

S. No	Detailed Technical Specifications	Complied (Yes / No)
	<b>General requirements (Preferred model : Juniper SRX340)</b>	
	Device should have a modular architecture	
	Minimal performance degradation when running advanced services such as stateful firewall, NAT, and IPSec.	
	<b>Hardware and interface requirements</b>	
	Device should have atleast 4 x 10/100/1000 and 2 x 1G SFP ports supporting both LAN and WAN protocols. Router should have 4 numbers of serial ports and its provision from day1.	
	The Router should have 4GB RAM and 1GB Flash	
	Device should have atleast 4 free LAN/WAN slots	
	Device should support modular LAN and WAN connectivity options including Gigabit Ethernet T1/E1, serial V.35 interface modules.	
	<b>Performance requirements</b>	
	The Device should have a minimum routing performance of 500Kpps or more	
	<b>Quality of Service (QoS) requirements</b>	
	Devices should support Class-based queuing with prioritization	
	It should be possible to configure maximum bandwidth and guaranteed bandwidth	
	Devices should support Queuing based on VLAN, DLCI, interface, bundles, or filters	
	Devices should support Marking, policing, and shaping	
	Devices should support congestion management features like WRED	
	<b>Routing protocol support</b>	
	The Device should support IPv4 and IPv6 routing	
	The Device should support VRRP	
	The Device should support Static Routes	
	The Device should support RIPv1 & RIPv2	
	The Device should have OSPFv2 and IS-IS routing features	
	The Device should support Policy Based Routing	
	The Device should support Routing over IPSec Tunnels	
	The Device should support ECMP	
	<b>Multicast Features</b>	
	Multicast Listener Discovery (MLD)	
	IGMP v1/v2/v3	
	PIM-SM, Source Specific Multicast (SSM)	
	<b>MPLS Features</b>	
	Layer 2 and Layer 3 VPN	
	LDP and RSVP	
	<b>Security features</b>	
	Devices should support AAA using RADIUS or TACACS	
	Devices should support Packet Filters	
	Devices should have Stateful Firewalling	
	Devices should support Tunnels (GRE, IP-in-IP, IPSec)	
	Devices should have DES (56-bit), 3DES (168-bit), AES (256-bit) encryption	
	Devices should support MD5 and SHA-1 authentication	
	Devices should have role based access mechanisms.	
	Devices should support Network address translation (NAT).	
	<b>Management and Troubleshooting</b>	
	Device should have Console, Telnet and Web for management	
	Devices should support Software upgrades through Web	
	Devices should support SNMPv2 and SNMPv3	
	Extensive debugs on all protocols	
	Real-time traffic-interface/sub interface statistics.	
	Real-Time Performance Monitor—service-level agreement verification probes/alerts	
	<b>Certifications</b>	
	Safety certifications UL 60950-1	

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EMC certifications FCC Class A	
The Router should be EAL 3/NDPP certified under Common Criteria.	
The Bidder company should be authorized from OEM to bid and should be an ISO 9001:2008, ISO/IEC 27001:2013, and ITIL Certified.	

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