

FICHA TÉCNICA

Adquisición de switch de acceso para oficina de gazcue, referencia: PPS-DAF-CM-2021-0100, proceso desierto (PPS-DAF-CM-2021-0061).

COMPRA MENOR

Referencia No.: PPS-DAF-CM-2021-0100

DESCRIPCIÓN

Ítems	Descripción	Unidades	Cantidades
1	Switch is performance competitive L2 + management switch with 48x GE port + 4x SFP + port + 1x RJ45 console. Ports with automatic Max 740w POE output limit (48 port 802.3af or 48 port 802.3at) LAYER 2 • Jumbo Frames • Auto-negotiation for port speed and duplex • IEEE 802.1D MAC Bridging/STP • IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) • IEEE 802.1s Multiple Spanning Tree Protocol (MSTP) • STP Root Guard • STP BPDU Guard • Edge Port / Port Fast • IEEE 802.1Q VLAN Tagging • Private VLAN • IEEE 802.3ad Link Aggregation with LACP • IEEE 802.1AX Link Aggregation • Spanning Tree Instances (MSTP/CST) • IEEE 802.3x Flow Control and Back-pressure • IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3z 1000Base-SX/LX • IEEE 802.3ab 1000Base-T • IEEE 802.3ae 10 Gigabit Ethernet • IEEE 802.3az Energy Efficient Ethernet • Storm Control • MAC, IP, Ethertype-based VLANs	UD	4

	• Virtual-Wire • Rapid PVST interoperation • Ingress Pause Metering • Loop Guard IP SERVICES • ECMP • Bidirectional Forwarding Detection (BFD) • DHCP Relay • IGMP Snooping SECURITY AND VISIBILITY • Port Mirroring • Admin Authentication Via RFC 2865 RADIUS • IEEE 802.1x authentication Port-based • IEEE 802.1x Authentication MAC-based • IEEE 802.1x Guest and Fallback VLAN • MAC-IP Binding • sFlow • DHCP-Snooping • Dynamic ARP Inspection • Sticky MAC • High Availability • Multi-Chassis Link Aggregation (MCLAG) • Quality of Service • IEEE 802.1p Based Priority Queuing • IP TOS/DSCP Based Priority Queuing MANAGEMENT • Telnet / SSH • HTTP / HTTPS HARDWARE SPECIFICATIONS • Total Network Interfaces 48x GE RJ45 ports and 4x 10GE SFP+ ports • 10/100/1000 Service Ports 1 • Power over Ethernet (PoE) Ports 48 (802.3af/802.3at) • PoE Power Budget 740 W • RJ-45 Serial Console Port 1 SYSTEM SPECIFICATIONS • Switching Capacity (Duplex) 176 Gbps • Packets Per Second (Duplex) 260 Mpps • Mac Address Storage 32 K		
--	---	--	--

	• Network Latency < 1μs • VLANs Supported 4 K • Link Aggregation Group Size 8 • Packet Buffers 2 MB • DRAM 512 MB DDR3 • FLASH 64 MB		
2	Indoor Wireless AP – Dual radio (802.11 b/g/n and 802.11 a/n/ac wave 2, 2x2 MU-MIMO), 3 Dual band Internal Wi-Fi + 1 BLE/ZigBee FREQUENCY BANDS (GHZ)* • 2.400–2.4835, 5.150–5.250, 5.250–5.350, 5.470–5.725, 5.725–5.850 INTERFACES • 2x 10/100/1000 Base-T RJ45, 1x Type 2.0 USB, 1x RS232 RJ45 Serial Port SIMULTANEOUS SSIDS • Up to 16 (14 if background scanning enabled) USER/DEVICE AUTHENTICATION • WPA™, WPA2™, and WPA3™ with 802.1x or Preshared • key, WEP, Web Captive Portal, MAC blocklist & allowlist SSID TYPES SUPPORTED • Local-Bridge, Tunnel, and Mesh POWER OVER ETHERNET (POE) • 802.3at PoE default • 1 port powered by 802.3at - full system functionality • USB support • 1 port is connected to 802.3af - no USB support PER RADIO CLIENT CAPACITY • Up to 512 clients per radio (Radio1 and Radio2) WIRELESS MONITORING CAPABILITIES	UD	6

PROGRESANDO CON SOLIDARIDAD

	• Packet Sniffer Mode Yes • Spectrum Analyzer Yes MAXIMUM DATA RATE • Radio 1: up to 574 Mbps • Radio 2: up to 1201 Mbps • Radio 3: Frequency scanning only		
3	Se Necesita Contrato de soporte por 1 año + Servicio de instalación y Configuración de Switches + Servicio de Instalación Y Configuración de Access-Points.	UD	1

TIEMPO DE ENTREGA:

Entrega inmediata.

OTROS REQUERIMIENTOS:

Tecnico que realizará el trabajo de configuración e instalación debe tener las siguientes cualificaciones profesionales

- Certificación NSE 7
- Carta de autorización del fabricante de los equipos ofertados

LUGAR:

Av. Leopoldo Navarro #61, Edificio San Rafael, sexto nivel Ensanche San Juan Bosco.

FACTURACIÓN Y CONDICIONES DE PAGO:

Al presentar su propuesta el oferente debe otorgar un crédito a 60 días, luego de emitida la factura con la recepción de los bienes o servicios. El oferente debe facturar con las entregas del servicio.


Ronald Fernando Lebrón Peña

Director de Tecnología

