ODISHA COMPUTER APPLICATION CENTRE
OCAC BUILDING, N-1/7-D,
ACHARYA VIHAR SQUARE, NEXT TO PLANETORIUM,
BHUBANESWAR – 751013

Our Ref. No.OCAC-SEGP-INFRA-0092/2025-285 /Date 16-01-2026

Short Quotation Call Notice

Sealed quotations are invited from authorized supplier/dealer/distributor having valid document as mentioned below to supply & fixing of the following item(s) at the Office of the Orissa State Disaster Management Authority, Rajib Bhavan, Bhubaneswar.

Sl.No.	Description	Qty.	Unit	Rate (Rs.)	GST	Amount (Rs.)	Total (Rs.)
1	24 Port Gigabit L2 Managed POE switch with 4SFP+ Up Link Ports as per detail specifications at Annexure-I.	2	Nos.				
2	UTM-Hardware appliance as per detail specification at Annexure-II	1	No.				
3	Ceiling/Wall mount WiFi Access Point as per detail specification at Annexure-III	7	Nos.				
4	Wireless Controller as per detail specification at Annexure-IV	1	No.				
5	Category 6 UTP Cable (Box - 305 Meters)	6	Boxes.				
6	Cat-6 I/0 Jack single with back box and Face Plate	40	Nos.				
7	24 Port Cat 6 UTP Jack Panel with mounting kit	2	Nos.				
8	9 U Rack Mount for accommodation of the above Network Switch with all accessories(PDU, Wire Manager, Nut & Bollt kit etc.)	1	No.				
9	CAT-6 UTP Patch cable 1 Mtr.	50	Nos.				
10	CAT-6 UTP Patch cable 3 Mtrs.	40	Nos.				
11	PVC/Conduit pipe with laying of Cat-6 cable	1800	Mtrs.				
12	Fixing and wiring of IO	40	Nos.				
13	Fixing and wiring of Jack Panel	2	Nos.				
14	Fixing of Rack mount & accessories	1	No.				
15	On-Line UPS 1000 VA (with built-in battery) as per detail specification of Annexure-V	2	Nos.				
			Grand Total Rs.:				

The sealed quotations should reach the undersigned on or before 22-01-2026 at 4:00 PM. The authority reserves the right to accept/reject any or all the quotation without assigning any reason thereof. The interested firms should submit their quotations.

Documents to be enclosed:

- GST Registration certificate & OEM Authorization

General Manager(Tech)

C.C. : Notice Board and website of OCAC for information of the vendors.
N.B.: The work should be completed within 1 Week of issue of Purchase Order.

Annexure-I

1. Technical Specifications of 24 Port Layer2 Managed PoE Switch

Sl. No	Specification	Complied (Yes/No)	Remarks
1.	Switch architecture should be Fixed Form factor/ stackable based		
2.	Switch should have wire-speed, non-blocking and distributed forwarding on all the ports.		
3.	Switch should have minimum of 24 x 10/100/1000 Mbps RJ45 plus 4 x 1/10G SFP+ uplink ports.		
4.	Switch should have wire speed of data switching capacity and forwarding throughput (Mpps). Switch should have minimum 2 GB RAM and 2 GB Flash.		
5.	Switch should support min 16K MAC addresses and min 1000 active VLANs. Switch should support network segmentation that overcomes the limitation of VLANs using VXLAN and VRFs.		
6.	Switch should have full Layer 2 features and support spanning tree protocols standards like STP (IEEE 802.1d), MSTP(IEEE 802.1s) RSTP (IEEE 802.1w) etc. LACP/IEEE802.3ad, ACL, QoS and IGMPv1/v2/v3 from day one.		
7.	Switch should have Static Routing for IPv4 & IPv6 from day1. Switch should support 802.1x authentication and accounting, IPv4 and IPv6 ACLs and Dynamic VLAN assignment and MACSec-128 on hardware for all ports.		
8.	Should support 1K IGMP Groups.		
9.	All Ethernet Ports should be PoE & PoE+ enabled with 370W PoE Power budget.		
10.	Should support 8 queues per port and security protocols like RADIUS, TACACS/TACACS+, AAA & SSH. Always-on POE to that supplies POE power even during schedule reboot.		
11.	Hardware of the switch should be EAL2 / EAL3 / NDPP certified from Day1		
12.	Equipment should be minimum TEC certified or IPV6 Ready Logo Certified. IPV6 Routing & Management features should be active from Day-1.		
13.	The Switch should support IEEE 802.3az standard		
14.	All the required licenses for making the Switches fully functional should be bundled		
15.	Comprehensive Onsite OEM Warranty for 3 Years		

Annexure-II

2. Technical Specifications of NGFW

S. No.	Specifications	Compliance (Yes/No)	Remarks
1	The NGFW Firewall Software OS family should be Common criteria EAL4+ Certificate OR Indian Common Criteria Certification Scheme (IC3S).		
2	NGFW Firewall OS family or Hardware should be IPv6 ready logo certified.		
3	The NGFW Firewall OS family or Hardware should be MTCTE certification from TEC, OEM should have ISO 9001 and ISO 27001 certification.		
4	The OEM should not have been blacklisted by any State & Central government and PSU within the last 5 years.		
5	The Proposed solution should have minimum 50% MII content as DPIIT Notification.		
6	The Solution should include 2 Factor authentications (Software/Hardware) for minimum 100 Users from day one. (Solution maybe in-built or separate integrated solution). For provide secure way to serve the services to Internal OR External Users. 2FA support for Internal Users, VPN Users and admin users. Bidder should share cross reference OR showcase capabilities of solution.		
7	The Proposed solution should have a 64-bit hardware platform & based on Multi-Core Architecture with Optimization for excellent throughput for all your key processes.		
8	The Proposed solution should be having security functions like Firewall, VPN (IPsec Site to Site & SSL Client VPN), Gateway level antivirus, Category based web and application filtering, Intrusion prevention system, Traffic shaping, DoS/DDoS.		
9	The Proposed solution should support Local, Active Directory, LDAP Server, RADIUS, TACACS+, eDirectory and Kerberos authentication methods.		
10	Solution should deliver SD-WAN capabilities like link performance metrics including latency, jitter, and packet loss; re-routing of traffic based on WAN link performance; application routing over preferred ISP links; logging and monitoring for SD-WAN. Bidder should share cross reference OR showcase capabilities of solution.		
11	The Proposed solution should have dual power supply.		
12	The Proposed solution should have minimum 6 x 1G copper, 1 x 1G SFP fiber ports from days one.		
13	The Proposed Solution should support Web management, CLI management from day one.		
14	The Proposed solution should support at least 04 million concurrent connections & 50,000 new sessions per second.		
15	The Proposed solution should support minimum throughput Firewall 08 Gbps, IPS 03 Gbps, NGFW 03 Gbps Threat Protection 03 Gbps & IPsec VPN 01 Gbps.		
16	The Proposed solution should provide filtering capability that includes parameters like source addresses, destination addresses, source and destination port numbers, protocol type.		

17	The Proposed solution should be able to filter traffic even if the packets are fragmented & SSL inspection over HTTPS.		
18	The Proposed solution should log the contain information about the firewall policy rule that triggered the log.		
19	The Proposed solution should provide at a minimum basic statistic about the health of the firewall and the amount of traffic traversing the firewall.		
20	The Proposed solution should support to log (in detail) all connections which are blocked or pass through the firewall.		
21	The Proposed solution should support to generate performance statistics on real-time basis & application-based and user-based logs.		
22	The Proposed solution should support flexibility to create network, user, Web and app-based traffic shaping (QoS) policy & Blacklist and White listing based on IPs and URLs.		
23	The Proposed solution should support block attacks such as DoS- SYN, IP/ICMP/TCP/UDP related attacks.		
24	The Proposed solution should support IPS deep packet inspection engine with minimum 5000+ Signatures database.		
25	The Proposed solution should support block attacks such as DNS cache poisoning, FTP bounce, improper commands.		
26	The Proposed solution should support Pattern-based spyware blocking at the gateway & Advanced Threat Protection.		
27	Firewall should have feature to identify, allow, block or limit usage of applications beyond ports and protocols.		
28	The Proposed solution should provide protection against Block potentially unwanted Applications with minimum signature database of 3000+ Applications for Application Control.		
29	The Proposed solution should have DNS Protection with in-depth visibility into the domains visited from the network, with dashboarding and reporting feature.		
30	The Proposed solution should quoted with Three years subscription license for Firewall, Advanced Threat Protection (ATP), Intrusion Prevention System (IPS), Anti-malware, Web and App visibility control and protection, Zero day protection & 24x7 support, security and software updates, adv. exchange warranty for the period of licenses.		
31	The product should be with comprehensive OEM onsite warranty for a period of 3 years		

Annexure-III

3. Technical Specifications of Wireless Access Points

Sl.No.	Specifications	Complied (Yes/No)	Remarks
1	AP shall have hardened enclosures for indoor deployment and shall have a robust design for durability		
2	It shall have dual radios for concurrent dual band (5 GHz / 2.4 GHz) operation		
3	It shall have Simultaneous 574 Mbps on 2.4 GHz and 1201 Mbps on 5 GHz totals 1775 Mbps Wi-Fi speeds		
4	AP must support 1024 QAM		
5	AP must Support WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise		
6	Minimum 1 number of 1 Gbps Ethernet port RJ-45.		
7	AP shall support Multi user MIMO		
8	AP shall support Outfitted with the latest 802.11ax technology		
9	The AP shall comply with IEEE 802.11ax at a minimum and be backwards compatible to IEEE 802.11a/b/g/n/ac standards.		
10	AP shall operate at least in full 2X:2 MIMO or more mode without any loss of features or capabilities		
11	AP shall Support PoE 802.3at PoE for convenient and affordable installation		
12	AP must support 20 MHz, 40 MHz and 80 MHz channels.		
13	Each AP must support minimum 80 concurrent clients in total (including both 2.4GHz and 5GHz radios).		
14	The AP shall provide a minimum of 20 dBm EIRP for both 2.4 GHz and and 23 dBm for 5 GHz frequencies. Field deployment shall be with EIRP as per regulatory guidelines.		
15	AP shall support QoS and WMM latest technology		
16	AP shall support Multiple operating modes including managed AP and standalone AP mode		
17	AP shall support Band Steering, Beamforming, Airtime Fairness and Load Balance and OFDMA features		
18	AP shall support rogue access point detection		
19	AP shall have dual-Band Omni-directional Antenna, either internal or external. Field deployment shall be with EIRP as per the WPC guideline.		
20	AP should be compatible for Simple mounting on any wall or ceiling surface		
21	AP should support management VLAN		
22	AP should support Captive portal and Rate limit feature		
23	AP shall support Reboot Schedule, Wireless Schedule and Wireless Statistics based on SSID/AP/Client		
24	Intelligent RF control plane for self-healing, and self-optimization		

25	AP Shall support Wireless Mac Address Filtering, Wireless Isolation Between Clients and SSID to VLAN Mapping		
26	AP shall support 802.1X authentication and external radius server		
27	AP shall be able to assign end User the IP address as received from backend core DHCP Server.		
28	AP shall support Hardware controller or Software controller and Zero-Touch Provisioning (ZTP)‡, Centralized Cloud Management, and Intelligent Monitoring.		
29	Shall support Operating Temperature of 0–40 °C		
30	Device OEM must be must be ISO 9001 & 14001 Certified at the time of bidding		
31	The product should be with 3 years of comprehensive OEM onsite warranty support		

Annexure-IV

4. Technical Specifications of Wireless Controller

Sl. No.	Technical Specification	Compliance (Yes/No)	Remarks
1	Controller must have 2x10/100 Mbps Ethernet Ports and 1xUSB 2.0 Port		
2	Controller support WDS or MESH networking		
3	Controller shall support QoS and WMM latest technology		
4	Controller Supports Free Authentication Policy and Captive Portal Advertisement		
5	Controller shall support Band Steering, Beamforming, Airtime Fairness and Load Balance features		
6	Controller shall support rogue access point detection		
7	Controller Must Support Support ≤ 1,000 Clients		
8	Controller should support management VLAN		
9	Controller should support Captive portal and Rate limit feature		
10	Controller shall support Reboot Schedule, Wireless Schedule and Wireless Statistics based on SSID/Controller/Client		
11	Intelligent RF control plane for self-healing, and self-optimization		
12	Controller Shall support Wireless Mac Address Filtering, Wireless Isolation Between Clients and SSID to VLAN		
13	Controller shall support 802.1X authentication and external radius server		
14	Controller shall be able to assign end User the IP address as received from backend core DHCP Server.		
15	Controller shall support Cloud Manageability and SDN Ready		
16	Controller shall come with atleast 100 Devices Including Switches , Gateways and AP from Day 1		
17	Controller shall come with life time no Recurring or renewal cost		
18	Controller Support authentication method like SMS and Facebook authentication		
19	Supports Layer 3 Adoptation		
20	Controller shall Manage Multiple Sites over Web with the Centralized Controller in a Single Location		
21	Controller shall Intuitive Real Time Monitoring and data usage		
22	Controller shall support remote upgrade and access control features		
23	Controller Shall support L3 management, SNMP, Email notification		
24	Controller Shall Support Auto-backup via USB		
25	Controller shall support smooth operation on 50 Degeree Celsius		
26	Controller shall support Rack Mounting		
27	Controller shall have CE, FCC, RoHS		
28	Device OEM must be ISO 9001 and 14001 Certified		
29	The product should be with 3 years of comprehensive onsite OEM warranty.		

Annexure-V

5. Technical Specifications of 1000VA, 230V, On-Line UPS

Sl.No.	Description	Parameter	Specification	Compliance (Y/N)	Deviation (If Any)
1	System parameter	Rating	1 KVA		
		Technology	IGBT based Double conversion PWM based On-line UPS		
		Installation mode	Rack/Tower		
		Rated voltage	220 Vac		
2	Input	Volatge Range	160 -280VAC @ 100% load,110 - 300V AC @ 50% load		
		Rated Frequency	50 Hz		
		Frequency Range	40Hz ~ 70Hz		
		Power factor	≥ 0.99 at full load; ≥ 0.97 at half load.		
3	Output	Rated power	1000VA/800W		
		Voltage	220Vac/230Vac/240Vac, 220Vac by default		
		Frequency synchronization range	Rated frequency 50Hz±0.25hz		
		Frequency track rate	Default: 0.5Hz/s. Configurable range: 0.2/0.5/1Hz/s (single UPS)		
		Rated Power Factor	0.8		
		Crest Factor	3:1		
		Voltage harmonic distortion	<3% linear load,<6% non linear load		
		Overload Capacity on Normal Mode	105% ~ 110%, 10min; 110% ~ 130%, 1min; 130% above- 3 sec		
4	Efficiency	ECO Mode	98%		
		Online Double conversion mode	88%		
5	Battery	Type	Sealed, lead-acid, maintenance-free battery		
		Rated Voltage	24Vdc		
		Battery Ah rating	9Ah		
		Charge Current	1A		
		Mounting	Inside the UPS cabinet		
6	Transfer Time	Mains - Battery	0 ms		
		Inverter-Bypass	Synchronous transfer: less than 1ms		
7	Noise	Acoustic Noise level	<58db		
8	Panel display mode	Display type	Colourful LCD		
		Orientation	Gravity sense		
9	Environmental parameter	Operating temperature	0°C ~ 50°C, Auto derating above 40 deg C.		
		Storage temperature	-20°C ~ +60°C (battery excluded); -15°C ~ +40°C (battery included)		
		Relative humidity	20 - 90% RH @ 0-40° C (Non -		

			condensing)		
		Altitude	<1500m above MSL		
10	Mechanical parameter	Ventilation	Forced -air cooled		
		Ingress protection level	IP20		
		Cable entry	Rear		
11	Ports	USB port	Built-in		
		Ethernet Port	Inbuilt. Supports HTTP and SNMP protocol		
		Dry Contacts	Inbuilt		
12	Complying Standards	Safety (CE)	CE/ROHS		
		Electromagnetic Compatibility(EMC)	EN 62040 - 1,EN 62040 - 2,EN 62040 - 3		
		Surge Protection	IEC/EN 61000-4-5		
		Energy Star	Yes		
		BIS	Yes		
		ROHS	Yes		
13	Warranty		3 Years both UPS & Battery		