



बी.पी. कोइराला स्वास्थ्य बिज्ञान प्रतिष्ठान, धरानको
कोटेशन माग गरिएको सुचना
सुचना प्रकाशित मिति २०८०/११/२८

यस प्रतिष्ठानलाई आवश्यक तपशिलका उल्लेखित Computer Network Goods खरिद गर्नु पर्ने भएकोले इजाजत प्राप्त प्रतिष्ठानमा सुचिकृत फर्म, संस्था, कम्पनीबाट अद्यावधिक फर्म दर्ता प्रमाणपत्र, मु.अ.कर दर्ता प्रमाणपत्र, आ.व. २०७९/०८० को कर चुक्ताको प्रमाणपत्र प्रतिहरु संलग्न गरी यो सुचना प्रकाशित मितिले ७ दिन भित्र कोटेशन पेश गर्नुहुन सुचित गरिन्छ । माग गरिएको कोटेशन तोकिएको म्यादभित्र प्रतिष्ठानको दर्ता चलानी फाँटमा खामबन्दि दर्ता गर्नुहुन वा quotation.procurement@bpkihs.edu मा email मार्फत पेश गर्नुपर्नेछ ।

No.	Type	Description	Quantity	Unit
1	Core Switch	20 1G/10GBASE-X SFP+ ports, 4 10G/25GBASE-X SFP28 Ports, 2 40GBASE-X QSFP+ ports, support up to 32 10G ports, 2 modular power supply and 2 fan modules	2	Sets
2	Distribution Switch	28 SFP ports (SFP 100/1000M ports), 8 combo 10/100/1000 BASE-T ports, 4 1G/10G SFP+ BASE-X ports, 2 extension slots, 2 modular power supply with 3 mtr AOC Cable (4 per unit)	2	Sets
3	Gateway	All-in-one Unified Security Gateway with 8 GE ports (upto 6 WAN port), 1 *SFP, 1 *SFP+ 10G ports, 1TB Hard disk (Lifetime free L7 DPI signature update, free IPsec VPN), 2000 concurrent users, max throughput 6Gbps.	2	Sets
4	24 Port PoE Switch	24-Port Gigabit L2 Managed Switch, 24 Gigabit RJ45 Ports, 4 SFP Slots, 19-inch Rack-mountable Steel Case. Should be cloud managed	5	Units
5	Managed Switch (Type 1)	18-Port Gigabit Smart POE Switch, 16 Gigabit RJ45 Ports including 16 POE/POE+ Ports, 2 SFP Slots, 240W PoE power budget, 13-inch Rack-mountable Steel Case. Should be cloud managed	10	Units
6	WLAN Controller	Next-Gen Wireless Controller, 6 1000BASE-T ports, 2 1000BASE-T/1000BASE-X combo ports with license for Access Point	1	Unit
7	Managed Switch (Type 2)	10-Port Gigabit Smart POE Switch, 8 PoE/POE+ Ports with 2 Gigabit RJ45 uplink ports, 70W PoE power budget, Desktop Steel Case. Should be cloud managed	25	Unit
8	Ceiling Indoor Access Point (Type 1)	Wi-Fi 6(802.11ax) indoor wireless access point, dual-radio, dual-band, up to 4 spatial streams and maximum of 1.775Gbps wireless throughput, 1 10/100/1000M BASE-T uplink port, support PoE and local power supply;	30	Unit
9	Ceiling Indoor Access Point (Type 2)	AC1300 Dual Band Ceiling Mount Access Point, 867Mbps at 5GHz + 400Mbps at 2.4GHz, 2 10/100/1000base-t Ethernet uplink port, Internal Antennas, support 802.11a/b/g/n/ac Wave1/Wave2	30	Sets
10	Outdoor Access Point (Type 1)	Wi-Fi 6 (802.11ax) outdoor wireless access point, dual-band dual-radio, up to 575Mbps@2.4G, 1200Mbps@5G and 1775Mbps per AP, 4 spatial streams, built-in directional antenna, support 802.11a/b/g/n/ac and 802.11ax, FAT/FIT mode, 1 SFP port and 1 10/100/1000M port	10	Sets

11	Outdoor Access Point (Type 2)	Outdoor Wireless Access Point, IP68 rating, built-in omnidirectional smart antenna and lightning arrester, 3x3 MIMO, 3 spatial streams, support internal/external antenna switching, support concurrent 802.11a/b/g/n/ac, FAT/FIT mode, PoE+ with Installation Mount-Kit.AP should have 2.4GHz & 5GHz MIMO Outdoor Omni-Directional Antenna Kit, include: 8dBi panel antenna (1 set); 1-meter N-N coaxial cables (6 sets); waterproof materials (2 set)	3	Sets
12	Transceiver-1G	SFP Module 1G	35	Pair
13	Transceiver-10G	SFP Module 10G	10	Pair
14	Power System	6 KVA Online UPS with Battery Bank for server Equipments	2	Sets
15	Power Accessories	Power Cabling	1	Lumpsum
16	Earthing & Lighting Assessor	Earthing (19mm electrode- Copper, 25kg Chemical, 35 sqm mm copper cable x50 feet,Accessories)	1	Lumpsum
17	Access Control	Access Controller for Server/Power/Computer section	3	Unit
18	Surveillance System	CCTV System for Server Room & Power Room	1	Lumpsum
19	Fire Alarming System with heat and smoke detector	Fire Alarming System with heat and smoke detector and fire extinguisher	2	Sets
20	Rodent Repellent System		2	Sets
21	Air Conditioner	2TR Wall Mount AC for Server Room & Computer Section	2	Sets
22	Network Cables	Network Cable	30	Box
23	Network Rack-6U	6U Network Rack with 6 Way PDU	30	Sets
24	Network Rack-9U	9U Network Rack with 6 Way PDU	20	Sets
25	Network Rack-42U	42U server cabinet with 32A C19 6 + C 13-30 PDU	2	Sets
26	Patch Panel	24 Port Patch Panel	80	Units
27	Cable Manager	Horizontal cable management 1U	80	Units
28	Cable Raceways	Cable Tray	1	Lumpsum
29	Optical Patch Cord	10mtrs.	100	Unit
30	Optical Patch Cord	20mtrs.	100	Unit
31	6 Core Optical Fiber	6 Core Optical Fiber Cable	1	Lumpsum
32	Optical Terminal Box (OTB)		30	Unit
33	Optical Fiber & Accessories		1	Lumpsum
34	Ethernet Patch Cables	0.5mtrs.	300	Unit
35	Ethernet Patch Cables	1mtrs.	300	Unit
36	Ethernet Patch Cables	3mtrs.	300	Unit
37	Installation, Testing and Commissioning		1	Lumpsum
38	One Year Support			Lumpsum