

DETAILED SPECIFICATION OF EQUIPMENTS/DEVICES UNDER RPS PROJECT

Sr No	Item	Quantity Required
1.	Server	01
Network Devices		
2.	Routers	03
3.	Layer-2 Managed Switch	01
4.	Layer-2 unmanaged Switch	
	4-ports	04
	8-ports	04
	16-ports	02

SERVER

Processor family:	Intel® Xeon® E7 product family
Number of processors:	2
Processor core available:	10 with minimum cache of 2.5MB per core
HDD:	3 x 300 GB (Min. RAID Level)
Memory slots:	96 DIMM slots;
Memory:	12 x 16 GB DDR3 RDIMM
Drive description:	SAS/SATA/SSD; Hot plug
Network controller:	Minimum 1Gb Ethernet Adapter 4 Ports per controller
Operating System	Red Hat® Enterprise Linux®
Virtualization option	Red Hat Enterprise Virtualization®

Warranty:

3/3/3 - Server Warranty includes three years of parts, three years of labor, three years of onsite support coverage.

NETWORK DEVICES

LAYER2 MANAGED SWITCH (Switch Non POE with 1G ports)

L2 Stackable Managed Switch which has 24 Ethernet 10/100/1000 Ports and 4 10/100/1000Base-T/SFP ports , Min. 128 MB SD RAM & 16 MB Flash Memory, Non-blocking wire speed switch fabric, have Min. 56 Gbps Back plane or higher, 802.3ad Link Aggregation Up to 30 groups per device, Port Mirroring One to one/Many to One & Mirroring for Tx/Rx/Both., intelligence to detect the loop occurring from the unmanaged network segment, Automatic Negotiation for port configuration, to help minimize the configuration & errors, centralized VLAN Management

LAYER3 ROUTER

Router with 1 console port, 1 AUX port, 1 USB port, 2 10/100/1000 electrical ports, a built in hardware encryption engine, 1 slot for CF card, 4 HIC slots, BootROM min. 512K, Flash Min. 16M, SDRAM Min 256M, support for LAN/MAN protocols and various Network layer protocols, support for IPV6, VPN, VOIP and security protocols have Min. 56 Gbps Back plane speed or higher.

4 PORT UNMANAGED SWITCH

10/100/1000 Mbps fast Ethernet unmanaged network switch, Installation: Plug and Play, Management Protocols: CSMA/CD, Power Adapter Input: 100-240 V AC, 50-60 Hz, Hardware Memory: Packet Buffer Memory: 500 KB per Device, Supported Protocols: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, LEDs: System power, Link, Speed and activity indicators for each port

8 PORT UNMANAGED SWITCH

10/100/1000 Mbps fast Ethernet unmanaged network switch, Installation: Plug and Play, Management Protocols: CSMA/CD, Power Adapter Input: 100-240 V AC, 50-60 Hz, Hardware Memory: Packet Buffer Memory: 500 KB per Device, Supported Protocols: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, LEDs: System power, Link, Speed and activity indicators for each port

16 PORT UNMANAGED SWITCH

10/100/1000 Mbps fast Ethernet unmanaged network switch, Installation: Plug and Play, Management Protocols: CSMA/CD, Power Adapter Input: 100-240 V AC, 50-60 Hz, Hardware Memory: Packet Buffer Memory: 500 KB per Device, Supported Protocols: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, LEDs: System power, Link, Speed and activity indicators for each port

General Term & Conditions for various Network Devices

- All Active Components should be from the same OEM.
- All Bidders should furnish OEM authorization letter specific to this tender/requirement.
- The bidder should provide the data sheet along with the model no.
- Principal company shall certify that bidder is having adequate expertise in installing, erecting, testing and commission each and every equipment to its full working capability. In case bidder is unable to provide services to SBSSTC OEM shall provide direct support to SBSSTC.

- All installation & configuration of supplied components will be under the scope of the bidder.
- Certified trainer/ engineer of OEM shall provide training to staff member(s) of SBSSTC to their satisfaction.
- The evaluation of the Network devices will be done for the complete set of items requested.
- 3-Year Standard Warranty.