

Annex C

SUPPLY AND DELIVERY OF TWENTY (20) UNITS NETWORK (LAN) SWITCHES FOR THE DEVELOPMENT BANK OF THE PHILIPPINES (DBP)

APPROVED BUDGET FOR THE CONTRACT: ₱650,000.00
(Inclusive of Taxes)

TECHNICAL SPECIFICATIONS

A. BACKGROUND

The network switches will be used for the replacement of obsolete units in the Head Office/ Branches which already reached its end of life support with our vendors.

B. OBJECTIVE

To acquire twenty (20) units Network Switch from an authorized and qualified Supplier/Vendor.

C. NETWORK SWITCH MINIMUM TECHNICAL REQUIREMENTS/SPECIFICATIONS

- a. With 48 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T);
- b. Duplex: 10BASE-T/100BASE-TX: half or full;
- c. 1000BASE-T: full only 4 SFP 1GbE ports
- d. ARM Cortex-A9 @ 800MHz, 512 MB SDRAM, 256 MB flash; packet buffer: 1.5MB
- e. Power Supply: Internal power supply
- f. Device management: Web browser; SNMP Manager
- g. Weight: 7.80 lb (3.54 kg)
- h. Throughput 77.37 Mpps
- i. Capacity 104 Gbps
- j. MAC address table size (# of entries) 16,000 entries
- k. Reliability MTBF (years) 114.4
- l. Frequency 50Hz/60Hz
- m. AC Voltage 100-127VAC / 200- 240VAC
- n. Current 0.9A/0.6A
- o. Maximum power rating 100-127V: 40.2W 200-220V: 40W
- p. Idle Power 100-127V: 17.7W 200- 220V: 17.7W

D. DELIVERY

1. The delivery period must be within ninety (90) days upon receipt of the Purchase Order (PO) / Notice to Proceed (NTP).
2. All units must be delivered at DBP Head Office, Makati Avenue Cor. Sen. Gil Puyat Avenue, Makati City, Philippines

E. WARRANTY

The duration of the warranty must be lifetime to be covered by paper warranty. Service unit shall be provided.


F. PAYMENT

The payment shall be one-time and shall be done/ processed after the issuance of Certificate of Acceptance. The issuance of Certificate of Acceptance shall be after successful testing within ten (10) days after the delivery of all the units is completed.

G. VENDOR/SUPPLIER REQUIREMENT

A certificate from/issued by the manufacturer / principal / distributor of the Network Switch being offered indicating the Vendor/Supplier is an authorized reseller. Replacement unit shall be provided.

Recommended by:


Joseph Blas R. Taylo
Network Analyst

Checked by:


John Eric T. Tenazas
Head, Communication Unit

Approved by:


REBECCA G. REYES
Vice President