



Surat Municipal Corporation

ADDENDUM & CORRIGENDUM-1

REQUEST FOR PROPOSAL

FOR

Implementation of Enterprise Resource Planning System
for Surat Municipal Corporation

RFP No.: RFP No.: SSCDL-ERP-RFP-02-2020

Last date for Price Bid Submission: **18.12.2020**



Invited by

Surat Smart City Development Limited

1st Floor, South Zone Office, Surat Municipal
Corporation, Opp. Satyanagar, Udhna, Surat-
394210, Gujarat, India

**ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for
Implementation of Enterprise Resource Planning System for
Surat Municipal Corporation
[RFP No.: SSCDL-ERP-RFP-02-2020]**



Surat Smart City Development Limited

ADDENDUM AND CORRIGENDUM-1

RFP Notification No.: RFP No.: SSCDL-ERP-RFP-02-2020

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

- This Addendum and Corrigendum shall be the part of the RFP documents.
- All items specified in this Addendum and Corrigendum supersede relevant items to that effect as provided in the original RFP documents. All other specifications, terms and conditions of the original RFP document shall remain unchanged.
- Bidder shall read and consider following points, which shall be a part of the RFP documents.
- All the changes mentioned in this document should be read across the RFP, Addendum & Corrigendum, wherever applicable.
- **The queries raised and given by bidders, but the clarifications are not made in this Addendum and Corrigendum shall be considered to remain unchanged as per the terms and conditions mentioned in the original RFP documents.**

Changes with respect to RFP Schedule

Please note that with respect to tendering schedules, the following changes have been effected. Bidders are requested to take note of the same and adhere to the dates specified hereunder with regards to Price Bid Submission and Technical Bid Submission:

Particular	Current Dates	Proposed Dates
Online Price Bid Submission Date	09.12.2020 up to 18:00 hrs.	18.12.2020 up to 18:00 hrs.
Technical Bid Submission (in Hard Copy) Filled-in Technical Bid along with Bid Fee, EMD and other documents	In sealed envelope strictly by RPAD/Postal Speed Post On or before 14.12.2020 up to 18:00 hrs. To the Chief Accounts, Surat Municipal Corporation, Muglisara, Surat – 395003, Gujarat by RPAD or Speed Post Only.	In sealed envelope strictly by RPAD/Postal Speed Post On or before 24.12.2020 up to 18:00 hrs. To the Chief Accounts, Surat Municipal Corporation, Muglisara, Surat – 395003, Gujarat by RPAD or Speed Post Only.

**ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of
Enterprise Resource Planning System for Surat Municipal Corporation
[RFP No.: SSCDL-ERP-RFP-02-2020]**



Other Changes

#	Section	Page No.	Reference Details	Existing Clause	Amended/New Clause
1.	2.1.3	19	Estimated number of users	Number of citizens availing services on portal – Estimated 1 lakh	Number of citizens availing services on portal – Estimated 1 lakh with estimated concurrent users at peak of around 10,000.
2.	2.5.7	64	Capacity Building & Training	Point no i The trainers imparting the training should be well versed in English and Gujarati language.	Point no i The trainers imparting the training should be well versed in English and Gujarati/Hindi language.
3.	2.7.1	71	Timelines & Deliverables	The implementation phase must be completed in (T + 425) days and post implementation support of 4 years (“Post Go Live Support”) will start on completion of Hypercare.	The implementation phase must be completed in (T + 515) days and post implementation support of 4 years (“Post Go Live Support”) will start on completion of Hypercare.
4.	2.8.7	78	Breach in supply of Onsite Manpower	Point no 1 The Selected Bidder must provide a dedicated team based in Surat to service the account of the SMC/SSCDL within 20 days from the date of award of contract.	Point no 1 The Selected Bidder must provide a dedicated team based in Surat to service the account of the SMC/SSCDL within 30 days from the date of award of contract.
5.	2.8.7	78	Breach in supply of Onsite Manpower	Point no 2 The Authority expects all the Key Personnel as specified in the resource deployment plan in the Proposal to be available during the contract period. The Authority will not consider any substitution of Key Personnel except under compelling circumstances	Point no 2 The Authority desires that all the Key Personnel specified in the Proposal to be available during the contract period. Any substitution shall be subject to equally or better qualified and experienced personnel being provided to the satisfaction of the

**ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of
Enterprise Resource Planning System for Surat Municipal Corporation
[RFP No.: SSCDL-ERP-RFP-02-2020]**



#	Section	Page No.	Reference Details	Existing Clause	Amended/New Clause
				beyond the control of the Selected Bidder and the concerned Key Personnel. Such substitution shall be subject to equally or better qualified and experienced personnel being provided to the satisfaction and approval of the Authority with an overlap period of minimum 15 days at Selected Bidder cost.	Authority with an overlap period of minimum 15 days at the cost of agency.
6.	2.8.11	82,222	Third Party Claims	<p>Clause a</p> <p>Subject to Sub-clause (b) below, the Selected bidder (the "Indemnified Party") from and against all losses, claims litigation and damages on account of bodily injury, death or damage to tangible personal property arising in favor or any person, corporation or other entity (including the Indemnified Party) attributable to the Indemnifying Party's performance or non-performance under this Agreement or the SLAs.</p>	<p>Clause a</p> <p>Subject to Sub-clause (b) below, the System Integrator (the Indemnifying Party) shall indemnify and hold harmless SSCDL and all its employees and authorised agents (the "Indemnified Party") from and against all losses, third party claims, litigation and damages on account of bodily injury, death or damage to tangible personal property arising in favor or any person, corporation or other entity (including the Indemnified Party) attributable to the Indemnifying Party's performance or non-performance under this Agreement or the SLAs</p>
7.	3.10	88	CONSORTIUM CONDITIONS	<p>Point no c</p> <p>The lead bidder will be responsible for implementing COTS ERP along with its own man power (deployed man power for COTS ERP implementation must be on the payroll of lead bidder) deployed onsite for the implementation. If required the optimum mix of resources from both prime</p>	<p>Point no c</p> <p>The lead bidder will be responsible for implementing COTS ERP along with its own man power (deployed man power for COTS ERP implementation must be on the payroll of lead bidder or proposed OEM) deployed onsite for the implementation. If required the optimum mix of resources from both prime bidder and consortium</p>

**ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of
Enterprise Resource Planning System for Surat Municipal Corporation
[RFP No.: SSCDL-ERP-RFP-02-2020]**



#	Section	Page No.	Reference Details	Existing Clause	Amended/New Clause
				bidder and consortium partner (if any) can be used for the post Hyper Care support period for COTS ERP. In such cases, the project leader must be from the prime bidder to lead the entire team during the contract period. Consortium partner (if any) can also be used for implementing and support of peripheral products and productivity tools, provided they are authorized by respective OEM as implementation partner for the same. Consortium partner can also be utilized for Gujarati language related dependencies and administrative tasks	partner (if any) can be used for the post Hyper Care support period for COTS ERP. In such cases, the project leader must be from the prime bidder to lead the entire team during the contract period. Consortium partner (if any) can also be used for implementing and support of peripheral products and productivity tools, provided they are authorized by respective OEM as implementation partner for the same. Consortium partner can also be utilized for Gujarati language related dependencies and administrative tasks
8.	9	144	Form –1.13: Proposed Solution Architecture and Infrastructure		Please refer to Annexure I for revised format
9.	9	144	Form –1.14: Format for Performance Bank Guarantee		Please refer to Annexure II for revised format
10.	11.1	168	IT Infrastructure Requirements, General Instructions	Point g For ERP production server must be on physical architecture without use of virtualization.	Point g For ERP, SI can propose the servers either as physical or on virtualization platform or as mixed environment. The proposed software, hardware and solution components including virtualization platform should be certified by the ERP OEM. Necessary supporting document in this regard should be attached as part of Form-1.13 Proposed Solution Architecture and Infrastructure.
11.	11.1	169	IT Infrastructure Requirements, General Instructions	Point h(iii) DC Production Database shall be replicated on an ongoing basis and shall be available in full as per designed RTO/RPO (2 hours/ 4 hours) and replication strategy	Point h(iii) DC Production Database shall be replicated asynchronously on an ongoing basis as per replication strategy and shall be available in full as per designed RPO/RTO (2 hours/ 4 hours)

**ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of
Enterprise Resource Planning System for Surat Municipal Corporation
[RFP No.: SSCDL-ERP-RFP-02-2020]**



#	Section	Page No.	Reference Details	Existing Clause	Amended/New Clause
12.	11.1	169	IT Infrastructure Requirements, General Instructions	Point h(vi) DC and DR should be configured in Active-Passive Mode.	Point h(vi) DC and DR should be configured in Active-Passive Mode with Asynchronous Replication between DC & DR
13.	11.1	169	IT Infrastructure Requirements, General Instructions	Point h New Point	Point h (x) SI will be required to make necessary provisions as part of proposed solution to establish secured VPN connectivity between DC and Cloud based DR for smooth data replication. The internet bandwidth for this purpose at DC end will be provided by SMC/SSCDL. Further, SI will be required to propose necessary solution components as part of “Active DR” to establish secure VPN connection directly from 50 client systems to Cloud based DR in case of disaster disrupting DC and DR connectivity. The internet bandwidth for this purpose at client systems will be provisioned by SMC/SSCDL. SI will be required to make necessary security provisions for ensuring secure connectivity in both the scenarios.
14.	11.2	186	Revised Minimum Technical Specification		Please refer to Annexure III for revised specifications of below components – 1. 10 G LAN Switch
15.	23	229	Exit Management	Point c – Employees Promptly on reasonable request at any time during the exit management period, the	This clause stands deleted

**ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of
Enterprise Resource Planning System for Surat Municipal Corporation
[RFP No.: SSCDL-ERP-RFP-02-2020]**



#	Section	Page No.	Reference Details	Existing Clause	Amended/New Clause
				<p>Successful Bidder shall, subject to applicable laws, restraints and regulations (including in particular those relating to privacy) provide to SSCDL a list of all employees (with job titles and communication address) of the Successful Bidder, dedicated to providing the services at the commencement of the exit management period; To the extent that any Transfer Regulation does not apply to any employee of the Successful Bidder, SSCDL or Replacing Vendor may make an offer of contract for services to such employee of the Successful Bidder and the Successful Bidder shall not enforce or impose any contractual provision that would prevent any such employee from being hired by the SSCDL or any Replacing Vendor.</p>	

ANNEXURE-I

Form –1.13: Proposed Solution Architecture and Infrastructure

(Detailed Requirement and design)

Architecture diagram detailing the landscape proposed:

The solution as part of the RFP shall be hosted at the Data Centre and Cloud based DR Site, whereas bidder should provide the designing and sizing of the hardware required. The bidder is required to provide the details of the proposed solution architecture and infrastructure considering the RFP requirements. The solution architecture should be in congruence with the BOQ and the Commercial Bid components and should help ascertain the need of various solution component proposed there at.

Justification/ Merits of the same highlighting:

- Reasoning for specified components over other options.
- Extent of compliance to technical requirements specified in the scope of work
- The Strategy, Approach & Methodology for installation, Configuration & housekeeping of all the key components of the project

Note: Bidder needs to attach OEM certificate with regards to proposed software, hardware and solution components including virtualization platform

ANNEXURE-II

Form –1.14: Format for Performance Bank Guarantee

<< To be printed on Rs. 300/- Stamp Paper >>

IN CONSIDERATION OF bid document submitted by _____ Through _____ for

SURAT Smart City Development Ltd (SSCDL) for Selection of Agency for **Implementation of Enterprise Resource Planning System for Surat Municipal Corporation** (hereinafter referred to as the “said work”) on the terms and conditions of the AGREEMENT dated the _____ day of _____ 20__ executed between SSCDL on the one part and _____ (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 copy of the said AGREEMENT are annexed hereto.

The Company has agreed to furnish SSCDL in Guarantee of the Nationalized Bank for the sum of Rs. <(PBG Amount in Word and Figure)> only which shall be the Security Deposit for the due performance of the terms covenants and conditions of the said AGREEMENT. We <Name of the Bank> Bank Registered in India under Act and having one of our Local Head Office at <Address of the Bank> do hereby guarantee to SSCDL.

- 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 SSCDL of all sum of money, losses, damages, costs, charges, penalties and expenses that may become due or payable to SSCDL 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 SSCDL on demand without delay demur the said sum of Rs. <(PBG Amount in Word and Figure)> or such lesser sum, as may be demanded by SSCDL from us as and by way of indemnity on account of any loss or damage caused to or suffered by SSCDL 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 SSCDL 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 SSCDL are fully paid under or by virtue of the said AGREEMENT and its claims satisfied or discharged and till SSCDL 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
 - i. any change in the Constitution of the Bank or
 - ii. any arrangement entered into between SSCDL and the Company with or without our consent;
 - iii. any forbearance or indulgence shown to the Company,
 - iv. any variation in the terms, covenants or conditions contained in the said

ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of Enterprise Resource Planning System for Surat Municipal Corporation



[RFP No.: SSCDL-ERP-RFP-02-2020]

- v. AGREEMENT;
 - vi. any time given to the Company, OR
 - vii. 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. <(PBG Amount in Word and Figure)> Only.
 - d) We shall not revoke this guarantee during its currency except with the previous consent of SSCDL in writing;
 - e) Provided always that notwithstanding anything herein contained our liabilities under this guarantee shall be limited to the sum of Rs. <(PBG Amount in Word and Figure)> only and shall remain in force until SSCDL 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 SSCDL 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 SSCDL demand without any demur, such sum as may be demanded, not exceeding Rs. <(PBG Amount in Word and Figure)> and that the Bank will indemnify and keep SSCDL indemnified against all the losses pursuant to the said AGREEMENT and default on the part of the Company. The decision of SSCDL 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 SSCDL as regards the Agreement due and payable by the Company shall be final and conclusive and binding on the Bank /Guarantor.
 - g) SSCDL 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 SSCDL 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 SSCDL 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 <SSCDL> against it, the Courts at Surat only shall have exclusive jurisdiction and the Guarantor hereby submits to the same

1.....

2.....

Being respectively the <Branch Manager of the Bank>, who in token thereof, has hereto set his respective hands in the presence of –

1.....

2.....

ANNEXURE-III

11.2 Minimum Technical Specification

- a) The bidder can quote for each item meeting or exceeding the below mentioned minimum specification. Separate sheet needs to be attached if more than one product is quoted.
- b) The specification mentioned below are minimum specification. The bidder can quote the products equivalent or higher depending upon the sizing for the entire solution.
- c) 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 respectively.
- d) The exact make and model of the product offered must be specified in the Column-E.
- e) The technical spec sheet and the product brochure of the product offered should also be submitted along with technical bid.
- f) In case the space provided is not sufficient then a separate paper as per the format below can be annexed to the bid. The same must be duly signed and stamped.
- g) The bidder is required to submit the datasheets highlighting the Technical Specification parameters in each datasheet for compliances

10G LAN SWITCH

#	Item	Matched [Yes/No]	Deviation from Specification / Remarks if Any	Specify Make, Model & Technology Name
(A)	(B)	(C)	(D)	(E)
I. 10 G LAN SWITCH				
1.	MAKE	Specify		
2.	MODEL	Any [Specify]		
3.	Switching Capacity	<ul style="list-style-type: none"> • Switching Capacity of minimum 1280 Gbps or Higher 		
4.	Ports	<ul style="list-style-type: none"> • Should have minimum 24 X 10G BASE-T RJ-45 ports and • Should have minimum 24 X 10G BASE-SFP+ SR/LR ports with all 10G SFP+ Transceivers required should be provided/ included with product from day 1. • Should have minimum 4 X 40G BASE-QSFP+ LR4/SR4 ports with 4 x 40G QSFP+ Transceivers required should be provided/included with product from day 1. 		
5.	Switch type	<ul style="list-style-type: none"> • Fully Managed & Advanced Layer 3 Core/Data Centre Switch & Non-Chassis Based 		

ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of Enterprise Resource Planning System for Surat Municipal Corporation



[RFP No.: SSCDL-ERP-RFP-02-2020]

6.	Backplane	<ul style="list-style-type: none"> Properly sized Switching fabric capacity (as per network configuration to meet performance requirements of wire speed switching for the connected devices) 			
7.	Layer-2 Features	<ul style="list-style-type: none"> Switch should Support IEEE 802.1Q VLAN encapsulation & must have feature to configure minimum 4090 VLAN IDs. The switch must support dynamic VLAN Registration or equivalent and Dynamic Trunking protocol or equivalent Switch should Support Ether Channelling - IEEE 802.3ad or port aggregation technologies (support of LACP) Switch should Support IEEE 802.3x flow control for full-duplex mode ports. Switch should Support IEEE 802.1s/w Rapid Spanning Tree Protocol (RSTP) and Multiple Spanning Tree Protocol (MSTP) Support for Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors. IGMP snooping v1, v2 and v3 Should support 32k or more ARP/MAC Address table Should support Loop protection and Loop detection. 			
8.	Layer-3 Features	<ul style="list-style-type: none"> Must have Static, OSPFv3, BGP4, RIPv2 and Policy based routing protocols with IPV4 & IPV6 supported. Should support Dual IP stack which Maintains 			

ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of Enterprise Resource Planning System for Surat Municipal Corporation



[RFP No.: SSCDL-ERP-RFP-02-2020]

		<ul style="list-style-type: none"> separate stacks for IPv4 and IPv6 			
		<ul style="list-style-type: none"> Should support Virtual Router Redundancy Protocol (VRRP). 			
		<ul style="list-style-type: none"> Should support Equal-Cost Multipath (ECMP) which provides equal-cost links in a routing environment to increase link redundancy. 			
		<ul style="list-style-type: none"> Support 802.1D, 802.1S, 802.1w, Rate limiting. 			
		<ul style="list-style-type: none"> Inter-VLAN IP routing for full Layer 3 routing between 2 or more VLANs. 			
		<ul style="list-style-type: none"> Inbuilt Feature of Dynamic Host Configuration Protocol (DHCP) Server which simplifies the management of large IP networks and supports client and server system. 			
		<ul style="list-style-type: none"> L2/L3 VXLAN and EVPN support for virtualized environments 			
9.	Network Security & QoS	<ul style="list-style-type: none"> Standard 802.1p CoS and DSCP. 			
		<ul style="list-style-type: none"> Must have Network traffic filtering and network control using MAC and IP Binding based ACLs 			
		<ul style="list-style-type: none"> Support for Asynchronous) data flows upstream and downstream from the end station or on the uplink using ingress policing and egress shaping (optional) 			
		<ul style="list-style-type: none"> Should support TACACS+ and RADIUS authentication 			
		<ul style="list-style-type: none"> Broadcast storm control to help eliminate network traffic storms 			
		<ul style="list-style-type: none"> IEEE 802.1x to allow dynamic, port-based security, providing user authentication (Optional). 			

ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of Enterprise Resource Planning System for Surat Municipal Corporation



[RFP No.: SSCDL-ERP-RFP-02-2020]

		<ul style="list-style-type: none"> VLAN ACLs (VACLs) on all VLANs to prevent unauthorized data flows from being bridged within VLANs. Port-based ACLs (PACLs) for Layer 2 interfaces to allow application of security policies on individual switch ports 			
		<ul style="list-style-type: none"> Standard and Extended IP security router ACLs to define security policies on routed interfaces for control- and data-plane traffic. 			
		<ul style="list-style-type: none"> Unicast MAC filtering to prevent the forwarding of any type of packet with a matching MAC address. 			
		<ul style="list-style-type: none"> Support for SSHv2 and SNMPv3 to provide network security by encrypting administrator traffic during Telnet and SNMP sessions. 			
		<ul style="list-style-type: none"> Private VLAN or equivalent feature to provide security and isolation between switch ports, helping ensure that users cannot snoop on other users' traffic. 			
		<ul style="list-style-type: none"> MAC address management to allow administrators for analysis of users added to or removed from the network. 			
		<ul style="list-style-type: none"> Multilevel security on console access to prevent unauthorized users from altering the switch configuration. 			
		<ul style="list-style-type: none"> IPv6 Host, Management, multicast and QoS. 			
10.	Management	<ul style="list-style-type: none"> Easy-to-use, Web-based management interface through either GUI based software utility or using standard web browser interface which Supports 			

ADDENDUM & CORRIGENDUM-1: RFP for Selection of System Integrator for Implementation of Enterprise Resource Planning System for Surat Municipal Corporation



[RFP No.: SSCDL-ERP-RFP-02-2020]

		<p>configuration, system dashboard, system maintenance, and monitoring and for easier software/firmware upgrade through network using TFTP/HTTP etc & to upload/download Configurations to and from the switch.</p> <ul style="list-style-type: none"> • In case of additional GUI based software utility, it must be included-bundled with necessary license with switch from day 1. 			
		<ul style="list-style-type: none"> • Should have accessibility using Telnet, SSH, Console access. 			
		<ul style="list-style-type: none"> • Provision of Dual flash images to provide independent primary and secondary operating system files for backup while upgrading. 			
		<ul style="list-style-type: none"> • Availability of Port statistics through industry-standard RMON 			
		<ul style="list-style-type: none"> • SNMPv1, SNMPv2 and SNMPv3. 			
11.	Networking Passive Components	<ul style="list-style-type: none"> • All types Fiber/DAC/Cat-6/Cat-7 Patch Cords of various lengths required to Interconnect Switch-Switch, Switch-Server, Switch-LIU must be provided/supplied from day one. 			
12.	Chassis:	<ul style="list-style-type: none"> • Device must have 1+1 redundant AC power input supply and must be included/supplied with switch from day 1 with necessary mounting kit. 			
13.	Warranty	24 x 7 on-site comprehensive back-to-back OEM warranty with parts during complete contract period			