



Bid Notice Abstract

Request for Quotation (RFQ)

Reference Number	8764384
Procuring Entity	NATIONAL BOOK DEVELOPMENT BOARD
Title	Supply & Delivery of Router/ Load Balancer, Wifi Access Point, Unmanaged Gigabit 24-port Network Switch & LAN Tools
Area of Delivery	Metro Manila

Solicitation Number:	PR No. 2022061	Status	Active
Trade Agreement:	Implementing Rules and Regulations		
Procurement Mode:	Negotiated Procurement - Small Value Procurement (Sec. 53.9)	Associated Components	1
Classification:	Goods	Bid Supplements	0
Category:	Information Technology		
Approved Budget for the Contract:	PHP 420,000.00	Document Request List	2
Delivery Period:	10 Day/s		
Client Agency:		Date Published	17/06/2022
Contact Person:	Jayson B. Ramos Administrative Officer V 3rd & 4th Flr., Regalado Hive Bldg., Regalado Ave. Fairview, Quezon City Quezon City Metro Manila Philippines 63-02-85511590 jbramos9184@nbdb.gov.ph	Last Updated / Time	17/06/2022 00:00 AM
		Closing Date / Time	24/06/2022 17:00 PM

Description

Supply & Delivery of Router/ Load Balancer, Wifi Access Point, Unmanaged Gigabit 24-port Network Switch & LAN Tools

1 PC Router/ Load Balancer (1 x PHP 250,000.00 = PHP 250,000.00)

Specifications:

Cellular: No
 Ethernet WAN: 3 (GE)
 Ethernet LAN: 3 (GE)
 Stateful Firewall Throughput: 1Gbps
 VPN Throughput (No Encryption): 150Mbps
 VPN Throughput (256-bit AES): 150Mbps
 SFP LAN/WAN: No
 Wi-Fi AP: No
 USB: 1
 Recommended Users: 50- 500
 Number of VPN Peers: 2/30
 Maximum Number of AP Supported: 50

VPN Hot Failover: Yes
 VPN WAN Smoothing: Yes
 VPN Bandwidth Bonding: Yes
 Central Management: Yes
 Drop-In Mode: Yes
 High Availability: Yes
 Content Filtering (Lite/Full): Full
 AP Series Management: Yes
 Remote AP & Multiple Config Profiles Mgmt: Yes
 LAN Bypass: Yes
 Remote User Access: Yes
 802.1q VLANs Supported: 1024
 Port-Based VLAN: Yes
 Load Balancing & Failover: Yes
 Load Balancing Algorithms: 8
 Inbound Load Balancing: Yes
 Cloud Management: Yes
 IPsec VPN (Network-to-Network): Yes
 Number of IPsec Tunnels: 20
 L2TP VPN Server: Yes
 OpenVPN Server: Yes
 PPTP VPN Server: Yes
 Maximum PPTP/L2TP/OpenVPN Users: 50
 GRE (Network-to-Network): 5
 Bandwidth Usage Monitor: Yes
 QoS for VoIP and E-Commerce: Yes
 User Groups Bandwidth Control: Yes
 Web Blocking: Yes
 SIM Card Size: No
 LACP (802.3ad) NIC Bonding: Yes
 PoE+ Output: No
 1U Rack-mount: Yes
 Dual Hot Swap Power Supply: No
 Add On: w/ Onsite Configuration, Testing, Commissioning, and knowledge transfer (1 man day)/unit/Area/Device

4 PCS Wifi Access Point (4 x PHP 25,000.00 = PHP 100,000.00)

Specifications:

Dimensions: 220 x 220 x 48.1 mm (8.66 x 8.66 x 1.89")
 Weight: With Mounting Kits: 700 g (1.54 lb), 830 g (1.83 lb)
 Networking Interface: (2) 10/100/1000 Ethernet Ports
 Buttons: Reset
 Power Method: 802.3at PoE+
 Supported Voltage Range: 44 to 57VDC
 Power Supply: PoE Injector
 Power Save: Supported
 Beamforming: Supported
 Maximum Power Consumption 17W
 TX Power: 2.4 GHz(6-25 dBm), 5 GHz (dBm)
 Antennas: 2.4 GHz (2 Dual-Port, Dual-Polarity Antennas, 3 dBi each), 5 GHz (2 Dual-Port, Dual-Polarity Antennas, 4 dBi each)
 Wi-Fi Standards: 802.11 a/b/g/n/r/k/v/ac/ac-wave2
 Wireless Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w/PMF
 BSSID: Up to 8 per Radio
 Mounting: Wall/Ceiling (Kits Included)
 Operating Temperature: -10 to 70° C (14 to 158° F)
 Operating Humidity: 5 to 95% Noncondensing
 Certifications: CE, FCC, IC
 VLAN: 802.1Q
 Advanced QoS: Per-User Rate Limiting
 Guest Traffic Isolation: Supported
 WMM: Voice, Video, Best Effort, and Background
 Concurrent Clients: 1000+
 Supported Data Rates (Mbps)
 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
 802.11n: 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40)
 802.11ac: 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80), 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160)
 802.11b: 1, 2, 5.5, 11 Mbps
 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

2 PCS Unmanaged Gigabit 24-port Network Switch (2 x PHP 25,000.00 = PHP 50,000.00)

Specifications:

Network Ports: 24 10/100/1000 Mbps twisted-pair RJ-45 ports

Switching bandwidth: 48 Gbps

Non PoE

Forward rate (1000 Mbps port): 1,480,000 packets per sec

Forward rate (100 Mbps port): 148,000 packets per sec

Forward rate (10 Mbps port): 14,800 packets per sec

Latency (1000 to 1000 Mbps): 20 μ s max

Packet Buffer Memory: 2 Mb

MAC address database: 8,000

Mean Time Between Failure (MTBF): 87,600 hours

Acoustic Noise: 40 dB

Power Consumption: 100~240V; 50-60Hz; 40W max

Standards Compliance: IEEE 802.3i 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3ab

1000BASE-T Gigabit Ethernet, IEEE 802.3x Flow Control

LAN Tools

4 BOXES UTP Cat6e Cable 305m (4 x PHP 3,500.00 = PHP 14,000.00)

2 BOXES RJ45 Passthrough (100 pcs. per box) (2 x PHP 500.00 = PHP 1,000.00)

1 PC LAN Cable Tester (1 x PHP 2,000.00 = PHP 2,000.00)

1 PC LAN Cable Tracker/Tracer (1 x PHP 2,000.00 = PHP 2,000.00)

1 PC LAN Crimping Tool w/ Cable Stripper (1 x PHP 1,000.00 = PHP 1,000.00)

TOTAL APPROVED BUDGET: PHP 420,000.00

MODE OF PROCUREMENT: Small Value Procurement

DEADLINE OF SUBMISSION OF QUOTATION WITH NECESSARY ATTACHMENTS IS JUNE 24, 2022, FRIDAY, 5:00PM.

NOTES/ INCLUSIONS:

1. The following documents MUST BE submitted together with the quotation:

a. UPDATED PHILGEPS CERTIFICATE OF REGISTRATION

b. 2022 MAYOR'S/ BUSINESS PERMIT

c. OMNIBUS SWORN STATEMENT

Failure to submit the above-mentioned documents is outright disqualification from the bidding process.

2. Payment should be under Government Terms (Gross Amount).

3. Payment is bank-to-bank, preferably Landbank. Otherwise, interbank charges will be shouldered by the supplier.

Other Information

You may email your quotations and attachments through jbramos9184@nbdb.gov.ph and/or contact Jayson B. Ramos through 0933-995-9479. (cc: edcel@nbdb.gov.ph)

Created by Jayson B. Ramos

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