

UPLB BAC SECRETARIAT	DATE: 2014-07-18
<i>[Signature]</i>	JUL 18 2023 9AM
UPLB-RQ-7 - 224-23 - PGS	
DEADLINE OF SUBMISSION	

UNIVERSITY OF THE PHILIPPINES
LOS BANOS
Los Baños, N.A.
VAT Reg. No.: 000-884-008-00004
Request for Quotations Bid Form (Technical Specifications)
SERVICE OF INTERNATIONAL MESSAGE

Supplier's Name:

Date: July 10, 2023
Fund Code: M837000
NCP: Small Value Procurement
Contact No: 538-8619 / mfebelbel@up.edu.ph
Contact Person: Maria Joyce Robatambe

UPLB-RQ-
DEADLINE OF SUBMISSION:

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 quotations 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-authenticated sales literature, unconditioned statement of specification and compliance issued by the manufacturer and samples.
- Quotation through fax/fax will be acceptable. Winning bidder shall submit original signed RQ before issuance of Purchase order (P.O.)
- Quotations exceeding ten (10) days shall be rejected.
- Documentation requirements per Memorandum No. 03 Series of 2017 shall be attached upon submission of the quotation.
- Others:

GENERAL ITEM NO. OF THE ITEM	DESCRIPTION	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION	
				UNIT OF MEASURE	ESTIMATED UNIT APPROVED BUDGET OF THE CONTRACT
A	HORIZONTAL DATA CABLING				
	Branched and brand new, CAT5e Patch Cord, Machine crimped, 2m, blue	Pes 35 137.80	4,823.00		
	Branched and Brand new Information Outlet, Cat5e Keystone Jack White, 110 punch down type	Pes 35 126.10	4,413.50		
	Branded and Brand new Faceplate RJ45 Port. 2 Gang US Type	Pes 35 150.00	5,250.00		

B		RACKS AND ACCESSORIES			
Branched and Brannd New UTP Cat 6 Horizontal, 4pr, E/UTP, PVC Jkt, CMR	box	1	10,033.00	10,033.00	
LAN Category: Cat6					
Terminated/Utterminated: Untermminated					
Length: 1000ft					
Shield Type: U/UTP					
Outer Sheath Material: LSZH					
American Wire Gauge: 23 AWG					
Outer Diameter: 6.5mm					
Series: 7812ENH					
Cross Sectional Area: 0.2 mm ²					
Number of Strands: 1					
Voltage Rating: 48 V					
Current Rating: 1.5 A					
Standards Met: European standard: EN 50173-1 (2002) and EN 50173-1 Amendment 1 (2009), International standard: ISO/IEC 11801 2nd edition (2002) and ISO/IEC 11801 Amendment 2 (2010), U.S. Standard: ANSI/TIA/EIA 568-B.2-1 (2002)					
Conductor Strand Type: Solid Bare Copper					
Capacitance: 56 pF/m					
Cable Shape: Twisted Pair					
Must be of the same brand on the existing cable and network management system of UPLB and subject for inspection upon delivery.					

Branded and Brand New, UTP CAT5e Cable with twisted pair bare copper Premise Horizontal Cable, Gigabit Ethernet, 1000Base-X, 1000BaseVG ANYLAN, 155ATM, 622ATM, NTSC/PAL, Component or Composite Video, AUI/SBUI, Digital Video, RS-42 Conductor Count: 8 AWG: 24	Total number of pairs: 4 Material 180 - Polyolefin Max. Capacitance Unbalance 330 pF/ 100m Nom. Mutual Capacitance 15 pF/ ft UL Voltage rating: 300 V RMS NEC Article: 800	box	4
	NECA(U.) Specification: CMR CECIC (U.) Specification: CMR ISO IEC Compliance: 11801 ed 2.2 (2011) Class D Data Category: Category Sc ANSI compliance: S-90-661-2012 Category Sc ANSI/NEMA WC-63.1 Category Sc Telecommunications Standards: ANSI/TIA-568-C.2 Category Sc		
	1000ft/Box		
	Must be the same brand on the existing cable and network management system of TPI B and subject for inspection upon delivery.		

Branded and brad new, Ethernet RJ45 Lan Connector, Category: Cat6 100 pieces box 50 micron terminals Applicable standards: TIA/EIA-568C.2		box	800,- KH	800,- KH
Max Current Voltage: 2A/125V AC Contact Resistance: 20m ohms; Housing: Polycarbonate Insulation resistance: 100M ohms Clear or Transparent with printed brand; Weight: 6.8g/pes				
Certificate CE, ROHS, ISO9001 Connectors should have printed brand; Terminals below 50 micron in size will not be accepted; connectors plastic packaging and box are officially sealed and subject for inspection upon delivery. Comply with approved network standard of ITTC- UPLB;				

Brand New, Network Data Cabinet No of units: 6U Wall mountable 1 Exhaust Slot: Removable Side Panel, Glass Front Panel with Key, Removable Top and Bottom Slot for Cable Management Size: 600mm x 450mm x 330mm Surge Protected PDU, Grounding and mounting kit Included.	pcu 1	6,500.00	6,500.00
Bundled and brand new 24-Port Gigabit L2+ Managed Switch with 4 SFP Slots PORT: 24xGigabit RJ45 Ports, 4xGigabit SFP Slots, RJ45/Micro-USB Console Port SPEC: 1U 19-inch Rack-mountable Steel Case FEATURE: Integration with OnSite SDN Controller, Static Routing, OAM, 802.1Q VLAN, QinQ, STP/RSTP/MSTP, IGMP Snooping, 802.1p/QoS, ACL, 802.1X, Radius/Challenge-Authentication, LACP, CLI, SNMP, Dual Image/Configuration, IPv6 Must be compatible with the existing Network management System or ONT/B Rackmounting ears with kit included, Warranty: 2 years on parts and services.	pcs 2	20,320.00	40,640.00

Brand new and Bundled Access Point U6 Lite WiFi 6 X-Mega Enterprise AP Mechanical; Enclosure Materials: Polycarbonate, Aluminum; Mounting Materials: Poly-carbonate, SGCC Steel Hardware; Management Interfaces: Ethernet/Bluetooth; Reboot: Factory Reset; Networking Interface: (1) GbE; RJ45 Port; Power Method: 802.3af PoE, Passive PoE (48V); Power Supply: 802.3af PoE 48V, 0.32A PoE Power Consumption: 12V, Max. TX Power: 2.4 GHz 23 dBm, 5 GHz 17 dBm, MIMO: 2.4 GHz 2x2, 5 GHz 2x2; Throughput Rate: 2.4 GHz 300 Mbps, 5 GHz 1201 Mbps; Antenna Gain: 2.4 GHz 2.8 dBi, 5 GHz 3 dBi; Operating Temperature: 30 to 60°C (-22 to 140°F); Operating Humidity: 5-95% noncondensing Software: WiFi Standard: 802.11ac/b/g/n WiFi Enterprise (WPA/WPA2/WPA3); BSSID: 8 per Radio; VLAN: 802.1Q; Advanced QoS Per-user Rate Limiting; Gueststrafe Isolation: Supported; Concurrent Client: 300+ Original, same brand PoE injector and mounting kit included; Compatible with existing UniFi Controller/Network Management system of UPM; Officially sealed upon delivery and inspection; Warranty: 1 year on repair, parts and services	pc	1	10,160.00	10,160.00

Bruned and Brand ne, 650VA, 230V, AVR, Universal Sockets Output: Output power capacity 325 Watts/ 650V Amox Configurable Power (Watts) 325 Watts / 650V A Nominal Output Voltage 230V Output Frequency (sync to mains) 50/60 Hz +/-1 Hz Frequency Interactive Waveform type Stepped approximation to a sinewave Output Connections (2) Universal Receptacles (Battery Backup) Transfer Time 4ms typical: 6ms maximum	PCs 1	\$,000.00	\$,000.00
Batteries and Runtime: Batter type: same brand maintenance-free sealed Lead-Acid battery with suspended electrolyte; leakproof included Battery modules 1 Typical Recharge time: 4 hour(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; over load continuous			
Environmental: Operating Environment 0-40°C Operating Relative Humidity 0-95% Operating Elevation 0-1968.3 meters; Storage Temperature: 20-50°C; Storage Relative Humidity 0-95%; Storage Elevation: 0-14763.6 meters; Audible Noise at 1 meter from surface of unit 40.0dB(A) Warranty: 2 years on repair or replace			

LOCAL AND CONSUMABLE MATERIALS						
C		QTY	UNIT	PRICE	TOTAL	REMARKS
	Utility Box White 4" x 4"	15		57.50	2,012.50	
	Brand new Pull box 4'x8' inches	1		500.00	500.00	
	Branded and Brand new Liquid Nails Heavy Duty Stronger Bond 320GM with caulking gun	3	SET	750.00	2,250.00	
	Brand new PVC White Plastic Mouldings (2x8ft)	10		350.00	3,500.00	
	Brand new PVC White Plastic Mouldings (1x8ft)	10		250.00	2,500.00	
	Branded and Brand new Duplex Universal Outlet with Faceplate (2 Gang)	1		350.00	350.00	
	Brand new Electrical Wire #12 AWG 7 strands 3.5sqmm	15	METERS	50.00	750.00	
	Brand new Metal Screw with Tax #8 (100 pieces)	3	SET	400.00	1,200.00	

	PVC Pipe Orange (1x8 ft)	pcu	15	320.00	4,800.00	/
	PVC Clamp 1"	pcu	45	11.50	517.50	/
	Brund new Labelling Tape	set	1	2,875.00	2,875.00	/
	PVC Cement 400cc	pcu	1	400.00	400.00	/
	Brund and Brundnew Aluminium blind rivets (1/8") (by 1/2) 1000 pcs	box	1	2,300.00	2,300.00	/
	Brund new Nylon Cable Tie 8 x 400mm Around 16 inch or 40cm long 100 pcs per pack Colour : Black	pkc	3	350.00	1,050.00	/
D	FLUKE TEST 35 Nodes	lot	1	7,000.00	7,000.00	/

E	MANPOWER AND LABOR	lot	1	\$3,422.25	\$3,422.25	TOTAL QUOTED AMOUNT IN WORDS:
	<p>1. Installation of roughing inks. Cable pulling, termination of all nodes, commissioning and testing, submission of test health pluses</p> <p>2. Testing Community and Install AP's with proper labelling and Documentation (cable location or us built map, node fluke test results, cable mapping with label, network diagram and aerial WiFi heat map results).</p> <p>3. Cabling works and laying out cable duct, pvc mouldings, outdoor UTP cable with proper piping technique, outdoor RJ45 info box, antenna J mount, brackets and other accessories needed for the installation, configuration, testing and commissioning</p> <p>4. Restoration and repair of demangled ceiling or wall partitions (also on removing old cables and network equipments), building part(wall/floor) during the course of installation.</p> <p>5. Removal of old cables and equipment upon activation of new network management by the ITC.</p>					

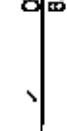
Note:

Site inspection required:

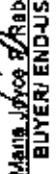
Site Inspection Schedule: July 17 - July 21, 2023

Initial inspection required on the winning bidder before the installation.
Rehabilitation is limited only on the Network cabling and Internet.
All items must be Sealed upon delivery and inspections.

Reviewed and Checked By:


Mark Estrada, P.E. /  / Donny Ray Camus, P.E. /  / Mark North Dimapilla
BPA TWG

Please quote at your government price (including VAT) and state that the time within which you can make delivery, it will be appreciated if we can have your quotation to the office as soon as possible on or before the deadline stated herein.


Hans Joyce M. Rabatine /  / BUYER END-USER

TERMS AND CONDITIONS:

1. Price quotations shall be valid for a period of at least (30) calendar days from the date of submission.
2. In order to assure that manufacturing defects shall be corrected by supplier, a warranty security shall be issued from the contract award for a minimum period of three (3) months in the case of EXPENDABLE SUPPLIES, or a minimum of one (1) year warranty and two (2) to three (3) years extended warranty (if applicable). In the case of NON-EXPENDABLE SUPPLIES after acceptance by end-user of the delivered supplies.
3. Delivery period within 2 calendar days.
4. Award of contract shall be made to the lowest quotation which complies with the technical specifications, and other terms and condition related herein.
5. UPCL reserves the right to reject any or all offers it may be considered that are not competitive to the University.
6. Any interference, misuse, or overwriting shall be valid only if they are signed or initialed by you or any of your duly authorized representatives.

Requirements for Suppliers (GPPB Resolution No. 21-2017)

REQUIREMENTS	Specifying (Section 37)	Negotiated Procurement- Small Value Procurement (Section 53.9)	Negotiated Purchase of Real Property or Venue [Section 53.10]	Negotiated Procurement- Scientific, Scholarly or Artistic Work, Exclusive Technology and Media Services (Section 53.6)	Negotiated Procurement- Emergency [Section 53.2]
1. Mayor's Business Permit	/	/	/	/	/
2. PhilGEPS Registration Number	/	/	/	/	/
3. Professional Engineer (consulting services)	/	/	/	/	/
4. FGCA License (for infrastructure)	/	/	/	/	/
5. Income / Business tax returns (except for government agencies as noted)	/	/	/	/	/
6. Omnibus Sworn Statement	/	/	/	/	/
7. INFCC for Infrastructure with ABC Book & PH500K	/	/	/	/	/

After having carefully read and accepted your General Conditions, I/We (print) you on the line of prices noted above.

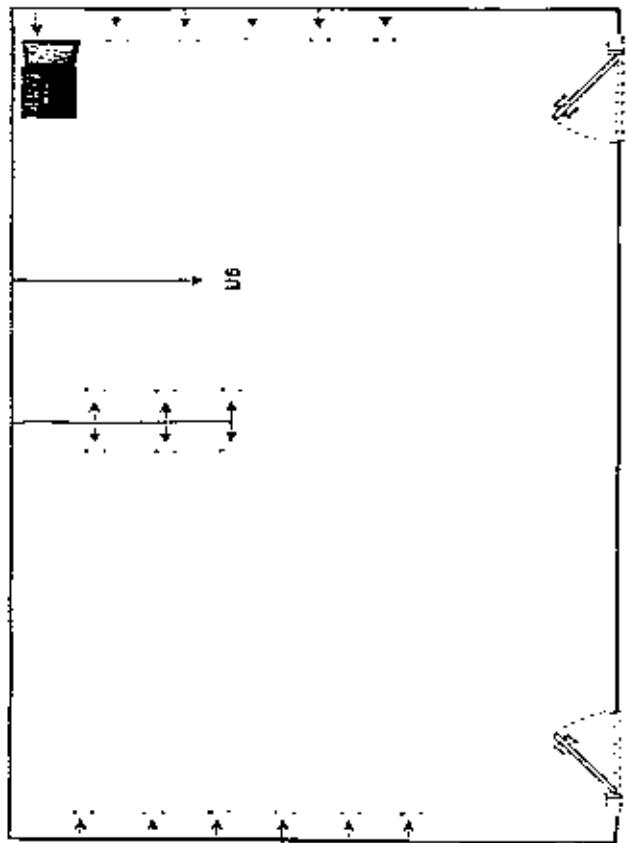
Name of the Company:

Address:

Signature of:
Printed name of
Representative
Position

Tel. No. _____	Fax No. _____
E-mail Address: _____	Date: _____

LABORATORY 1



LEGENDS

Uniquely W-H U3	U8
Network Port Switch	
External Wall Jack (Double Sockets)	
Customer Cables (Cable Color)	

Note: The Network Switch must be submitted by the supplier / New Order Code

PROPOSED NETWORK DESIGN OF CATL LABORATORY 1

INFORMATION TECHNOLOGY
CENTER
Room 200, 2F Abadardo Samonte Hall
University of the Philippines
Los Baños Laguna College
lctc@up.edu.ph



Approved By:	Reviewed By:	Initiated By:	No.:
Alfred M. Ordinola Senior ICT Assistant	Arlito F. Rabajina Junior ICT Assistant	Alfred M. Ordinola Senior ICT Assistant	1 Engr. Deo Puthan North Adminstrator

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