



UNIVERSITY OF THE PHILIPPINES
LOS BANOS
 Los Banos, IV-A
 VAT Reg. TIN: 000-864-006-00004
Request for Quotation/ Bid Form (Technical Specifications)
TYPE AND USER/DEPARTMENT UNIT

UPLB BAC SECRETARIAT
 BY: JS DATE: 11-28-24
DEC 03 2024 *Cam*
UPLB-RQ- 11-519-24-6005
DEADLINE OF SUBMISSION

DEADLINE OF SUBMISSION:

Suppliers Name: _____

Date: 14 November 2024
 Fund Code: RF(8375100)
 MOP: SVP
 Contact No: 8498180093
 Contact Person: Arlyn Joy F. Viscaino/afviscaino@up.edu.ph

Please quote your lowest price on the item/s listed below, subject to the General Conditions below.

- Note:
- Bidders shall provide correct and accurate information required in this form. All entries must be typewritten or in print and properly accomplished. Do not leave blank entries, put N/A for not applicable.
 - Price quotation/s to be denominated in Philippine Peso shall include all taxes, duties, and/or levies payable.
 - Bidders must indicate the BRAND and MODEL NUMBER for equipment and its accessories or peripherals. Evidence shall be in the form of manufacturer's un-amended sale literature, unconditional statement of specification and compliance issued by the manufacturer and sample.
 - Quotation through fax/email is acceptable. Winning bidder shall submit original signed RQ before issuance of Purchase order (P.O.).
 - Quotations exceeding the Approved Budget for Contract shall be rejected.
 - Documentary requirements per Memorandum No. 03 Series of 2017 shall be attached upon submission of the quotation
 - Others:

ITEM No.	GENERAL NAME OF THE ITEM	REQUIRED SPECIFICATIONS	UNIT OF MEASURE	QTY	ESTIMATED UNIT APPROVED BUDGET OF THE CONTRACT	ESTIMATED TOTAL APPROVED BUDGET OF THE CONTRACT	OFFERED SPECIFICATION <small>Suppliers must state here the detailed technical specifications of their offer against each of the individual parameters of each requirement.</small>	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION <small>(Leave this space blank. For BAC/Evaluators only)</small>
		Supply, Delivery and Installation of Network Rehabilitation of MNH-UPLB								
	A.	Horizontal Data Cabling								
1	Patch Cord	Branded and Brand new, Cat6 Patch Cord, Machine crimped, 3 meters, Blue, T568B	un	32	450.00	14,400.00				
2	Information Outlet	Branded and Brand new, Cat6 UTP 90° Keystone Jack 110 Punch Down White	un	32	380.00	12,160.00				
3	Faceplate	Branded and Brand new, American Style Faceplate	un	16	250.00	4,000.00				
4	Connector Boots	Branded and Brand new Cat6 RJ45 Rubber Boots	un	88	20.00	1,760.00				
	B.	Racks and Accessories								
5	UTP Cable	Branded and Brand New, UTP CAT5e, 1000ft/box Cat5e with twisted pair bair copper Premise Horizontal Cable, Gigabit Ethernet, 100BAseTX, 100BAseVG ANYLAN, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU, Digital Video, RS-42 Conductor Count: 8 AWG: 24 Total number of pairs: 4 Material PO - Polyolefin Max. Capacitance Unbalance 330 pF/ 100m, Nom.Mutual Capacitance 15 pF/ ft UL Voltage rating: 300 V RMS, NEC Articles: 800 NEC/(UL) Specification: CMR, CEC/C (UL) Specification: CMR ISO/ IEC Compliance: 11801 ed 2.2 (2011) Class D Data Category: Category 5e ANSI compliance: S-90-661-2012 Category 5e, ANSI/NEMA WC-63.1 Category 5e Telecommunications Standards: ANSI/TIA-568-C.2 Category 5e Must be the same brand on the existing cable and network management system of UPLB (pref. Belden) and subject for inspection upon delivery.	box	8	7,810.00	62,480.00				

5	UTP Cable	<p>Branded and Brand New UTP Cat 6 Horizontal, 4pr, F/UTP, PVC Jkt, CMR Networking Horizontal Cable, 1000Base-T (Gigabit Ethernet), 100 Base-T (Fast Ethernet), 10Base-T (Ethernet), 100 Base VG, ANYLAN, 155ATM, 622ATM, ANSI.X3.263 FDDI TP-PMD, NISC/PAL</p> <p>Component or Composite Video, AES/EBU, Digital Video, RS- 422, Noisy Environments, 250MHz</p> <p>Category 6 CONDUCTOR: AWG: 23, Stranding: Solid, Material: Bare Copper, No. of pairs: 4</p> <p>COLOR CHART: White/Blue Stripe & Blue, White Orange Stripe, & Orange, White/Green stripe & Green, White/Brown stripe & Brown</p> <p>CONDUCTOR DCR: Max. Conductor DCR- 93.8 Ohm/km, Max DCR Unbalance-3%</p> <p>VOLTAGE: UL Voltage Rating-300 V RMS</p> <p>STANDARDS:</p> <p>NEC/(UL) Specification: CMR CEC/C (UL) Specification: CMR</p> <p>ISO/ I C Compliance: 11801 ed 2.2 (2011) Class E CPR Euro class: Eca</p> <p>Data Category: Category 6 ANSI Compliance: S-116-732-2013 Category 6, ANSI/NEMA WC-66</p> <p>Category 6 Telecommunications Standards: ANSI/TIA-568-C.2 Category 6</p> <p>Must be of the same brand on the existing cable and network management system of UPLB (pref. Belden) and subject for inspection upon delivery.</p>	box	2	11,000.00	22,000.00				
6	Connector	<p>Branded and brand new, Ethernet RJ45 Lan Connector, Category: Cat6</p> <p>100 pcs/ box</p> <p>50 micron terminals</p> <p>Applicable standards: TIA/EIA-568C,2 Max Current Voltage: 2A/125V AC Contact Resistance: 20m ohms; Housing: Polycarbonate</p> <p>Insulation resistance: 100M ohms</p> <p>Clear or Transparent with printed brand; Weight: 6.8g/pcs</p> <p>Certificate: CE,ROHS,ISO9001 Connectors should have a printed brand;</p> <p>Terminals below 50 micron in size will not be accepted; connectors' plastic packaging and box are officially sealed and subject for inspection upon delivery.</p> <p>Not officially sealed connector packaging will not be accepted upon inspection;</p> <p>Comply with approved network standard of DIC-UPLB;</p>	box	1	1,000.00	1,000.00				
9	PoE Injector	<p>Branded and Brand new Wireless Gigabit Power over Ethernet Injector For Indoor Access Point</p> <ul style="list-style-type: none"> • GIGABIT 10/100/1000 MBPS • 48 VDC .75 A • UL LISTED, RoHS • SMALL FORM FACTOR • 3 PRONGS GROUNDED DC CABLE, IEC, 6 ft <p>Officially sealed upon inspection; Warranty: 1 year on parts and services.</p>	un	6	3,500.00	21,000.00				

10	UPS	<p>Branded and brand new, Uninterrupted Power Supply; 650VA, 230V, AVR, Universal Sockets; Output: Output power capacity: 325 Watts/ 650VA max Configurable Power (Watts): 325 Watts / 650VA Nominal Output Voltage: 230V Output Frequency (sync to mains): 50/60 Hz +/-1 Hz Topology: Line Interactive Waveform type: Stepped approximation to a sinewave Output Connections: (2) Universal Receptacle (Battery Backup) Transfer Time 4ms typical: 6ms maximum; Batteries and Runtime: Batter type: same brand maintenance-free sealed Lead-Acid battery with suspended electrolyte; leakproof; Battery modules 1 Typical Recharge time: 4hour(s); Expected Battery Life (years) 2-4 Communications and Management: Control Panel LED Status display with On Line: On Battery Audible Alarm: Alarm when on battery; distinctive low battery alarm; overload continuous; Environmental: Audible Noise at 1 meter from surface of unit 40.0dBa, Officially sealed upon inspection; Warranty: 2 years on repair or replace</p>	un	1	7,500.00	7,500.00				
		<p>Control Panel LED Status display with On Line: On Battery Audible Alarm: Alarm when on battery; distinctive low battery alarm; overload continuous; Environmental: Audible Noise at 1 meter from surface of unit 40.0dBa, Officially sealed upon inspection; Warranty: 2 years on repair or replace</p>								
	C.	Fluke Test								
11		<p>Fluke test for 44 nodes; Comprehensive test includes: cable length, transmission delay, delay deviation, and tributary, loop resistance, insertion loss (attenuation), return loss, near-end crosstalk, far-end near-end crosstalk, etc, with graphs)</p>	lot	1	17,600.00	17,600.00				
	D.	Network Access Point								
12	Access Point	<p>Branded and Brand WiFi6 2x2 compact PoE Access Point • Mechanical • Box included (PoE Injector, Mounting Kit) • Enclosure materials: Polycarbonate, aluminum • Mount materials: ABS, SGCC steel • Hardware • Networking interface: (1) GbE RJ45 port</p>	un	6	12,000.00	72,000.00				