

Caiet de Sarcini
privind achiziționarea
"Tehnicii de calcul, punctelor de acces pentru necesitățile instituției de
învățământ",
Centrul de Excelență în Construcții

1. Denumirea beneficiarului de Stat: IP Centrul de Excelență în Construcții;
2. Organizatorul procedurii de achiziție: IP Centrul de Excelență în Construcții;
3. Obiectul achizițiilor: - Puncte de acces cu controler;
4. Tipul de procedură achiziție: Cererea ofertelor de prețuri;

Lista bunurilor

Nr. d/o	Cod CPV	Denumirea bunurilor/serviciilor/ lucrărilor solicitate	Unitatea de măsură	Cantitatea	Specificarea tehnică deplină solicitată, Standarde de referință
1	32500000-8	Puncte de acces cu controler	Buc	1	9buc, Punct de acces, Specifica minima: • 802.11ac Wave 2 High Speed Dual-Band: IEEE 802.11ac concurrent dual-band with 1300Mbps (2.4GHz at 400Mbps and 5GHz at 867Mbps) wireless speed. • Efficient MU-MIMO: Serves multiple devices simultaneously to enhance connected devices capacity. • High Performance Wi-Fi: Beamforming improves Wi-Fi performance with targeted, directional signals for better range and reliability. • AirTime Fairness (ATF) optimizes the Wi-Fi speed among each clients and eliminates Wi-Fi lag. • Band steering balances channel utilization, enabling high capacity environment . • Compact & Durable Housing: Ultra slim design with UL94-5VB flame-retardant plastic housing • Designed for High Density Usage: Supports up to two hundred users simultaneously (one hundred users per band), ideal for crowded environments and BYOE (Bring

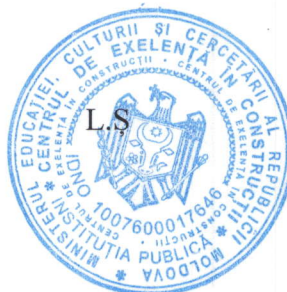
					Your Own Everything) workplace Wi-Fi connection. • Multiple SSIDs for Security Management: Supports up to 32 SSIDs (16 x 2.4GHz & 16 x 5GHz) ideal for multiple departments, user groups, customers or guests. • 802.11r/k Fast Roaming: Roams smoothly between APs without lag or interruption, ensuring top performance for video and voice streaming applications. • Wide Coverage & High Sensitivity: Adjustable RF output power and high receiver sensitivity for wide coverage across large spaces. • Power over Ethernet: Supports IEEE 802.3af PoE as well as included power adapter. • Built-In RADIUS Server: With management for up to 256 user accounts. Central Management: Pro Network Management Suite (NMS build in Access point) and SKYMANAGE PC support for easy and Intuitive web-based central management. AP built-in with NMS supports AP array architecture. 1 buc, Comutator. Specificația minimă: ·Twenty-four Gigabit Ethernet ports plus four RJ45/SFP combo ports. ·IEEE 802.3af/at PoE compliant. ·Up to 30W per port (total power budget: 450W) for powering PoE-enabled devices. ·Auto-detection of powered devices (PD) and power consumption levels. ·PoE powered devices (PD) alive check to enhance the reliability of the network. ·Power backfeed protection to avoid damaging the PoE ports. ·PoE long range mode with Ethernet cable to extend up to 200 meters. ·Dual firmware to reduce down time for the switch. ·Voice VLAN to enhance sound quality for IP phones. ·DHCP snooping to protect the integrity of legitimate DHCP server and its operations. ·Surge Protection 6KV to avoid the damage of the switch and connected devices. ·Supports SNMP v3, Access Control List (ACL), QoS, CoS, STP, 802.1Q VLAN, IPv4/IPv6, Port Trunk, IGMP v1/v2/v3 Snooping and Mirror. ·56Gbps switch capacity.
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					·8K MAC address table and jumbo frame support up to 9KB. ·Two fans with hot-swappable fan tray and 19-inch 1U rack-mount design. Inclusiv instalarea tuturor acces point-urilor pe fiecare etaj al instituției întru asigurarea cu rețea pe toată suprafața încăperii, și asigurarea conexiunii cu comutatorul principal. Toate consumabilele necesare (Cabluri, conectori) vor fi asigurate de către agentul economic. *Asigurarea conexiunii prin fir a 5 laboratoare, minim 17 dispozitive în fiecare laborator, inclusiv conectarea și trasarea cablului. Toate consumabilele necesare (Cabluri, conectori) vor fi asigurate de către agentul economic. *Servicii de support și mentenanță pe parcursul perioadei de garanție, cu timpul de răspuns nu mai mic de 8 ore lucrătoare.
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Ofertant

Director IP CEC

VALERIU PELIVAN



Executant: Mihail Negru

Director adjunct gospodărie

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