorized Signatory of the

firm Title of the office:

Name of the firm:

Date:

## 7.11 Financial Bid format

### A: Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project for 1 year

Note: The quoted rate for 1 year will be applicable for all the years throughout entire contract period.

Sr. No.	Item Description	Qty.	Unit	5 years charges with All Taxes (INR)
1	Comprehensive Annual Maintenance Contract of existing integrated CCC as per RFP BOQ (Rate should be for 5 Years with All Taxes) (VSCDL may ask for rate bifurcation)	1	Number	0
2	Comprehensive Annual Maintenance Contract of existing DC Infra as per RFP BOQ (Rate should be for 5 Years with All Taxes) (VSCDL may ask for rate bifurcation)	1	Number	0
3	Comprehensive Annual Maintenance Contract of existing DR Infra as per RFP BOQ (Rate should be for 5 Years with All Taxes) (VSCDL may ask for rate bifurcation)	1	Number	0
4	Comprehensive Annual Maintenance Contract of existing Edge Devices & IoT as per RFP BOQ (Rate should be for 5 Years with All Taxes) (VSCDL may ask for rate bifurcation)	1	Number	0
5	Comprehensive Annual Maintenance Contract of existing OFC Cabling as per RFP BOQ(Rate should be for 5 Years with All Taxes) (VSCDL may ask for rate bifurcation)	1	Number	0
6	Manpower Services as per RFP BOQ(Rate should be for 5 Years with All taxes) (VSCDL may ask for rate bifurcation)	1	Number	0

**Note:**

- All BOQ items mentioned should be incorporated into the above six line items only.
- L1 will be consider based on total of Sr. No. 1 to 6.
- The commercial evaluation will be done on Lowest Cost (L1) basis only.

**7.12**

**PQ – 7: MAF**

**Manufacturer's Authorization Format (MAF) From OEM**

Ref:

Date:

To,  
General Manger (IT),  
Vadodara Smart City Development Limited(VSCDL),  
IT - Department,  
Khanderao Market Building,  
Vadodara – 390 001.

Subject: Manufacturer Authorization Letter for RFP No. ....

Sir,

We, <OEM Name> having our registered office at <OEM address>, hereinafter referred to as OEM are an established manufacturer of the following items quoted by <Bidder Name> having their registered office at <Bidder address>, hereinafter referred to as Bidder.

Item – 1: \_\_\_\_\_

We <OEM Name> authorize <Bidder's name> to quote our above-mentioned product for above mentioned tender.

We confirm that we have understood the delivery & installation timelines defined in the tender. We confirm that we have worked out all necessary logistics and pricing agreement with <Bidder name>, and there won't be any delay in delivery, installation and support due to any delay from our side. Our full support is extended in all respects for supply, warranty and maintenance of our products. We also ensure to provide the required spares and service support for the supplied equipment as per tender terms. In case of any difficulties in logging complaint at bidder end, user shall have option to log complaint at our call support Centre.

We hereby declare that the proposed product complies with all the specifications defined and desired in this RFP and subsequent corrigenda.

If any product is declared end of life, we shall proactively ensure that a suitable equivalent or higher roll over product is offered through the existing bidder <(Bidder)> to VSCDL for due approval, contract and order executions thereafter without any additional cost to the VSCDL.

Thanking You

For <OEM/ Manufacturer name>

< (Authorized Signatory)>

**Name:**

**Designation:**

**Contact Details:**

**Seal of the Company**

**NOTE:**

1. The letter should be submitted on the letter head of the manufacturer / OEM and should be signed by the authorized signatory.

### **7.13 PQ – 8 : Self Certification by Bidder and OEM**

(This shall be provided on INR 300/- Non-Judicial stamp paper.)

Date:

DD/MM/YYYY

Tender Ref No.

To,  
General Manger (IT),  
Vadodara Smart City Development Limited(VSCDL),  
IT - Department,  
Khanderao Market Building,  
Vadodara – 390 001.

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/OEM>>.

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that <<Name of Bidder/OEM>> is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that <<Name of Bidder/OEM>> fulfills all requirements in this regard and eligible to be considered. [Where applicable, evidence of valid registration by Competent Authority shall be attached.]

If given information is found to be false, this would be ground for immediate termination and further legal action in accordance with law.

Authorized Signatory:

Name:

Designation:

Name of the Bidder/OEM:

Address:

Company Seal:



#### 7.14 TQ – 6: Curriculum Vitae of Project Team

Sr.No.	Details	Response
1	Proposed Position & Skill Set	
2	Name of Firm	
3	Name of Staff [Insert full name]	
4	Date of Birth	
5	Education [Indicate college/university and other specialized education of staff member, giving names of institutions, degrees obtained, and dates of obtainment]	
6	Membership of Professional Associations / Societies	
7	Summary of key Training and Certifications	
8	Countries of Work Experience: [List countries where staff has worked in the last ten years]	
9	Language Proficiency	(Read/Write/Speak) - (Excellent/Good/Fair)
10	Number of years of experience	
11	Employment Record [Starting with present position, list in reverse order every employment held by staff member since graduation, giving for each employment as per format provided]	From [Year]:_____To [Year]:_____ Employer: Positions held:
12	Detailed Tasks Assigned [List all tasks to be performed under this assignment]	
13	Highlights of assignments handled and significant accomplishments. [Among the assignments in which the staff has been involved, indicate the following information for those assignments that best illustrate staff capability to handle the tasks listed under point 12.]	Name of assignment or project: Year: Location: Client: Main project features: Positions held: Activities performed:

## 7.15

### Commercial Bid Cover Letter

*<<To be printed on letter head of SI and signed by Authorized signatory>>*

Date: dd/mm/yyyy

To,  
General Manger (IT),  
Vadodara Smart City Development Limited(VSCDL),  
IT - Department,  
Khanderao Market Building,  
Vadodara – 390 001...

Subject: RFP for selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software

Reference: Tender No :< No> Dated<DD/MM/YYYY>

Dear Sir/ Madam,

We, the undersigned Implementation Agency, having read and examined in detail all the bidding documents in respect of “RFP for selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software” do hereby propose to provide services as specified in the BidDocument referred above.

#### PRICE AND VALIDITY

All the prices mentioned in our Tender are in accordance with the terms as specified in the Tender documents. All the prices and other terms and conditions of this Tender are valid for entire contract duration.

We hereby confirm that our Tender prices include all taxes. Taxes are quoted separately under relevant sections, as specified in the Bid Document formats.

We have studied the clause relating to Indian Income Tax and hereby declare that if any income tax, surcharge on Income Tax, Professional and any other corporate Tax in altercated under the law, we shall pay the same.

#### DEVIATIONS

We declare that all the services shall be performed strictly in accordance with the Bid Documents and there are no deviations

Further we agree that additional conditions, if any, found in our bid documents, shall not be given effect to.

#### QUALIFYING DATA

We confirm having submitted the information as required by you in your Instruction to Implementation Agency. In case you require any other further information/documentary proof in this regard before evaluation of our Tender, we agree to furnish the same in time to your satisfaction.

#### BID PRICE

We declare that our Bid Price is for the entire scope of the work as specified in the Bid Document. The bid price at which the contract is awarded shall hold good for entire tenure of the contract. These prices are indicated in the subsequent sub-sections of this Section.

#### CONTRACT PERFORMANCE GUARANTEE BOND

We hereby declare that in case the contract is awarded to us, we shall submit the contract Performance Bank Guarantee in the form prescribed in the Bid Document.

We hereby declare that our Tender is made in good faith, without collusion or fraud and the information contained in the Tender is true and correct to the best of our knowledge and belief.

We understand that our Tender is binding on us and that you are not bound to accept a Tender you receive. We confirm that no technical deviations are attached here with this commercial offer.

Thanking you,

Yours

faithfully,

(Signature of the Authorized Signatory)

Name

Designation

Seal.

Date:

Place:

Business Address:

## 7.16 Bank Guarantee format for EMD

### FORMAT OF THE UNCONDITIONAL AND IRREVOCABLE BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

(To be submitted on INR 300/- non-judicial stamp paper)

In consideration of the .....(*Insert name of the Bidder*) submitting the Bid *inter alia* for “RFP for selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software”, for meeting the terms and conditions in response to the RFP DOCUMENT----- dated -----

----- issued by **Vadodara Smart City Development Limited** (“VSCDL”), and VSCDL agreeing to consider the Bid of.....[*Insert the name of the Bidder*] in accordance with the terms of the E-BID DOCUMENT, the ..... (Insert name and address of the bank issuing the Bid Bond, and address of the head office) (Here in after referred to as “Guarantor Bank”) hereby agrees unequivocally, irrevocably and unconditionally to pay to VSCDL or its authorized representative at..[*Insert Name of the Place from the address of VSCDL*] forthwith on demand in writing from VSCDL or any representative authorized by it in this behalf an amount not exceeding Rupees.....on behalf of M/s ..... [Insert name of the Bidder].

This guarantee shall be valid and binding on the Guarantor Bank up to and including ..... (*Insert date of validity of Earnest Money Deposit in accordance with the terms of reference of the E-BID DOCUMENT*) and shall not be terminable by notice or any change in the constitution of the Guarantor Bank or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between concerned parties.

Our liability under this Guarantee is restricted to Rupees ..... (Rs.....).

VSCDL or its authorized representative shall be entitled to invoke this Guarantee until ..... [*Insert Date, which is six months after the date in the preceding sentence*]. The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand from VSCDL or its authorized representative, made in any format, raised at the above mentioned address of the Guarantor Bank, in order to make the said payment to VSCDL or its authorized representative.

The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection, disputes, or disparities raised by the Bidder or any other person. The Guarantor Bank shall not require VSCDL or its authorized representative to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against VSCDL or its authorized representative in respect of any payment made hereunder.

This BANK GUARANTEE shall be payable at Vadodara.

This BANK GUARANTEE shall be interpreted in accordance with the laws of India and the courts at ..... shall have exclusive jurisdiction.

The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

This BANK GUARANTEE shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Guarantor Bank.

This BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and accordingly, VSCDL or its authorized representative shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against the Bidder, to make any claim against or any demand on the Bidder or to give any notice to the Bidder to enforce any security held by VSCDL or its authorized representative or to exercise, levy or enforce any distress, diligence or other process against the Bidder.

The Guarantor Bank hereby agrees and acknowledges that VSCDL shall have a right to invoke this Bank Guarantee either in part or in full, as it may deem fit.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to Rupees ..... and it shall remain in force until ..... [Date to be inserted on the basis of Terms of Reference of the E-BID DOCUMENT], with an additional claim period of 6 (six) months thereafter. We are liable to pay the guaranteed amount or any part thereof under this BANK GUARANTEE only if VSCDL or its authorized representative serves upon us a written claim or demand.

In witness whereof the Bank, through its authorized officer, has set its hand and stamp on this

..... day of ..... at .....

**Witness:**

Signature	Signature
Name	Name
Address	Address
Designation with Bank Stamp Signature	Designation with Bank Stamp Signature

Name and address

Attorney as per power of attorney No. ....

For .....[Insert Name of the Bank]

**Banker's Stamp and Full Address:**

Dated this ..... day of ..... 2024.

Note: The Stamp Paper should be in the name of the Executing Bank

## 7.17 Format for Performance Bank Guarantee

<< To be printed on INR 300/- Stamp Paper >>

IN CONSIDERATION OF ..... Through  
.....

VSCDL, Vadodara (Vadodara Smart City Development Limited) for “selection of System Integrator (SI) for Comprehensive Annual Maintenance Contract (CAMC) of VSCDL-ICCC project infrastructure with Integrated Command Control Centre, Edge Devices and allied software” (hereinafter referred to as the “said work”) on the terms and conditions of the AGREEMENT dated the .....day  
of

..... 2023 executed between VSCDL on the one part and the Company (Name of the Company) on the other part (hereinafter referred to as “the said AGREEMENT) and on the terms and conditions specified in the Contract, Form of Offer and Form of acceptance of Offer, true and complete copies of the offer submitted by the Company, the said Acceptance of Offer and the said AGREEMENT are annexed hereto.

The Company has agreed to furnish VSCDL in Guarantee of the Nationalized Bank for the sum of Rs .....(Agreement in Words and Figures) only which shall be the Security Deposit for the due performance of the terms covenants and conditions of the said AGREEMENT. We.....  
Bank Registered in India under Act and having one of our Local Head Office at .....  
do hereby guarantee to VSCDL in..... Department.

- i. Due performance and observances by the Company of the terms covenants and conditions on the part of the Company contained in the said AGREEMENT, AND
- ii. Due and punctual payment by the Company to VSCDL of all sum of money, losses, damages, costs, charges, penalties and expenses that may become due or payable to VSCDL by or from the Company by reason of or in consequence of any breach, non-performance or default on the part of the Company of the terms covenants and conditions under or in respect of the said AGREEMENT.

AND FOR THE consideration aforesaid, we do hereby undertake to pay to VSCDL on demand without delay demur the said sum of INR.....(Rupees ..... only) together with interest thereon at the rate prescribed under .....from the date of demand till payment or such lesser sum, as may be demanded by VSCDL from us as and by way of indemnity on account of any loss or damage caused to or suffered by VSCDL by reason of any breach, non-performance or default by the Company of the terms, covenants and conditions contained in the said AGREEMENT or in the due and punctual payment of the moneys payable by the Company to VSCDL thereunder and notwithstanding any dispute or disputes raised by the

Company in any suit or proceeding filed before the Court relating thereto our liability hereunder being absolute and unequivocal and irrevocable AND WE do hereby agree that –

- a) The guarantee herein contained shall remain in full force and effect during the subsistence of the said AGREEMENT and that the same will continue to be enforceable till all the claims of VSCDL are fully paid under or by virtue of the said AGREEMENT and its claims satisfied or discharged and till VSCDL certifies that the terms and conditions of the said AGREEMENT have fully and properly carried out by the Company.
- b) We shall not be discharged or released from liability under this Guarantee by reason of
  - a. any change in the Constitution of the Bank or
  - b. any arrangement entered into between VSCDL and the Company with or without our consent;
  - c. any forbearance or indulgence shown to the Company,
  - d. any variation in the terms, covenants or conditions contained in the said AGREEMENT;
  - e. any time given to the Company, OR
  - f. any other conditions or circumstances under which in a law a surety would be discharged.
- c) Our liability hereunder shall be joint and several with that of the Company as if we were the principal debtors in respect of the said sum of Rs. .... (Rupees ..... Only).
- d) We shall not revoke this guarantee during its currency except with the previous consent of VSCDL in ..... department in writing;
- e) Provided always that notwithstanding anything herein contained our liabilities under this guarantee shall be limited to the sum of Rs. .... (Rupees. .... only) and shall remain in force until VSCDL certifies that the terms and conditions of the said AGREEMENT have been fully and properly carried out by the Company.
- f) Bank hereby agrees and covenants that if at any stage default is made in payment of any instalment or any portion thereof due to VSCDL under the said AGREEMENT or if the Company fails to perform the said AGREEMENT or default shall be made in fulfilling any of the terms and conditions contained in the said AGREEMENT by the Company, the Bank shall pay to VSCDL demand without any demur, such sum as may be demanded, not exceeding Rs. .... (Rupees. .... ) and that the Bank will indemnify and keep VSCDL indemnified against all the losses pursuant to the said AGREEMENT and default on the part of the Company. The decision of VSCDL that the default has been committed by the Company shall be conclusive and final and shall be binding on the Bank/Guarantor. Similarly, the decision of VSCDL as regards the Agreement due and payable by the Company shall be final and conclusive and binding on the Bank /Guarantor.



- g) VSCDL shall have the fullest liberty and the Bank hereby gives its consent without any way affecting this guarantee and discharging the Bank/Guarantor from its liability hereunder, to vary or modify the said AGREEMENT or any terms thereof or grant any extension of time or any facility or indulgence to the Company and Guarantee shall not be released by reason of any time facility or indulgence being given to the Company or any forbearance act or omission on the part of VSCDL or by any other matter or think whatsoever which under the law, relating to sureties so releasing the guarantor and the Guarantor hereby waives all suretyship and other rights which it might otherwise be entitled to enforce.
- h) That the absence of powers on the part of the Company or VSCDL to enter into or execute the said AGREEMENT or any irregularity in the exercise of such power or invalidity of the said AGREEMENT for any reason whatsoever shall not affect the liability of the Guarantor/Bank and binding on the bank notwithstanding any abnormality or irregularity
- i) The Guarantor agrees and declares that for enforcing this Guarantee by..... against it, the Courts at Vadodara only shall have exclusive jurisdiction and the Guarantor hereby submits to the same

1.....  
2.....

Being respectively the Director of the Company, who in token thereof, has hereto set his respective hands in the presence of –

1.....  
2.....

## 7.18 Annexure: Component List

Bidders to note that below mentioned are the line items of the previous RFP.

Details from VSCDL Equipment for 5 year CAMC						
Srl.	Item Description	Make	Model	CCC	ZT	Total
<b>Integrated_CCC</b>						
1	Video Wall Screens- 55" LED	DELTA	LW5580TRIC	8	0	8
1 A	Video Wall Screens- 55" LED (SCADA)	Christie	FHD552-X 135-004105-XX	8	0	8
2	Video Wall Controller and Cabling & Other Fixtures	DELTA	ICON Pro	1	0	1
3	Video Wall Management Software	DELTA	ICON Pro	1	0	1
4	CCC Monitoring Workstations	Dell	Dell Precision T5810	23	0	23
	Monitors			69	0	69
5	A0 Plotter	HP	HP Designjet T520 36	1	0	1
6	IP Phones	Grand Stream	GXP1620/1625	100	0	100
7	Indoor Fixed Dome Cameras for internal surveillance	INFINOVA	VH121-A20B-A0 Series	10	0	10
8	Indoor Wi-Fi Access Point for CCC Building	HP	Aruba IAP-207	10	0	10
9	LCD Projector	Sony	VPL-DW241	3	0	3
10	LAN Switches	HP	HPE 5130 24G PoE+ 4SFP+ EI Switch- 4 no HPE 5130 24G 4SFP+ EI Switch- 4 no HPE 5130 48G PoE+ 4SFP+ EI Switch- 3no HPE 5130 48G 4SFP+ EI Switch- 2 no	1	0	1
11	Networking/IT Rack	Rittal	42U	1	0	1
12	Networking Cost (LAN/ Passive Components)	Standard	Standard	1	0	1
13	Electrical Cabling & Necessary Illumination Devices	Standard	Standard	1	0	1
14	Fire Safety System with Alarms	SIEMENS	SIEMENS	1	0	1
15	Access Control System for CCC Building (including DC Area)	Matrix	Matrix	1	0	1
16	Access Control Staff ID Cards with Lanyards	Matrix	Matrix	200	0	200
17	Public Address System (Conventional) for CCC Building (Speaker)	CMS	CityView-PAS	4	0	4
<b>Common DC Infra</b>						
18	DC Core Router	HP	HPE HSR6804	2	0	2
19	Internet Routers	HP	HPE HSR6802	2	0	2
20	DC Switches (All Types)	HP	Core - HPE 7500 ToR - HPE FN 5940	13	0	13
	DC Switches (All Types)	HP	Core - HPE 7500 ToR - HPE FN 5940	0	1	1
21	Firewall	Fortigate	FG-800D	2	0	2
22	Intrusion Prevention System	Fortigate	FG-800D	2	0	2
23	Server Load Balancer	Array	AVX 3600	2	0	2
24	Enterprise Management System (including SLA Management, Helpdesk Management, Network	HP	Microfouce	1	0	1

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	Management, BMS)					
25	Anti-virus Software for Servers	Trend Micro	Deep Security –Malware Prevention	20	0	20
25 A	Anti-virus Software for Servers	Trend Micro	Deep Security –Malware Prevention	0	20	20
26	Backup Software	HP	Data Protector Starter Pack Windows E-LTU -01 Data Protector On-line Backup for Windows E-LTU-16 DP drive ext UNIX/NAS/SAN E-LTU -02 Data Protector Granular Recovery Extension SW E-LTU -14	1	0	1
27	Tape Drive	HP	HPE MSL4048	1	0	1
28	Server/Networking Racks for all Infra in DC	Rittal	42U	7	0	7
28 A	Server/Networking Racks for all Infra in DC	Rittal	42U	0	1	1
29	Indoor Fixed Dome Camera for Surveillance	INFINOVA	VH121-A20B-A0 Series	4	0	4
30	VOIP Gateway for IP PBX (IP Phone Intercom Communication) primary and secondary	Coral	Coral	2	0	2
31	Networking Cost (Passive Components)	Standard	Standard	1	0	1
31 A	Networking Cost (Passive Components)	Standard	Standard	0	1	1
<b>Servers (Inclusive of Operating System) and Storage Solution</b>						0
32	Blade Servers	HP	HP BLc7000	14	0	14
32 A	Blade Servers	HP	HPE Synergy 480 Gen10	0	4	4
33	Chassis for Blade Server	HP	HPE BL460c	1	0	1
33 A	Chassis for Blade Server	HP	HPE Synergy 12000 Frame	0	1	1
34	Storage for DC	HP	HPE 3PAR 8440	2400	0	2400
34 A	Storage for DC	HP	HPE 3PAR 8440	0	384	384
<b>Application and System Software*</b>						
35	CCC Software - Base License Cost - CCC Users (In Addition to Existing CCC User-Unlimited Licenses)	IBM_IOC	IBM_IOC	1	0	1
36	CCC Software - Base License Cost - Mobile User-Unlimited	IBM_IOC	IBM_IOC	1	0	1
37	CCC Software - Sensor/Devices License Cost-Unlimited	IBM_IOC	IBM_IOC	1	0	1
38	Virtualization Software	VMWARE	Vmware Vsphere 6 standard-20 Vmware Vcenter Server-1	20	0	20
38 A	Virtualization Software	VMWARE	Vmware Vsphere 6 standard-20 Vmware Vcenter Server-1	0	8	8
39	RDBMS Licenses	Microsoft	Microsoft@SQLSvrEnterpriseCore 2017 Sngl OLP 2Licenses LevelC CoreLic	2	0	2
39 A	RDBMS Licenses	Microsoft	Microsoft@SQLSvrEnterpriseCore 2017 Sngl OLP 2Licenses LevelC CoreLic	0	2	2
40	Video Management System	Videonetics	X-Protect	250	0	250
40 A	Video Management System	Videonetics	X-Protect	0	324	324
41	Video Analytics	Videonetics	Videonetics	175	0	175
41 A	Video Analytics	Videonetics	Videonetics	0	260	260
42	ATCS Software Solution	CMS	TraffView	1	0	1
43	Public Address System Software	CMS	CMS	1	0	1
44	Emergency Calling Box Software	CMS	CMS	1	0	1

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45	Variable Messaging Signage System Software	CMS	CMS	1	0	1
<b>Non-IT Infrastructure for DC Area</b>						<b>0</b>
46	Fire Alarm System	SIEMENS	RE-120-GROP-121+DB-11	1	0	1
47	Smoke Detector System/VESDA	SIEMENS	VLF-250	1	0	1
48	Water Leak Detection System	Sontay	JS04 WD-AM2 CS10	1	0	1
49	Rodent Repellent System	Maser	VHFO-V2	1	0	1
50	Fire Suppression System	SIEMENS	NOVEC-1230	1	0	1
51	Fire Proof Enclosure	SIEMENS	SIEMENS	1	0	1
52	PAC System	Vertive	PEX 120 EC (DC)	1	0	1
53	UPS System	EATON	Model : 93E Series ( 40 KVA X 3) UPS Room	3	0	3
53 A	Batteries for UPS	Nos.		120	0	120
53 B	Rack for the Batteries for UPS	Nos.		6	0	6
<b>DR INFRA &amp; Bandwidht</b>						<b>0</b>
54	DR Infra	ESDS	ESDS	1	0	1
55	DRM (DC-DR Sync) Software	ESCD/IBM	IBM Resiliency Orchestration	1	0	1
56	DC-DR Leased Line (100 GB x 2)	ESDS	ESDS	2	0	2
57	Virtual Machines for exiting Projects	ESDS	ESDS	200	0	200
58	J.5 Additional Common SAN storage of 500 GB	ESDS	ESDS	10	0	10
<b>CCTV Edge Devies</b>						
59	Outdoor Fixed Box Cameras (CCTV Camera, Housing, Wall mount bracket, Power supply)	INFINOVA	VT210-A2-B0	150	0	150
59A	Outdoor Fixed Box Cameras (CCTV Camera, Housing, Wall mount bracket, Power supply)	INFINOVA	VT210-A2-B0	0	260	260
59B	Outdoor Fixed Box Cameras - Lens (8 to 50 mm)	INFINOVA	8-55 MM	150	0	150
59 C	Outdoor Fixed Box Cameras - Lens (8 to 50 mm)	INFINOVA	8-55 MM	0	260	260
60	Outdoor PTZ Cameras	INFINOVA	VT231-A230-A061	75	0	75
60A	Outdoor PTZ Cameras	INFINOVA	VT231-A230-A061	0	37	37
61	ANPR Camera (CCTV Camera, Housing, Wall mount bracket, Power supply)	INFINOVA	V1405-10SHBP	25	0	25
61A	ANPR Camera (CCTV Camera, Housing, Wall mount bracket, Power supply)	INFINOVA	V1405-10SHBP	0	27	27
61B	ANPR Camera - Lens (8 to 50 mm)	INFINOVA	CBC/Infinoa	25	0	25
61C	ANPR Camera - Lens (8 to 50 mm)	INFINOVA	CBC/Infinoa	0	27	27
62	ANPR Software/ LPU Solution (Excluding Camera)	Videonetics	ITMS-ANPR-CCL	15	0	15
63	IR Illuminator	Sparsh	Sa-IR50	25	0	25
63A	IR Illuminator	Sparsh	Sa-IR50	0	27	27
64	Poles for Cameras and Equipment	Standard	Standard	150	0	150
65	MGVCL Electrical Power connection and billing	Standard	Standard	150	0	150
66	Edge Level Switches	Moxa	EDS-G512E-8PoE-4GSFP	150		150
67	Edge Level Switches	Moxa- AMRUT (31/10/26)	EDS-G512E-8PoE-4GSFP	15	0	15

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68	Edge Level Switches	Moxa	EDS-P506E-4PoE-2GTXSFP	0	0	0
69	Field Junction Box	Rittal	18U ( 1kVA )	100	0	100
69A	Field Junction Box	Rittal	26 U ( 2 KVA )	16	0	16
69B	Field Junction Box	Rittal	32 U ( 6 KVA )	21	0	21
69C	Field Junction Box	Rittal AMRUT (31/10/26)	32 U ( 6 KVA )	15		15
70	Networking Cost (Passive Component: Patch Panel, LIU, OFC, Cat6 Cable, Patch Cords, Pipes, Earthing, Lighting Arrester, etc.)	Standard	Standard	150	0	150
71	UPS/DC Power Supply for Field Locations Batteris & Rack	EATON	9145( 1 KVA )	100	0	100
71A	UPS/DC Power Supply for Field Locations Batteris & Rack	EATON	9145( 2KVA)	16	0	16
71 B	UPS/DC Power Supply for Field Locations Batteris & Rack	EATON	9145( 6 KVA)	21	0	21
71C	Batteries & Rack Quantity for above UPS			848	0	848
71 D	UPS/DC Power Supply for Field Locations Batteris & Rack	EATON- AMRUT (31/10/26)	9145( 6 KVA)	15	0	15
72	Digging, Piping & Re-filling, including Digging for Electrical Cabling	Standard	Standard	150	0	150
<b>Optical Cable</b>						
73	Outdoor 48 Core Optical Cable ( CAMC - Manage & Maintain )	Biral	Biral 48 core + Including All Ducts & All Accessories + Installation of OFC by Trenchless Techniques + Manual Trenching + Splicing etc.	116	0	116
74	Outdoor 48 core optical cable & RF (Point to Point Connectivity) Point to point connectivity for Ajwa & Nimeta Locations with		48 core + Including All Ducts & All Accessories + Installation of OFC by Trenchless Techniques + Manual Trenching + Splicing etc. a. Self - support Tower - 3 qty : b. Wireless Device - 3 Pair	3	0	3
<b>Optical Cable - Zonal Office PoP Equipment</b>						
75	PoP Aggregation Router/Switch	HPE	HPE 5510 24G SFP 4SFP+ HI Switch	8	0	8
76	AC Rack	Rittal	42 U AC Rack	4	0	4
77	Cable Manager	HPE	HPE	8	0	8
78	SFP (1*40G) Ports	HPE	HPE X140 40G QSFP+ MPO SR4 C-TRX	8	0	8
79	SFP (1*10G) Ports	HPE	HPE X130 10G SFP+ LC SR TRANSCEIVER	32	0	32
80	Copper SFP	HPE	HPE X120 1G SFP RJ45 TRANSCEIVER	32	0	32
81	Indoor Switch	HPE	HPE 5130 24G PoE+ 4SFP+ EI Switch HPE 5130 24G + 4SFP+ EI Switch	8	0	8
82	LIU Loaded with Pigtails and Splice Tray	3M	48 core	8	0	8
83	UPS - 3 KVA - 4 Hour Backup	EATON	9145	4	0	4
84	Batteris & Rack	Exide	12v 100 AH batteries and 4 no per ups 3 KVA racks	32	0	32 Batteries + 4 Rack
<b>Variable Messaging Sign Boards -VMB</b>				0		
85	VMS Board (Including VMS Controller and Mounting Structure as per Specifications) & (Update controller which support live stream)	CMS	Mod VMS (VMD controller needs to upgrade which support Live stream , URL , You tube link etc)	21	0	21
	VMS Board (Including VMS Controller and Mounting Structure as per Specifications) & (Update controller which support live stream)	CMS- AMRUT (31/10/26)	Mod VMS (VMD controller needs to upgrade which support Live stream , URL , You tube link etc)	15		15
<b>ATCS</b>				0		
86	ATCS Traffic Controller	CMS	UCON	39	0	39

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87	ATCS Traffic Controller	CMS	UCON	0	2	2
88	Traffic/Vehicle Detector Sensor/ Camera	Traficam(FLIR)	10-6090A	140	0	140
89	Traffic/Vehicle Detector Sensor/ Camera	Traficam(FLIR)	10-6090A	0	13	13
90	Traffic Light Aspects - Red	LioTech	LioTech	168	0	168
90 A	Traffic Light Aspects - Red	LioTech	LioTech	0	42	42
91	Traffic Light Aspects - Green	LioTech	LioTech	288	0	288
91 A	Traffic Light Aspects - Green	LioTech	LioTech	0	216	216
92	Traffic Light Aspects - Amber	LioTech	LioTech	168	0	168
92 A	Traffic Light Aspects - Amber	LioTech	LioTech	0	42	42
93	Countdown Timer	LioTech	Full Matrix GCDT	56	0	56
93A	Countdown Timer	LioTech	Full Matrix GCDT	0	96	96
94	Galvanized Cantilever Poles	Standard	Standard	36	0	36
94A	Galvanized Cantilever Poles	Standard	Standard	0	21	21
95	Galvanized Standard Poles	Standard	Standard	36	0	36
95A	Galvanized Standard Poles	Standard	Standard	0	53	53
96	Pedestrian Lamp Heads - Stop Man	LioTech	Full Matrix GCDT	86	0	86
96A	Pedestrian Lamp Heads - Stop Man	LioTech	Full Matrix GCDT	0	56	56
97	Pedestrian Lamp Heads - Walk Man	LioTech	Full Matrix GCDT	86	0	86
97A	Pedestrian Lamp Heads - Walk Man	LioTech	Full Matrix GCDT	0	56	56
98	UPS/DC Power Supply	EATON	2000IN XL 2KVA	39	0	39
98A	UPS/DC Power Supply	EATON	2000IN XL 2KVA	0	2	2
99	Junction Box/ Cabinets	CMS	UCON	39	0	39
99A	Junction Box/ Cabinets	CMS	UCON	0	2	2
100	Cables, HDPE Piping, Trenching, Required Civil Work, etc. per Location	Standard	Standard	39	0	39
100A	Cables, HDPE Piping, Trenching, Required Civil Work, etc. per Location	Standard	Standard	0	2	2
<b>Smart Sensors</b>				0		
101	Environmental Sensor & Rain sensor	PAQS	PAQS Environmental Sensor	8	0	8
102	Emergency Call Box (ECB)	CMS	CMS-ECALL	9	0	9
102A	Emergency Call Box (ECB)	CMS	CMS-ECALL	0	10	10
103	Public Address (PA) System	CMS	CMS-PAS	13	0	13
103A	Public Address (PA) System	CMS	CMS-PAS	0	10	10
<b>Man power</b>				0		0
104	Project Manager			1		1
106	Technical Expert - Network and Security			1		1
107	Technical Expert - Server and Storage			1		1
108	Technical Expert - Video Management			1		1
109	CCC Software Expert/ Implementer			1		1
110	DC Electrician			4		4
111	Field Staff			8		8