Surat Municipal Corporation
Information Systems Department
ADDENDUM AND CORRIGENDUM-1
Name of the work: - Bid for Supply, Installation, Configuration and Integration of Networking Equipments [SSCDL-Network-03-2020]

The Bidders are requested to take note of the following changes made in the bid documents, which are to be taken in to account while submitting the bid. They shall be presumed to have done so and submitted the bid accordingly.

- This Addendum and Corrigendum-1 shall be the part of the bid documents.
- All items specified in this Addendum and Corrigendum-1 supersede relevant items to that effect as provided in the original bid documents. All other specifications, terms and conditions of the original bid document shall remain unchanged.
- The queries raised and given by bidders, but the clarifications are not made in this Addendum and Corrigendum-1 shall be considered to remain unchanged as per the terms and conditions mentioned in the original bid documents.
- **The bidders who have already submitted Technical and/or Price bid need to resubmit them.**

Highlighted Colour	What does it indicate?
No highlight	Indicates content as per original RFP document
Highlighted in Green	Indicates amendment as per this Addendum and Corrigendum

Bidders shall read and consider following points, which shall be a part of the bid documents.

Sr. No.	Tender Reference	Existing Clause	Amended / New Clause
	Page no. 18 General Terms & Condition	**5.19. Delivery schedule:** The successful agency shall deliver, install, configure and integrate the goods as detailed in this Bid within **30 calendar days** from the date of the Work/Purchase order. A penalty of 0.2% of the consideration of contract for a particular item will be charged for delayed supply and installation for delay of each day thereafter.	**5.19. Delivery schedule:** The successful agency shall deliver, install, configure and integrate the goods as detailed in this Bid within **60 calendar days** from the date of the Work/Purchase order. A penalty of 0.2% of the consideration of contract for a particular item will be charged for delayed supply and installation for delay of each day thereafter

Place :

Date :

Company stamp :

Signature of Authorized Person

Designation :

Name :

Technical Specification from Bidder and OEM must be submitted as per the below mentioned revised Technical Specifications for all items.

1. Technical (minimum) Specification

- The Bidder may participate in the bid by quoting for one, more or all the items depending on his techno-commercial capability to supply & support that range of products. Bidders are required to mention Make & Model of the product.
- The bidder can quote only one option (i.e. only one product can be quoted) against each item meeting or exceeding the below mentioned minimum specification.
- The bidder must clearly specify the features of the offered product vis-à-vis specification and deviation if any in the Column-C and Column-D of Table-I respectively.
- The exact make and model of the product offered must be specified in the Table-II provided.
- The technical spec sheet and the product brochure of the product offered should also be submitted along with technical bid.
- In case the space provided is not enough then a separate paper as per the format below can be annexed to the bid. The same must be duly signed and stamped.
- **The Technical Specification Sheet must be submitted separately on OEM's letter head as well as on Bidder's letter head (for all items). The same must be duly signed and stamped by authorized person of respective entity.**

Table-I

Item No.	Description and Minimum Specification	Matched/ [Yes/No]	Deviation from Specification /Remarks if Any	Specify Make and Model
A	B	C	D	E
1.	**48 Port all gigabit L3-Lite/Basic L3 Web Managed Switch [Cisco or HPE make]**			
	Ports			
	• Minimum 48 x RJ-45 auto-Sensing/negotiating 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, and IEEE 802.3ab Type 1000BASE-T).			
	• Either Minimum 2 x 10G BASE SFP+ ports & Minimum 2 x RJ-45 10G BASE-T ports in combination OR Minimum 4 x 10G BASE SFP+ ports with 2 x 10G BASE-T RJ-45 SFP Transceivers Modules Supplied with Product from Day one in addition to above fixed 48 ports.			
	• Auto-negotiation for speed, duplex mode and flow control & Manual controls.			
	• Auto-MDI/MDIX.			
	• IEEE 802.3X flow control.			

	• Integrated LEDs for improved visual monitoring and analysis.			
	Administrative Switch Management			
	• Must have IEEE 802.1Q Static & Trunk VLAN (4090+VLAN IDs) & Port-based VLAN.			
	• Spanning Tree Protocol (STP) to support standard IEEE 802.1D STP, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) for faster convergence, and IEEE 802.1s Multiple Spanning Tree Protocol (MSTP).			
	• SNMPv1, v2c, and v3 Configuration and management.			
	• IEEE 802.3ad Link Aggregation Control Protocol (LACP).			
	• IPv6 ready/supported.			
	• Built-in switch Web-based GUI configuration utility for easy browser-based device configuration (HTTP/HTTPS) which Supports configuration, system dashboard, system maintenance, and monitoring.			
	• Switch should be able to access via Telnet Client or SSH. (It is required for Bulk Switch management features like bulk configuration back-up & bulk firmware update through existing Motadata EMS/NMS software) OR If Switch is not having SSH/Telnet feature than OEM is required to provide Bulk Switch Management Software for switches offered along with requisite perpetual licenses for all switches purchased under this contract for bulk Switch Configuration back-up & bulk firmware update feature without an additional cost to SSCDL/SMC.			
	• Local password and restricted IP addresses for secure access to the switch.			
	• Switch should have 802.1x authentication feature.			
	• **Layer 3 IPv4 and IPv6 static Routing for manual routing configuration.**			
	• Provision of Dual flash images to provide independent primary and secondary operating system files for backup while upgrading.			
	• Intuitive web interface to upload/download the Switch software/firmware to the switch.			

	• Intuitive web interface to upload/download Configurations to and from the switch.			
	• Availability of Port statistics through industry-standard RMON			
	• Jumbo frame support for packets.			
	• Broadcast storm control to help eliminate network traffic storms.			
	• Layer 3 feature/service: Address Resolution Protocol (ARP) Switch should be able to determine the MAC address of another IP host in the same subnet and it must support static ARPs, gratuitous ARP or equivalent feature which allows detection of duplicate IP addresses. OR Switch should have Dynamic ARP Inspection or equivalent feature by which switch should eliminate ARP packets from a port if there are no static or dynamic IP/MAC bindings or if there is a discrepancy between the source or destination addresses in the ARP packet to prevent unauthorized attacks.			
	• Must have Network traffic filtering or network access control using MAC and IP based ACLs.			
	• Inbuilt Feature of Dynamic Host Configuration Protocol (DHCP) Sever which simplifies the management of large IP networks and supports client and server system. (Optional).			
	Warranty: Minimum **5 Years** OEM Direct/Back to back Comprehensive Warranty with parts, modules, software and minimum 1 Year OEM 8x5 technical support.			
	Chassis: 1U, rack-mounting kit included			
	Power: Power supply AC 230 V (50/60 Hz)			
	Proposed Make:			
	Proposed Model/Part Code:			
2.	**1G SFP LX Transceiver Module for above 48 Port Gigabit Web Managed Switches**			
	Ports			
	• Single Mode 1G BASE-LX port.			
	Warranty			
	• 5 Years comprehensive warranty.			
	• **Proposed Make:**			
	• **Proposed Model/Part Code:**			

	Note: Product quoted should be of same make/OEM as proposed Item No.1: 48 Port Gigabit Web Managed Switches and must be fully compatible.			
3.	**10G SFP+ LR Transceiver Module for above 48 Port Gigabit Web Managed Switches**			
	Ports			
	• Single Mode 10G BASE-LR port.			
	Warranty			
	• 5 Years comprehensive warranty.			
	• **Proposed Make:**			
	• **Proposed Model/Part Code:**			
	Note: Product quoted should be of same make/OEM as proposed Item No.1: 48 Port Gigabit Web Managed Switches and must be fully compatible.			
4.	**24 Port L3-Lite/Basic-L3 Web Managed Switch [Cisco or HPE make]**			
	Ports			
	• Minimum 24 x RJ-45 auto-Sensing/negotiating 10/100 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX).			
	• Either Minimum 2 x 1G BASE SFP ports & Minimum 2 x RJ-45 1G BASE-T ports in combination OR Minimum 4 x 1G BASE SFP ports with 2 x 1G BASE-T RJ-45 SFP Transceivers Modules Supplied with Product from Day one in addition to above fixed 24 ports.			
	• Auto-negotiation for speed, duplex mode and flow control & Manual for 10M Half/Full/100M Half/Full.			
	• Auto-MDI/MDIX.			
	• IEEE 802.3X flow control.			
	• Integrated LEDs for improved visual monitoring and analysis.			
	Administrative Switch Management			
	• Must have IEEE 802.1Q Static & Trunk VLAN (4090+VLAN IDs) & Port-based VLAN.			
	• Spanning Tree Protocol (STP) to support standard IEEE 802.1D STP, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) for faster convergence, and IEEE 802.1s Multiple Spanning Tree Protocol (MSTP).			
	• SNMPv1, v2c, and v3 Configuration and management.			
	• IEEE 802.3ad Link Aggregation Control Protocol (LACP).			
	• IPv6 ready/supported.			
	• Built-in switch Web-based GUI configuration utility for easy browser-			

	based device configuration (HTTP/HTTPS) which Supports configuration, system dashboard, system maintenance, and monitoring.			
	• Switch should be able to access via Telnet Client or SSH. (It is required for Bulk Switch management features like bulk configuration back-up & bulk firmware update through existing Motadata EMS/NMS software) OR If Switch is not having SSH/Telnet feature than OEM is required to provide Bulk Switch Management Software for switches offered along with requisit perpetual licenses for all switches purchased under this contract for bulk Switch Configuration back-up & bulk firmware update feature without an additional cost to SSCDL/SMC.			
	• Local password and restricted IP addresses for secure access to the switch.			
	• Switch should have 802.1x authentication feature.			
	• **Layer 3 IPv4 and IPv6 Static Routing for manual routing configuration.**			
	• Provision of Dual flash images to provide independent primary and secondary operating system files for backup while upgrading.			
	• Intuitive web interface to upload/download the Switch software/firmware to the switch.			
	• Intuitive web interface to upload/download Configurations to and from the switch.			
	• Availability of Port statistics through industry-standard RMON			
	• Jumbo frame support for packets.			
	• Broadcast storm control to help eliminate network traffic storms.			
	• Layer 3 feature/service: Address Resolution Protocol (ARP) Switch should be able to determine the MAC address of another IP host in the same subnet and it must support static ARPs, gratuitous ARP or equivalent feature which allows detection of duplicate IP addresses. **OR** Switch should have Dynamic ARP Inspection or equivalent feature by which switch should eliminate ARP packets from			

	a port if there are no static or dynamic IP/MAC bindings or if there is a discrepancy between the source or destination addresses in the ARP packet to prevent unauthorized attacks.			
	• Must have Network traffic filtering or network access control using MAC and IP based ACLs.			
	• Inbuilt Feature of Dynamic Host Configuration Protocol (DHCP) Sever which simplifies the management of large IP networks and supports client and server system. (Optional).			
	Warranty: Minimum **5 Years** OEM Direct/Back to back Comprehensive Warranty with parts, modules, software and minimum 1 Year OEM 8x5 technical support.			
	Chassis: 1U, rack-mounting kit included			
	Power: Power supply AC 230 V (50/60 Hz)			
	Proposed Make:			
	Proposed Model/Part Code:			
5.	**8 Port L3-Lite/Basic L3 Web Managed Switch [Cisco or HPE make]**			
	Ports			
	• Minimum 8 x RJ-45 ports with at least 2 x 1G BASE-T Gigabit Ethernet ports and rest 10/100 RJ-45 Fast Ethernet auto-Sensing/negotiating ports			
	• Auto-negotiation for speed, duplex mode and flow control & Manual for 10M Half/Full/100M Half/Full.			
	• Auto-MDI/MDIX.			
	• IEEE 802.3X flow control.			
	• Integrated LEDs for improved visual monitoring and analysis.			
	Administrative Switch Management			
	• Must have IEEE 802.1Q Static & Trunk VLAN (4090+VLAN IDs) & Port-based VLAN.			
	• Spanning Tree Protocol (STP) to support standard IEEE 802.1D STP, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) for faster convergence, and IEEE 802.1s Multiple Spanning Tree Protocol (MSTP).			
	• SNMPv1, v2c, and v3 Configuration and management.			
	• IEEE 802.3ad Link Aggregation Control Protocol (LACP).			
	• IPv6 ready/supported.			

	• Built-in switch Web-based GUI configuration utility for easy browser-based device configuration (HTTP/HTTPS) which Supports configuration, system dashboard, system maintenance, and monitoring.			
	• Switch should be able to access via Telnet Client or SSH. (It is required for Bulk Switch management features like bulk configuration back-up & bulk firmware update through existing Motadata EMS/NMS software) OR If Switch is not having SSH/Telnet feature than OEM is required to provide Bulk Switch Management Software for switches offered along with requisit perpetual licenses for all switches purchased under this contract for bulk Switch Configuration back-up & bulk firmware update feature without an additional cost to SSCDL/SMC.			
	• Local password and restricted IP addresses for secure access to the switch.			
	• Switch should have 802.1x authentication feature.			
	• **Layer 3 IPv4 and IPv6 Static Routing for manual routing configuration.**			
	• Provision of Dual flash images to provide independent primary and secondary operating system files for backup while upgrading.			
	• Intuitive web interface to upload/download the Switch software/firmware to the switch.			
	• Intuitive web interface to upload/download Configurations to and from the switch.			
	• Availability of Port statistics through industry-standard RMON			
	• Jumbo frame support for packets.			
	• Broadcast storm control to help eliminate network traffic storms.			
	• Layer 3 feature/service: Address Resolution Protocol (ARP) Switch should be able to determine the MAC address of another IP host in the same subnet and it must support static ARPs, gratuitous ARP or equivalent feature which allows detection of duplicate IP addresses. **OR**			

	Switch should have Dynamic ARP Inspection or equivalent feature by which switch should eliminate ARP packets from a port if there are no static or dynamic IP/MAC bindings or if there is a discrepancy between the source or destination addresses in the ARP packet to prevent unauthorized attacks.			
	• Must have Network traffic filtering or network access control using MAC and IP based ACLs.			
	• Inbuilt Feature of Dynamic Host Configuration Protocol (DHCP) Sever which simplifies the management of large IP networks and supports client and server system. (Optional).			
	Warranty: Minimum **5 Years** OEM Direct/Back to back Comprehensive Warranty with parts, modules, software and minimum 1 Year OEM 8x5 technical support.			
	Chassis: 1U, rack-mounting kit included			
	Power: Power supply AC 230 V (50/60 Hz)			
	Proposed Make:			
	Proposed Model/Part Code:			
6.	**16 Port UnManaged Switch**			
	Ports			
	• Minimum 16 x RJ-45 auto-Sensing/negotiating 10/100 Fast Ethernet ports			
	• Auto-MDI/MDIX.			
	• IEEE 802.3X flow control.			
	• Integrated LEDs for improved visual monitoring and analysis.			
	• Desktop or wall-mounting design.			
	• Plug-and-play installation			
	Warranty: • Min. **5 Years** Comprehensive onsite Replacement warranty with parts & Power Adaptor (If any).			
	• **Proposed Make:**			
	• **Proposed Model/Part Code:**			
7.	**8 Port UnManaged Switch**			
	Ports			
	• Minimum 8 x RJ-45 auto-Sensing/negotiating 10/100 Fast Ethernet ports			
	• Auto-MDI/MDIX.			
	• IEEE 802.3X flow control.			

	• Integrated LEDs for improved visual monitoring and analysis.			
	• Desktop or wall-mounting design.			
	• Plug-and-play installation			
	Warranty: • Min. **5 Years** Comprehensive onsite Replacement warranty with parts & Power Adaptor.			
	• **Proposed Make:**			
	• **Proposed Model/Part Code:**			
8.	**6U Wall Mount Network Rack (Legrand-Valrack, APC- Schneider, Rittal, Netrack, APW President make)**			
	Rack Size			
	• 6U Wall mount with min. Depth of 500mm			
	• Lock & key with front glass door			
	• Powder coated Steel cabinet			
	Accessories to be Supplied with each rack unit			
	• Min 1 Cooling Fan			
	• Min 1 Cable Manager			
	• Min 1 Equipment placement tray			
	• Min 5 Socket/Plug Power Strip (With repair/replacement)			
	• Rack must be supplied with minimum 1 (One) no of standard hardware pack/bag (which includes mounting nut-bolts, cable ties etc.) per each Rack Unit for mounting at least 6 Nos Network/IT equipment.			
	Warranty: Min. 5 Years comprehensive warranty with parts like FAN, Power Strip (repair or replacement)			
	Proposed Make:			
	Proposed Model/Part Code:			

Table-II: Summary of Products Proposed		
#	**Description**	**Exact Make, Model, Part Code**
1.	48 Port Gigabit L3-Lite/Basic-L3 Web Managed Switch	
2.	1G SFP LX Transceiver Module for above 48 Port Switch	
3.	10G SFP+ LR Transceiver Module for above 48 Switch	
4.	24 Port L3-Lite/Basic-L3 Web Managed Switch	
5.	8 Port L3-Lite/Basic-L3 Web Managed Switch	
6.	16 Port Unmanaged Switch	
7.	8 Port Unmanaged Switch	
8.	6U Wall Mount Network Rack	

Place: Signature of Authorized Person:

Date: Designation:

Company stamp: Name: