



University of Science and Technology of Southern Philippines

Alubijid | Balubal | Cagayan de Oro | Claveria | Jasaan | Oroquieta | Panaon | Villanueva

PURCHASE ORDER

PRN : USTP-GSPB-12-2023-13-EPA
End-User Rep. : Dr. Leny Q. Añasco
Location of Project: USTP-Panaon Campus

Supplier	: PENTAGON UNLIMITED TECHNOLOGIES, INC.	P.O. No.	: 24-02-0015
Address	: Tiano Kalambaguhan St., Cagayan de Oro City, Misamis Oriental	Date	: February 06, 2024
E-mail Address	: raymond.fernando@puti.com.ph	Mode of Procurement:	Public Bidding
Telephone No.	: (088) - 323 - 0795 / 0927 - 773 - 8702		
TIN	: 777 - 279 - 472 - 000		
Purpose	: Re-bidding for the Proposed Procurement of the Supply, Delivery and Installation of ICT Equipment for USTP-Panaon Campus (1st Quarter CY 2024)		

Gentlemen:

Please furnish this office the following articles subject to the terms and conditions contained herein:

Place of Delivery	: Supply Office, USTP-Panaon, Punta, Panaon, Misamis Occidental : Contact Person for Delivery: Ms. Angeles S. Paza : Contact No.: 0946 - 672 - 5494	Delivery Term	:
Date of Delivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term	: Full Payment after acceptance of goods

Stock No.	Unit	Description	Qty.	Unit Cost	Amount
LOT 1: ROUTING AND SWITCHING EQUIPMENT					
		ROUTING AND SWITCHING EQUIPMENT OFFERS: CISCO CATALYST 8200L, CISCO CATALYST 1000, LINKSYS E9450 DUAL-BAND AX5400 WIFI6, PREMIUM LINE DATA CABINET RACK For CCNA Laboratory; includes: 2 x Cisco Catalyst 8200L with 1-NIM slot and 4x1G WAN ports, 4GB memory, AC power cord (North America), C13, NEMA 5-15P, 2.1m, 8X5XNBD Cisco Catalyst 8200L with 1-NIM slot, Cisco 8200 Rack mount kit - 19" 1R, Cisco Smartnet 8x5 NBD Catalyst 8200L, 36-months, DNA Essentials On-Prem 3Y - up to 25M (Aggr 50M), 2 Port Serial WAN Interface Card 2x Catalyst 1000 24port GE, 4x1G SFP, AC Power Cord, 16AWG, Smartnet 8X5XNBD Catalyst 1000 24port GE, 4x1G SFP, LANBase, 12 months 2x V.35 Cable, DTE Male to Smart Serial, 10 Feet 2x V.35 Cable, DCE Female to Smart Serial, 10 Feet 2x Console Cable 6ft with USB Type A and mini-B 1 X 42U Branded Data Cabinet with PDU and Cable Manager 2x Dual-band AX5400 at up to 5.4 Gbps, WPA2™/WPA3 WiFi security 20 x Premium Line Cat6 UTP Patch Cable, 5mtrs includes delivery and installation to USTP Panaon, USTP Cisco Academy Partner ◆ 2x CISCO CATALYST 8200L Product Highlights o Multicore processors – uses an Intel x86 CPU with 4 GB DRAM memory default, High-performance multicore processors support high-speed WAN connections, Dynamic core allocation architecture will repurpose unused cores into forwarding entities as per the user’s configuration o Embedded IPsec VPN Hardware acceleration – enables up to 500 Mbps IPsec traffic, Increases scalability for IPsec throughput requirements, SSL and crypto hardware acceleration	1	650,000.00	650,000.00
TOTAL BROUGHT FORWARD				P	650,000.00

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one (1) percent for every day of delay shall be imposed.

Checked and verified by:
MELANIE A. JALOVER
Head, Procurement Services
PR No. 2024-08

Very truly yours,
DR. AMBROSIO B. CULTURA II
President, USTP-System

Conforme:
Raymond C. Fernando
PENTAGON UNLIMITED TECHNOLOGIES, INC.

Signature over printed name of Supplier
February 8, 2024
Date

Funds Available:
CHERRY ANN SALUSOD-VILLARTE, CPA
ACCOUNTANT III
Signature Over Printed Name of Chief Accountant/
Head of Accounting Division/Unit

BUR/Obr No. : 124 24-02-0087
Amount : 750,000.00

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Date of Delivery : Sixty (60) Calendar Days upon receipt of Notice to Proceed
Delivery Term :
Payment Term : Full Payment after acceptance of goods

Table with 5 columns: Stock No., Unit, Description, Qty., Unit Cost, Amount. Includes detailed technical specifications for network equipment and a total amount of 650,000.00.

TOTAL BROUGHT FORWARD P 650,000.00
In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one (1) percent for every day of delay shall be imposed.

Checked and verified by: MELANIE A. JALOVER, Head, Procurement Services
Very truly yours: DR. AMBROSIO B. CULTURA II, President, USTP-System

Conforme: Raymond C. Fernando, PENTAGON UNLIMITED TECHNOLOGIES, INC.
Signature over printed name of Supplier
February 8, 2024
Date

Funds Available: CHERRY ANN SALUSOD-VILLARTE, CPA, ACCOUNTANT III
Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit
BUR/ObR No. : 1217 24-02-0087
Amount : 750,000.00

Handwritten notes: 11177.1 / 1 oct 25 030



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Stock No.	Unit	Description	Qty.	Unit Cost	Amount
TOTAL CARRIED FORWARD					650,000.00
		IPv4/MAC security ACEs: 600 (FE: 384) IPv6 security ACEs: 600 (FE: 256) Maximum active VLANs: 256 VLAN IDs available: 4094 Maximum STP instances: 64 Maximum SPAN sessions: 4 MTU-L3 packet: 9198 bytes Jumbo Ethernet frame: 10,240 bytes Dying Gasp: Yes (FE: No) MTBF in hours (data): 2,026,793 o Safety and compliance – Safety: UL 60950-1 Second Edition, CAN/CSA-C22.2 No. 60950-1 Second Edition, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, AS/NZS 60950-1, IEC 62368-1, UL 62368-1, GB 4943.1-2011 EMC: Emissions: 47CFR Part 15 Class A, AS/NZS CISPR32 Class A, CISPR32 Class A, EN55032 Class A, ICES-003 Class A, VCCI-CISPR32 Class A, EN61000-3-2, EN61000-3-3, KN32 Class A, CNS13438 Class A EMC: Immunity: EN55024 (including EN 61000-4-5), EN300386, KN35 Environmental: Reduction of Hazardous Substances (RoHS) including Directive 2011/65/EU Telco Common Language Equipment Identifier (CLEI) code U.S. government certifications: USGv6 and IPv6 Ready Logo o Connectors and interfaces – Indicator LEDs: Per-port status; link integrity, disabled, activity, System status; System Console cables: CAB-CONSOLE-RJ45 Console cable 6 ft. with RJ-45 Power: Use the supplied AC power cord to connect the AC power connector to an AC power outlet, Models have external power supply Management: IF-MIB, INET-ADDRESS-MIB, OLD-CISCO-CHASSIS-MIB, OLD-CISCO-FLASH-MIB, OLD-CISCO-INTERFACES-MIB, OLD-CISCO-IP-MIB, OLD-CISCO-SYS-MIB, OLD-CISCO-TCP-MIB, OLD-CISCO-TS-MIB RFC1213-MIB, RMON-MIB, RMON2-MIB, SNMP-FRAMEWORK-MIB, SNMP-MPD-MIB, SNMP-NOTIFICATION-MIB, SNMP-TARGET-MIB, SNMPv2-MIB, TCP-MIB, UDP-MIB Standards: IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, RMON I and II standards, SNMP v1, v2c, and v3, IEEE 802.3az, IEEE 802.3ae 10 Gigabit Ethernet, IEEE 802.1ax			
TOTAL BROUGHT FORWARD					P 650,000.00

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Checked and verified by:
MELANIE A. JALOVER
Head, Procurement Services
PR No. 2024-08

Very truly yours,
DR. AMBROSIO B. CULTURA II
President, USTP-System

Conforme:
Raymond C. Fernando
PENTAGON UNLIMITED TECHNOLOGIES, INC.
Signature over printed name of Supplier
February 8, 2024
Date

Funds Available:
CHERRY ANN SALUSOO-VILLARTE, CPA
ACCOUNTANT III
Signature Over Printed Name of Chief Accountant/
Head of Accounting Division/Unit

BUR/Obr No. : RF 24-02-0087
Amount : 730,000.00

11/11/24 / 1 06 05 030



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Address	: Tiano Kalambaguan St., Cagayan de Oro City, Misamis Oriental	Date	: February 06, 2024
E-mail Address	: raymond.fernando@puti.com.ph	Mode of Procurement:	Public Bidding
Telephone No.	: (088) - 323 - 0795 / 0927 - 773 - 8702		
TIN	: 777 - 279 - 472 - 000		
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Stock No.	Unit	Description	Qty.	Unit Cost	Amount
TOTAL CARRIED FORWARD					650,000.00
		<ul style="list-style-type: none"> ◆ 2x LINKSYS E9450 DUAL-BAND AX5400 WIFI6 <ul style="list-style-type: none"> o EasyMesh™ compatible, easily expand full speed WiFi coverage. o Covers up to 2,500 sq. ft, handles 40+ Devices, and Speeds up to 5.4 Gbps. o Powerful 1.5GHz triple-core processor deliver smooth 4K/8K UHD streaming to Smart TVs, mobile devices and gaming consoles. o With 160MHz bandwidth support, you can enjoy over 1Gbps WiFi speeds for blazing-fast streaming and downloading to devices that support 160MHz bandwidth. o More capacity to more devices with WiFi 6 OFDMA technology ◆ 1x PREMIUM LINE DATA CABINET RACK <ul style="list-style-type: none"> o Network Server Cabinet: depth 800mm/1000mm Features: <ul style="list-style-type: none"> o Compliant with ANSI/EIA RS-310-D, IEC297-2 o DIN41491.Part1, part7, DIN 4144 standards o connected by four corner to ensure the stability o cable entry from the top cover and bottom panel o removable side doors for easy installation and maintenance o 4pcs of M12 adjustable feet and 4 pcs of 2" heavy duty castors included o 40sets M6 cage nuts included (below 32U 20 sets) o up to 800 kgs static loading capacity with adjustable feet o toughened glass or perforated front door is available upon request, with metallic rear door or perforated door, or perforated front door with dual perforated door o standard "S" type vertical rail ("L" type vertical rail on request) Material & Color: <ul style="list-style-type: none"> o Frame: SPCC cold rolled steel, o Others: SPCC cold rolled steel o Thickness: frame and vertical mounting rail; 2.0mm, Horizontal bracket; 1.5mm, side door; 1.2mm, others; 1.2mm 			
TOTAL BROUGHT FORWARD					P 650,000.00

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Signature over printed name of Supplier
February 8, 2024

Date

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CHERRY ANN SALUSOD-VILLARTE, CPA
ACCOUNTANT III

Signature Over Printed Name of Chief Accountant/
Head of Accounting Division/Unit

BUR/Obr No. : 197 24-02-0087
Amount : 750,000.00

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Stock No.	Unit	Description	Qty.	Unit Cost	Amount
TOTAL CARRIED FORWARD					650,000.00

LOT 3: RACKMOUNT SERVER

Stock No.	Unit	Description	Qty.	Unit Cost	Amount
		BRANDED 1U RACKMOUNT SERVER			
		OFFER: 1x HPE PROLIANT DL20 GEN10 PLUS SERVER			
		Intel Xeon E3-2124 Processor, 16GB DDR4 ECC UDIMM, Onboard Broadcom 5720 Dual Port 1Gb LOM, Integrated RAID Controller, 1TB 7.2K RPM (1 x 1TB) SATA 6Gbps 3.5" Hot Plug HDD, 3Yr Next Business Day Onsite Service, Single Power Supply 250W, Rail kit			
4	pc	<ul style="list-style-type: none"> o Processor type: Intel® o Processor family: Intel® Xeon® E-2300 series o Processor number: 1 o Processor core available: 4 to 8 core, depending on processor o Processor cache: Up to 16 MB Intel® Smart Cache, depending on processor o Processor speed: 5.0 GHz, maximum depending on processor o Expansion slots: Two maximum o Memory slots: 4 DIMM slots, maximum o Memory type: HPE DDR4 Standard Memory o Memory protection features: ECC o Network controller- HPE embedded 1Gb 2-port BCM5720 Network Adapter o Storage controller: Intel® VROC SATA o Infrastructure management: HPE iLO5 o Warranty: Server warranty includes 3-years parts, labor, and on-site support with next business day response. o Drive supported: 2 Non-hot plug LFF or 2 Hot plug LFF or 4+2 Hot plug SFF 	1	100,000.00	100,000.00
		Nothing Follows			

GRAND TOTAL: SEVEN HUNDRED FIFTY THOUSAND PESOS AND 00/100 ONLY **P 750,000.00**

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Signature over printed name of Supplier
February 8, 2024
Date

Funds Available:
CHERRY ANN SALUSOD-VILLARTE, CPA
ACCOUNTANT III
Signature Over Printed Name of Chief Accountant/
Head of Accounting Division/Unit

BUR/Obr No. : PRF 24-02-0089
Amount : 750,000.00

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