



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 13050951  
**Procuring Entity** CARLOS HILADO MEMORIAL STATE UNIVERSITY  
**Title** Procurement of Consolidated ICT Supplies and Equipment for the Four (4) Campuses  
**Area of Delivery** Negros Occidental

<b>Solicitation Number:</b>	CHMSU 26-018-0610-G	<b>Status</b>	<b>Pending</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	8
<b>Procurement Mode:</b>	Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b>	Goods	<b>Document Request List</b>	0
<b>Category:</b>	Information Technology	<b>Date Published</b>	11/06/2026
<b>Approved Budget for the Contract:</b>	PHP 1,143,080.00	<b>Last Updated / Time</b>	10/06/2026 14:45 PM
<b>Delivery Period:</b>	45 Day/s	<b>Closing Date / Time</b>	02/07/2026 11:00 AM
<b>Client Agency:</b>			
<b>Contact Person:</b>	Rowena De la Vida Prado Administrative Assistant II Mabini Street Talisay City Negros Occidental Philippines 6115 63-34-7120005 Ext.142 63-939-9296624 bac.sec@chmsu.edu.ph		

#### Description

CARLOS HILADO MEMORIAL STATE UNIVERSITY  
 BIDS AND AWARDS COMMITTEE  
 TALISAY CITY, NEGROS OCCIDENTAL  
 INVITATION TO BID  
 FOR THE PROCUREMENT OF CONSOLIDATED ICT SUPPLIES AND EQUIPMENT FOR THE FOUR (4) CAMPUSES  
 CHMSU 26-018-0610-G

1. Carlos Hilado Memorial State University, through the Corporate Budget for the Contract of 2026 approved by the governing Board (GAA/MDS), intends to apply the sum of ONE MILLION ONE HUNDRED FORTY-THREE THOUSAND EIGHTY PESOS & 00/100 (Php 1,143,080.00) being the Approved Budget for the Contract (ABC) to payments under the contract for the PROCUREMENT OF CONSOLIDATED ICT SUPPLIES AND EQUIPMENT FOR THE FOUR (4) CAMPUSES. Bids received in excess of the ABC shall be automatically rejected at bid opening.

ITEM NO. DESCRIPTION ABC/ITEM  
 1 ICT SUPPLIES 147,888.00  
 2 ICT EQUIPMENT 579,000.00  
 3 NETWORK SUPPLIES AND EQUIPMENT 416,192.00  
 TOTAL ABC 1,143,080.00

2. Carlos Hilado Memorial State University now invites bids for the above Procurement Project. Delivery of the Services is required by Forty-Five (45) calendar days upon receipt of Notice to Proceed. Bidders should have completed, within two (2) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.

3. Bidding will be conducted through open competitive bidding procedures using the non-discretionary pass/fail criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

4. Prospective bidders may obtain further information from CARLOS HILADO MEMORIAL STATE UNIVERSITY and inspect the Bidding Documents at the address given below during 8:00 A.M. to 5:00 P.M.

The BAC Secretariat  
Brgy. Zone I, Mabini St.,  
Talisay City, Negros Occidental

5. A complete set of Bidding Documents may be acquired by interested Bidders on June 11 – July 2, 2026 (11:00A.M.) from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the maximum amount of Five Thousand Pesos (Php 5,000.00) Only. The Procuring Entity shall allow the bidder to present its proof of payment for the fees.

**ITEM**

**NO. DESCRIPTION ABC/ITEM COST OF BIDDING DOCUMENTS**

1 ICT SUPPLIES 147,888.00 500.00  
2 ICT EQUIPMENT 579,000.00 1,000.00  
3 NETWORK SUPPLIES AND EQUIPMENT 416,192.00 500.00

6. Carlos Hilado Memorial State University will hold a Pre-Bid conference on 10:30 A.M., June 18, 2026 at Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental and or through video conferencing or webcasting via Zoom Meeting with ID No. 540 036 7488, Meeting Password 061826, which shall be open to prospective bidders.

7. Bids must be duly received by the BAC Secretariat through (i) manual submission at the Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental, (ii) online or electronic submission at bac.sec@chmsu.edu.ph or (iii) both on or before 11:00 A.M., July 2, 2026. Late bids shall not be accepted.

Bids may be submitted through electronic mail to bac.sec@chmsu.edu.ph provided that the bidding documents are compressed into two (2) separate archived folders (zip or rar format) and which each folder shall be labelled as "First Envelope\_Name of Company\_Project Reference Number" and "Second Envelope\_Name of Company\_Project Reference Number" and each is uniquely password-protected;

Bidders must submit the printed copies (Original, Copy 1 and Copy 2) of their bidding documents within 3 calendar days from bid opening.

8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 14.

9. Bid opening shall be on 11:30 A.M., July 2, 2026, at the Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental through Zoom Meeting ID No. 540 036 7488, Meeting Password 070226. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. Carlos Hilado Memorial State University reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA 9184, without thereby incurring any liability to the affected bidder or bidders.

11. For further information, please refer to:

ENGR. SHERWIN R. ILIGAN  
Head, BAC Secretariat  
Carlos Hilado Memorial State University  
Brgy. Zone 1, Mabini St.,  
Talisay City, Negros Occidental  
Email Add.: bac.sec@chmsu.edu.ph  
Telephone Nos.: (034) 454-0529; 454-0584 local 142  
Mobile No.: 0920-5833046  
Website: chmsu.edu.ph

12. You may visit the following websites:

For downloading of Bidding Documents: [chmsu.edu.ph](http://chmsu.edu.ph)

For online bid submission: [bac.sec@chmsu.edu.ph](mailto:bac.sec@chmsu.edu.ph)

MA. RIZA T. MANALO, PhD  
BAC Chairperson

**Line Items**

Item No.	Product/Service Name	Description	Quantity UOM		Budget (PHP)
1	LOT 1	ICT SUPPLIES	1	Lot	147,888.00
2	LOT 2	ICT EQUIPMENT	1	Lot	579,000.00
3	LOT 3	NETWORK SUPPLIES AND EQUIPMENT	1	Lot	416,192.00

**Pre-bid Conference**

Date	Time	Venue
18/06/2026	10:30:00 AM	Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental and or through video conferencing or webcasting via Zoom Meeting with ID No. 540 036 7488, Meeting Password 061826, which shall be open to pr

**Created by** Rowena De la Vida Prado

**Date Created** 10/06/2026

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# Carlos Hilado Memorial State University

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006593

JUN 04 2026

3:54

BY: [Signature] DATE: JUN 04 2026  
OFFICE OF THE AUDITOR

## Bids and Awards Committee



### INVITATION TO BID FOR THE PROCUREMENT OF CONSOLIDATED ICT SUPPLIES AND EQUIPMENT FOR THE FOUR (4) CAMPUSES CHMSU 26-018-0610-G

1. Carlos Hilado Memorial State University, through the Corporate Budget for the Contract of 2026 approved by the governing Board (GAA/MDS), intends to apply the sum of **ONE MILLION ONE HUNDRED FORTY-THREE THOUSAND EIGHTY PESOS & 00/100 (Php 1,143,080.00) ONLY** being the Approved Budget for the Contract (ABC) to payments under the contract for the **PROCUREMENT OF CONSOLIDATED ICT SUPPLIES AND EQUIPMENT FOR THE FOUR (4) CAMPUSES**. Bids received in excess of the ABC shall be automatically rejected at bid opening.

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	<b>TOTAL ABC</b>	<b>1,143,080.00</b>

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✉ bac.sec@chmsc.edu.ph  
☎ (034) 712 0005 local 142  
🌐 chmsc.edu.ph

## GREEN CHMSU EXCELSIOR!

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# Carlos Hilado Memorial State University

Alijis Campus • Binalbagan Campus • Fortune Towne Campus • Talisay (Main) Campus

*A leading GREEN institution of higher learning in the global community by 2030*

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Telephone Nos.: (034) 454-0529; 454-0584 local 142  
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MA. RIZA T. MANALO, PhD  
BAC Chairperson



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**CARLOS HILADO MEMORIAL STATE UNIVERSITY  
BIDS AND AWARDS COMMITTEE**

Talisay City, Negros Occidental  
Tel. Nos.: (034) 454-0529; 454-0584 Local 142  
Mobile No.: 0920-5833046

Project Reference No: **CHMSU 26-018-0610-G**  
Name of the Project: **PROCUREMENT OF CONSOLIDATED ICT SUPPLIES AND EQUIPMENT FOR THE FOUR (4) CAMPUSES**  
Location of the Project: **FOUR (4) CAMPUSES**

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***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			<b>LOT 1 - ICT SUPPLIES</b>		
1	6	PCS	<b>AVR 500VA PSL-500D W 3X220V, 1X110V Universal</b> CAPACITY: 500VA/300W Input Voltage: 220/230/240Vac Input Voltage Range: 220/230/240Vac: 172-276Vac Input Frequency Range: 50 or 60 Hz Output Steps of Regulation: 2 (1-step Boost & 1-step Buck) Output Receptacles: Universal Nema*4pcs Output Protection: Overload / short circuit: manual reset circuit switch, Over-temperature: thermal switch Indicators Regulating LED: Green Environment Humidity: 0-95% (Non-condensing) Noise Level: Less than 40dB at 1M Dimension(W*H*D): 80*77*220MM		
2	2	PCS	<b>Maintenance Box Chip Resetter</b> <b>Compatible with Epson T04D1</b> Compatible with Epson T04D1 Function: Resets waste ink counter chip Operation: Plug-in / press-to-reset Power: Battery or USB (varies by model) Use: Printer maintenance / servicing		
3	8	PCS	<b>Printer Belt Encoder Strip</b> <b>Compatible with Epson L3110</b> Material: Clear plastic with printed scale Function: Carriage position sensing Location: Inside printer, behind carriage rail Importance: Ensures print alignment and accuracy		
4	10	BOT	<b>Printer Cleaning Solution</b> Use: Print head, ink nozzle, ink tube cleaning Compatible: Dye & pigment ink printers Application: Manual cleaning / flushing Purpose: Removes dried or clogged ink		
5	5	PCS	<b>Printer Head Cable and Sensor</b> <b>Compatible with Epson L120</b> Parts included: Print head flat cable (FFC), Sensor (carriage / encoder sensor) Function: Signal transmission & position detection Use: Printer repair / replacement part		

Signature of Bidder \_\_\_\_\_  
Name of Firm \_\_\_\_\_  
Date \_\_\_\_\_



**CARLOS HILADO MEMORIAL STATE UNIVERSITY  
BIDS AND AWARDS COMMITTEE**

Talisay City, Negros Occidental  
Tel. Nos.: (034) 454-0529; 454-0584 Local 142  
Mobile No.: 0920-5833046

Project Reference No: **CHMSU 26-018-0610-G**  
Name of the Project: **PROCUREMENT OF CONSOLIDATED ICT SUPPLIES AND EQUIPMENT FOR THE FOUR (4) CAMPUSES**  
Location of the Project: **FOUR (4) CAMPUSES**

***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			Material: Flexible ribbon cable + electronic sensor		
6	5	PCS	<b>Printer Head Cable and Sensor</b>		
			<b>Compatible with Epson L3110</b>		
			Compatible models: Epson L3110		
			Parts included: Print head flat cable (FFC)		
			Sensor (carriage / encoder sensor)		
			Function: Signal transmission & position detection		
			Use: Printer repair / replacement part		
			Material: Flexible ribbon cable + electronic sensor		
7	20	PCS	<b>USB Keyboard and Mouse Black</b>		
			Keycaps: A-Shape, Round Edge		
			Hotkeys: 12 FN Multimedia Hotkeys		
			Character: Laser Engraving		
			Adjustable Keyboard Legs: Yes		
			Rating: 5 V / 30 Ma, Dimension: 454 × 153 × 32 mm		
			Weight: 585 g, Cable Length: 150 cm, Port: USB, Mouse: OP-720		
			Report Rate: 125 Hz, Sensor: Optical, Resolution: 1000 DPI		
			Rating: 5 V / 100 mA, Buttons No.: 3,		
			Ergonomic Design: Symmetric, Size: Middle / Big Hands		
			Dimension: 119 × 62 × 37 mm, Weight: 86 g		
			Cable Length: 150 cm, Port: USB		
			System Requirements: Windows XP/Vista/7/8/8.1/10/11		
			Features: FN Hot Keys, 5M Clicks Button Lifetime, 1000 DPI		
			Dust-resistant Wheel		
			Comfort Rounded keycaps, Laser Inscribed keys		
			Adjustable keyboard height		
8	2	PCS	<b>750 watts 80 Plus Bronze Power Supply</b>		
			PART NO.: CP-9020237, AC INPUT: 100-240V		
			INPUT CURRENT: 10A-5A, FREQUENCY: 47~63Hz		
			TOTAL POWER: 750W		
9	3	PCS	<b>Extension Cord Set with Universal</b>		
			<b>Outlet &amp; Switch</b>		
			Outlets: 4 Total - typically 3 convenience outlets + 1 universal outlet (accepts various plug types)		
			Rated Power: 2,500 W maximum total load		
			Rated Current: 10 A, Rated Voltage: 250 V		
			Cord Length: 1.83 meters (approx. 6 feet)		
			Switch: Master switch - controls all outlets		

Signature of Bidder \_\_\_\_\_  
Name of Firm \_\_\_\_\_  
Date \_\_\_\_\_



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Location of the Project: **FOUR (4) CAMPUSES**

page 3 of 13

***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
9	3	PCS	<b>Extension Cord Set with Universal Outlet &amp; Switch</b>		
			Outlets: 4 Total - typically 3 convenience outlets + 1 universal outlet (accepts various plug types)		
			Rated Power: 2,500 W maximum total load		
			Rated Current: 10 A, Rated Voltage: 250 V		
			Cord Length: 1.83 meters (approx. 6 feet)		
			Switch: Master switch - controls all outlets		
			Materials: - Rigid brass internal strips,		
			- Copper outlet contacts for good grip and conductivity		
			Safety Features: - Real grounding system connection		
			Built-in safety circuit breaker, - Built-in lightning protector (surge protection), - Fire-retardant enclosure material		
10	5	PCS	<b>AVR 400-1000VA Single Phase 600W UPS with AVR Uninterruptible Power Supply</b>		
			General		
			Type: Line-Interactive UPS with AVR (Automatic Voltage Regulation), Capacity: ~1000 VA / 600 W, Phase: Single-Phase AC		
			Form Factor: Tower style (upright design typical of conventional UPS units), Weight & Size: About ~5.8 kg and ~95 × 320 × 160 mm, Weight & Size: About ~5.8 kg and ~95 × 320 × 160 mm, Input / Output		
			Input Voltage: Designed for 220 / 230 / 240 V AC (50 / 60 Hz) single-phase grid inputs		
			Output Voltage: Regulated 220 / 230 / 240 V AC via AVR and battery backup as needed		
			Automatic Voltage Regulation (AVR): Boost and buck to correct high or low input voltages before switching to battery, Sockets: Usually 4 × universal outlets to accommodate different plug types, Battery,		
			Battery Type: Internal sealed lead-acid (typical for this class)		
			Battery Configuration: 1 × 12 V/9 Ah (common spec on equivalent AID1000 models)		
			Charging: Fast charging with auto-charge even in OFF mode, Cold Start: Can power on directly from battery in absence of utility power, Indicators & Controls,		
			Front panel LED indicators for AC output (green), battery status (yellow), and DC output (red)		

Signature of Bidder \_\_\_\_\_  
Name of Firm \_\_\_\_\_  
Date \_\_\_\_\_



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page 4 of 13

***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			Power On/Off button on front panel, Protection		
			Overload protection & short-circuit protection		
			Basic surge and undervoltage defense via AVR and in-built control, Runtime		
			Offers several minutes of runtime depending on connected load (e.g., around 7-8 minutes with ~180 W load) - actual backup time varies by usage and battery condition.		
11	2	PCS	<b>10 pcs screwdriver and precision screwdriver set</b>		
			Basic Screwdrivers (6 pieces)		
			Used for general household tasks like furniture assembly, appliances, etc., Slotted (Flathead) sizes - e.g., SL5×75mm, SL5×100mm, SL6×150mm, Phillips sizes - e.g., PH1×75mm, PH1×100mm, PH2×150mm, Precision Screwdrivers (4 small pieces)		
			Used for electronics, gadgets, eyeglasses, tiny screws.		
			Slotted - e.g., SL3 × 50 mm, Phillips - PH0 × 50 mm		
			Torx - T6 & T8 × 50 mm,		
			Total: 10 pieces - 6 regular + 4 precision drivers.		
12	2	PCS	<b>Crimping Tool</b>		
			Electrical terminals: ring, spade, butt connectors		
			Networking cables: RJ45 (Ethernet), RJ11 (phone), RJ12		
			Modular plugs: crimping data connectors onto CAT5/6/7 cables		
			Some tools can crimp, cut, and strip wires in one tool.		
			Handheld plier-style: manual hydraulic, ratchet, or regular		
			Ratchet action: ensures full compression before release		
			Adjustable dies or multiple crimping positions		
			Insulated handles for safe electrical work (in some models)		
13	2	PCS	<b>HDD/SSD DOCKING STATION</b>		
			Compatibility: 2.5" & 3.5" SATA HDD/SSD (SATA I/II/III).		
			Interface: USB 3.0 / USB 3.2 Gen 1 (up to 5 Gbps) - fast transfers.		
			Clone Function: Some docks can copy drives without a PC connected. Plug & Play: No drivers needed on most systems (Windows, Mac, Linux).		
			Hot-Swappable: You can add/remove drives without shutting down (varies by model).		
14	3	PCS	<b>VGA TO HDMI</b>		

Signature of Bidder \_\_\_\_\_  
Name of Firm \_\_\_\_\_  
Date \_\_\_\_\_



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page 5 of 13

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Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			Direction: VGA input → HDMI output (unidirectional)		
			Video Support: Up to 1920×1080 (1080p) at 60 Hz on most converters		
			Audio: Often includes a 3.5 mm stereo audio input to embed audio into HDMI		
			Power: Many adapters are USB-powered if the VGA source can't supply enough power for conversion		
			Compatibility: Works with older desktops/laptops with VGA ports and HDTVs/Monitors with HDMI inputs		
15	6	PACKS	<b>DOUBLE A BATTERY (AA)</b>		
			Type: AA (Double-A)		
			Voltage: 1.5V (Alkaline) / 1.2V (Rechargeable)		
			Size: Approx. 50.5 mm length × 14.5 mm diameter		
			Capacity: Approx. 1,800–3,000 mAh (alkaline)		
			Chemical Type: Alkaline/Carbon Zinc/Ni-MH (rechargeable)		
			Common Uses: Remote controls, toys, flashlights, radios, wireless mouse & keyboard		
16	6	PACKS	<b>TRIPLE A BATTERY (AAA)</b>		
			Voltage: 1.5V (Alkaline) / 1.2V (Rechargeable)		
			Size: Approx. 44.5 mm length × 10.5 mm diameter		
			Capacity: Approx. 800–1,200 mAh (alkaline)		
			Chemical Type: Alkaline/Carbon Zinc/Ni-MH (rechargeable)		
			Common Uses: TV remotes, clocks, small LED lights, wireless keyboard/mouse, calculators		
17	5	PCS	<b>8GB DDR4 3200MHz RAM</b>		
			Module Type: 288 Pin Unbuffered DIMM Non ECC		
			Capacity: 8GB, Frequency: 3200, Data Transfer: 25,600 MB/s		
			Bandwidth: (PC4 25600), Latency: CL22-22-22-52		
			Voltage: 1.2V		
18	3	PCS	<b>USB Type-C to LAN Adapter</b>		
			Operating System: Windows 11/10/8.1/8/7/XP, Mac OS, iPad OS, Chrome OS, Linux		
			Data transfer rate: 1000 Megabits Per Second		
			Hardware interface: USB 3.1 Type C		
19	3	PCS	<b>Male USB C to Female USB A Adapter, 1 m</b>		
			• Male-to-female connector, • USB A-to-USB C connector		

Signature of Bidder \_\_\_\_\_  
Name of Firm \_\_\_\_\_  
Date \_\_\_\_\_



**CARLOS HILADO MEMORIAL STATE UNIVERSITY  
BIDS AND AWARDS COMMITTEE**

Talisay City, Negros Occidental  
Tel. Nos.: (034) 454-0529; 454-0584 Local 142  
Mobile No.: 0920-5833046

Project Reference No: **CHMSU 26-018-0610-G**  
Name of the Project: **PROCUREMENT OF CONSOLIDATED ICT SUPPLIES AND EQUIPMENT FOR THE FOUR (4) CAMPUSES**  
Location of the Project: **FOUR (4) CAMPUSES**

page 6 of 13

***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			• Length of 1 m, • Black sheath color, • USB A type 3.0		
			• USB C type 3.1		
20	5	PCS	<b>HDMI Male-to-Male Cable 10m</b>		
			Supports 4K, 1080P full HD, 3D, Ethernet Channel, 48-bit Deep Color and Audio Return Channel (ARC), audio video sync, HDCP compliant.		
			Widely compatible with Blu-ray player, computer, AV receiver, Roku, PS 3/4. Xbox One/360, Nintendo Wii, TV, HDTV, monitor, or projector.		
21	6	PCS	<b>HDMI Male-to-Male Cable 5m</b>		
			Supports 4K, 1080P full HD, 3D, Ethernet Channel, 48-bit Deep Color and Audio Return Channel (ARC), audio video sync, HDCP compliant.		
			Widely compatible with Blu-ray player, computer, AV receiver, Roku, PS 3/4. Xbox One/360, Nintendo Wii, TV, HDTV, monitor, or projector.		
22	10	PCS	<b>HDMI Male-to-Male Cable 15m</b>		
			Supports 4K, 1080P full HD, 3D, Ethernet Channel, 48-bit Deep Color and Audio Return Channel (ARC), audio video sync, HDCP compliant.		
			Widely compatible with Blu-ray player, computer, AV receiver, Roku, PS 3/4. Xbox One/360, Nintendo Wii, TV, HDTV, monitor, or projector.		
23	2	PCS	<b>Interphone Two-Way Radio Walkie Talkie (Black)</b>		
			5W 16Ch 400-470MHz		
			Channel Capacity: 16, Channel Spacing: 25KHz		
			Operated Voltage: 3.7 V, Battery: 2800MAh Li-ion		
			Frequency Stability: 2.5ppm		
			Antenna Impedance : 50		
			Communication Range: in open area 1~3km. in urban,300m~1km, Minimum of 1 year warranty		
24	1	PCS	<b>M.2 NVMe SSD</b>		
			Dual Bay Duplicator Material: Aluminum Alloy,		
			Size: 82.2mm(L)*62mm(W)*13.8mm(H),		
			Controller Solution: ASM2362+ASM2806A (10Gbps) ,		
			Transfer Rate: USB3.1 10Gbps,		
			Supported System: Mac OS, Windows, Linux, Android		
			Minimum of 1 year warranty		

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***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
25	4	BOXES	<b>RJ45 (8P8C)</b>		
			Number of Pins: 8		
			Cable Type: Twisted-pair copper (Cat5e / Cat6 / Cat6a),		
			10/100/1000 Mbps (up to 10 Gbps with Cat6a),		
			Transmission Medium: Ethernet (LAN)		
			Standard: IEEE 802.3, Termination: Crimp type		
			Shielding: UTP / STP (model dependent)		
26	2	PCS	<b>Crimping Tool Pass Through</b>		
			Supports RJ45 (Cat5, Cat5e, Cat6, Cat6a, Cat7)		
			and RJ11/RJ12 pass-through or standard modular plugs		
			Replaceable blade for the "crimp & trim" function;		
			also includes a cable jacket stripper and wire cutter		
			Ergonomic, non-slip grip.		
27	3	PCS	<b>64GB USB Flash Drive</b>		
			USB 3.2 Gen 1 (USB 3.0/USB 3.1 Gen 1 compatible)		
			Windows, macOS, Linux compatible, at least 5-year warranty		
28	4	PCS	<b>All-in-One PC Power adapter 19v 65w 3.42A</b>		
			Compatible with Acer Aspire C24-1851		
			Connector size: 5.5mm x 1.7mm		
			<b>Terms and Conditions</b>		
			• Warranty: Minimum of one (1) year warranty		
			• Delivery: Delivery shall be completed within		
			forty-five (45) calendar days upon receipt of		
			Purchase Order (PO) and/or Notice to Proceed (NTP)		
			• Green Initiative: Product must support energy-efficient or		
			environmentally friendly standards such as		
			Energy Star certification or equivalent, if applicable		
			• Condition: Item must be brand new, original,		
			and not refurbished		
			• Documentation: Supplier shall provide brochure, datasheet,		
			or manufacturer's specifications for verification of compliance		
			<b>Sub-ABC = Php 147,888.00</b>		
			<b>LOT 2 - ICT EQUIPMENT</b>		
29	5	PCS	<b>PC Monitor 24"</b>		
			Screen Size: 23.8 inches, Panel Type: IPS,		

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***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			Resolution: 1920 x 1080 (Full HD), Refresh Rate: 100Hz		
			Backlight: WLED, Display Colors: 16.7M (8-bit), Aspect Ratio: 16:9		
			Contrast Ratio: 1000:1, Brightness: 230 cd/m <sup>2</sup> , Color: Black		
30	4	PCS	<b>LCD Projector</b>		
			3LCD, 3-chip technology		
			Brightness: 3,200 lumens (normal), 2,240 lumens (eco)		
			Native Resolution: SVGA (800X600), 4:3 aspect ratio		
			Connectivity: HDMI, VGA, USB 2.0 Type A & B, Composite, S-Video, Optional Wireless LAN		
			Contrast Ratio: 15,000:1		
			Lamp Life: 5,000 hours (normal), 10,000 hours (eco)		
			Keystone Correction: Auto Vertical, Manual Horizontal		
			Screen Size: 30" - 350", Minimum of 1 year warranty		
31	14	PCS	<b>55" Smart TV 4K UHD</b>		
			Ultra HD 3840x2160, CSPF Rating - 8.9, Power Input - 92 W		
			Power Consumption - 160 W		
			Standby Power Consumption - ≤ 0.5 W		
			Rated Power - AC 100- 240 V 50/60 Hz		
			Vivid motion 60Hz,		
			Dynamic contrast ratio 3,000,000:1, Aspect Ratio 16:9.		
32	14	PCS	<b>43" 4K LED TV</b>		
			Slim & Unibody Design, Metallic Finish Frame, 4K QLED Google TV		
			350 nits brightness (typ.), WCG up to 93% DCI-P3		
			AIPQ Processor, HVA Screen (3x Contrast Enhancement)		
			MEMC 60Hz, 2.0CH 2*10W Speakers,		
			Game Bar / Game Mode / ALLM, Hands Free Voice ControlCPU:		
			Cortex A55*5 1.5Ghz, (normal) 1.9Ghz (DVFS),		
			GPU: G57 MC1, 800Mhz, Memory: 2GB + 16GB, Wi-Fi 5 (2.4G+5G)		
			Bluetooth 5.4		
			<b>Terms and Conditions</b>		
			• Warranty: Minimum of one (1) year warranty		
			• Delivery: Delivery shall be completed within		
			forty-five (45) calendar days upon receipt of Purchase Order (PO)		
			and/or Notice to Proceed (NTP)		
			• Green Initiative: Product must support energy-efficient or		
			environmentally friendly standards such as		
			Energy Star certification or equivalent, if applicable		

Signature of Bidder \_\_\_\_\_  
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Location of the Project: **FOUR (4) CAMPUSES**

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***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			• Condition: Item must be brand new, original, and not refurbished		
			• Documentation: Supplier shall provide brochure, datasheet, or manufacturer's specifications for verification of compliance		
			<b>Sub-ABC = Php 579,000.00</b>		
			<b>LOT 3 - NETWORK SUPPLIES AND EQUIPMENT</b>		
33	2	PAIRS	<b>Optical Module Gigabit Single Mode Single Core SFP 1.25G</b> Form Factor: SFP, Data Rate: 1.25 Gbps (Gigabit) Fiber Type: Single-Mode (SMF) Core: Single core (Bi-Directional / Simplex) Connector: LC, Wavelength: 1310 nm / 1550 nm (used as a pair) Transmission Distance: 10 km (also available: 5 km / 20 km / 40 km / 80 km) Port Type: LC simplex, Power Supply: 3.3 V Hot-Pluggable: Yes, Standards: IEEE 802.3, SFP MSA Operating Temperature: 0 °C to 70 °C Compatibility: Cisco / Huawei / HP compatible, (model-dependent)		
34	4	PAIRS	<b>SFP Dual Mode Module</b> These vary by module model but usually include: Interface & Port Details Dual-mode GE/SFP Ports - accept RJ-45 or pluggable SFP optics, Data Rate - typically 1 Gbps per port (can vary based on module and optics), Module Format Service modules like SM-X or EHWIC that fit specific Cisco routers., Compatibility Designed for Cisco ISR 4000 series and compatible platforms with the appropriate module slot. Environmental		
35	6	BOXES	<b>CAT 6 LAN cable</b> Category: Cat 6 (Category 6) Standard: Meets Cat 6 specifications for LAN cabling (TIA/EIA etc.), Bandwidth: Up to 250 MHz Data Speeds: Up to 1 Gbps at 100 m, and up to 10 Gbps at shorter runs (~≤55 m) Conductors: 4 pairs of 100% copper wires		

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***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			Connector: RJ-45 plug (standard Ethernet)		
			Jacket Material: Durable PVC		
			Compatibility: Works with routers, switches, modems, gaming consoles, PCs, smart TVs		
36	8	PCS	<b>5M FIBER PATCH CORD (LC-LC/MM/DX/3.0/50um/5M/OM3)</b>		
			Connector Type: LC to LC		
			Fiber Type: Multimode (MM), Fiber Standard: OM3		
			Core/Cladding Diameter: 50/125 μm		
			Cable Type: Duplex (DX), Cable Length: 5 meters		
			Cable Diameter: 3.0 mm, Jacket Material: LSZH (Low Smoke Zero Halogen), Connector Polish: UPC		
			Color: Aqua (typical for OM3), Insertion Loss: ≤ 0.25 Db		
			Return Loss: ≥ 30-50 dB, Operating Temperature: -40 °C to +85 °C		
			Bandwidth Support: Up to 10/40/100 Gb Ethernet depending on distance		
			Wavelength: 850 nm / 1300 nm		
37	8	PCS	<b>Wireless Router</b>		
			Device Interfaces, IEEE 802.11ac wireless LAN1		
			IEEE 802.11 a/b/g/n wireless LAN		
			10/100 fast Ethernet Internet port		
			Four 10/100 fast Ethernet LAN ports		
			Operating Frequency, 2.4 GHz band: 2400 - 2483.5 MHz		
			5 GHz band: 5150 - 5725 MHz		
			Security, WPA & WPA2 (Wi-Fi Protected Access)		
			WPS (Wi-Fi Protected Setup)		
			Advanced Features		
			Web setup wizard		
			DMZ (Demilitarized Zone)		
			Firewall - Network Address Translation (NAT)		
			Wireless Repeater		
			Dimensions		
			190 x 133 x 83 mm (7.48 x 5.24 x 3.27 inches)		
			Weight		
			228.6 grams (8.06 ounces)		
			Power		
			Input: 100 to 240 V AC, 50/60 Hz		
			Temperature		

Signature of Bidder \_\_\_\_\_  
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***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			Operating: 0 to 40 °C (32 to 104 °F)		
			Storage: -20 to 65 °C (-4 to 149 °F)		
38	4	PCS	<b>Media Converter - RJ45 Rate 10/100/1000base</b>		
			Certification CE, ISO, RoHS		
			Mac Address 1K, Frame Buffer Memory 512kb RAM		
			Port Type 1 RJ45 to Sc		
			SFP Rate 1000base		
			Power Supply External		
			UTP Cable Cat6(≤100m)		
39	2	PCS	<b>Cable Manager</b>		
			Product Type: Single-Sided Manager		
			Body Material: ABS		
			Orientation: Horizontal		
			Cover Material: PVC		
			Finger Material: ABS		
			Number of Rack Units: 2		
			Environment: Indoor		
			Color: Black		
			Standards Met: RoHS Compliant, UL 2416, CSA C22.2		
40	7	PCS	<b>PoE Injector</b>		
			Input Voltage (AC): 100- 240Vac (nominal)		
			Input Frequency Range: 47 Hz(min) ~ 63 Hz(max)		
			Output Voltage (DC): 48 V		
			Output Rating: 0.5A (24W)		
			Operating Temperature: -10°C ~ +40°C		
			Storage Temperature: -30°C ~ +80°C		
			Operating Humidity: 10%~95% non-condensing		
			Storage Humidity: 10%~95% non-condensing		
			Weight: 90 g, Certification: CE		
41	4	PCS	<b>Unmanaged PoE Switch 8-ports with 4 PoE+ ports</b>		
			(first 1-4 ports) and dedicated PoE power budget of 50 W		
			Bandwidth: 16 Gbps (non-blocking)		
			Performance: Full line rate and forwarding rate of 64B frame at 1.488 Mpps for 1000M port, 0.1488 Mpps for 100M port, 0.01488 Mpps for 10M port		
			Quality of Service: 802.1p and DSCP		
			Status LEDs: Link, speed, activity, and PoE indicators		
			Power Supply: External, 54 VDC, 1.2 A		

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***BILL OF QUANTITIES***

Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			Power Saving: Cable connected detection Sleep mode		
			Power Consumption in Idle/Use (100% Traffic):		
			3.83 W / 7.0 W		
42	4	PCS	<b>Network 24-port Layer 2+ Enterprise PoE switch,</b>		
			<b>24x1GE RJ45 Ports, 4x2.5 GE SFP Ports, PoE/PoE+</b>		
			Ports & Interfaces		
			24x10/100/1000 BASE-T RJ45 ports with PoE/PoE+ support (IEEE 802.3af/at) - PoE power supplied to endpoints such as APs, VoIP phones, and cameras.		
			4xSFP ports, supporting 1G/2.5G uplinks for higher-speed backbone connections.		
			Dedicated RJ45 console port and USB management port (typical hardware console/USB for configs).		
			Switching Performance		
			Switching capacity: ~82Gbps (line-rate throughput).		
			Forwarding rate: ~61Mpps (million packets per second).		
			MAC address table: 16,000 entries (supports large device tables).		
			IPv4/IPv6 unicast routes: Supports static routing entries for basic L3 forwarding (64 each).		
			PoE/Power		
			PoE/PoE+ output: Supports standard PoE (802.3af) and PoE+ (802.3at) on all 24 RJ45 ports.		
			Total PoE budget: Up to approx. 370W (typical total power deliverable to all PoE ports) - actual depends on deployment and power source.		
			Management & Features		
			Layer 2+ managed functions: VLAN (incl. 802.1Q), QoS, ACLs, STP/RSTP, LACP, IGMP/MLD Snooping.		
			Security & authentication: 802.1X, RADIUS, TACACS+, MAC filtering, DHCP Snooping.		
			Management interfaces: Web GUI, CLI, SNMP, and cloud-based management with Ruijie Cloud/WIS for remote monitoring and control.		
			Hardware & Physical		
			CPU: Single-core ~1.2 GHz processor.		
			Memory: 512 MB RAM, 64 MB flash.		
			Cooling: Dual fixed fans.		

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Date: \_\_\_\_\_

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			Rack-mountable: 1 RU metal chassis (19" rack compatible).		
			Dimensions: ~ 440 × 220 × 43.6 mm.		
			Weight: ~ 2.5–2.8 kg.		
			Operating temp: 0°C to 45°C.		
			Humidity: 10% to 90%.		
			<b>Terms and Conditions</b>		
			• Warranty: Minimum of one (1) year warranty		
			• Delivery: Delivery shall be completed within forty-five (45) calendar days upon receipt of Purchase Order (PO) and/or Notice to Proceed (NTP)		
			• Green Initiative: Product must support energy-efficient or environmentally friendly standards such as Energy Star certification or equivalent, if applicable		
			• Condition: Item must be brand new, original, and not refurbished		
			• Documentation: Supplier shall provide brochure, datasheet, or manufacturer's specifications for verification of compliance		
			<b>Sub-ABC = Php 416, 192.00</b>		
			x-x-x-x-x-x-x-x-x-x-nothing follows-x-x-x-x-x-x-x-x-x-x		
			<b>TOTAL ABC = Php 1,143,080.00</b>		
			PR # 26-461-0526 05-26-2026/R. BUYCO		
			INCOME 248-164-26-05 05-28-2026		
			<b>Note: All items should be delivered within Forty Five (45) calendar days upon receipt of notice to proceed.</b>		

Signature of Bidder \_\_\_\_\_  
 Name of Firm \_\_\_\_\_  
 Date \_\_\_\_\_

## Section VI. Schedules of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item #	Description	Quantity	Total	Delivered, Weeks/Months
	<b>LOT 1 - ICT SUPPLIES</b>			
1	<b>AVR 500VA PSL-500D W 3X220V, 1X110V Universal</b>	6	6	
	CAPACITY: 500VA/300W			
	Input Voltage: 220/230/240Vac			
	Input Voltage Range: 220/230/240Vac: 172-276Vac			
	Input Frequency Range: 50 or 60 Hz			
	Output Steps of Regulation: 2 (1-step Boost & 1-step Buck)			
	Output Receptacles: Universal Nema*4pcs			
	Output Protection: Overload / short circuit: manual reset			
	circuit switch, Over-temperature: thermal switch			
	Indicators Regulating LED: Green			
	Environment Humidity: 0-95% (Non-condensing)			
	Noise Level: Less than 40dB at 1M			
	Dimension(W*H*D): 80*77*220MM			
2	<b>Maintenance Box Chip Resetter</b>	2	2	
	<b>Compatible with Epson T04D1</b>			
	Compatible with Epson T04D1			
	Function: Resets waste ink counter chip			
	Operation: Plug-in / press-to-reset			
	Power: Battery or USB (varies by model)			
	Use: Printer maintenance / servicing			
3	<b>Printer Belt Encoder Strip</b>	8	8	
	<b>Compatible with Epson L3110</b>			
	Material: Clear plastic with printed scale			
	Function: Carriage position sensing			
	Location: Inside printer, behind carriage rail			
	Importance: Ensures print alignment and accuracy			
4	<b>Printer Cleaning Solution</b>	10	10	
	Use: Print head, ink nozzle, ink tube cleaning			
	Compatible: Dye & pigment ink printers			
	Application: Manual cleaning / flushing			
	Purpose: Removes dried or clogged ink			
5	<b>Printer Head Cable and Sensor</b>	5	5	
	<b>Compatible with Epson L120</b>			
	Parts included:			
	Print head flat cable (FFC), Sensor (carriage / encoder sensor)			
	Function: Signal transmission & position detection			
	Use: Printer repair / replacement part			
	Material: Flexible ribbon cable + electronic sensor			
6	<b>Printer Head Cable and Sensor</b>	5	5	
	<b>Compatible with Epson L3110</b>			
	Compatible models: Epson L3110			
	Parts included: Print head flat cable (FFC)			
	Sensor (carriage / encoder sensor)			
	Function: Signal transmission & position detection			
	Use: Printer repair / replacement part			
	Material: Flexible ribbon cable + electronic sensor			
7	<b>USB Keyboard and Mouse Black</b>	20	20	
	Keycaps: A-Shape, Round Edge			
	Hotkeys: 12 FN Multimedia Hotkeys			

	Character: Laser Engraving			
	Adjustable Keyboard Legs: Yes			
	Rating: 5 V / 30 Ma, Dimension: 454 × 153 × 32 mm			
	Weight: 585 g, Cable Length: 150 cm, Port: USB, Mouse: OP-720			
	Report Rate: 125 Hz, Sensor: Optical, Resolution: 1000 DPI			
	Rating: 5 V / 100 mA, Buttons No.: 3,			
	Ergonomic Design: Symmetric, Size: Middle / Big Hands			
	Dimension: 119 × 62 × 37 mm, Weight: 86 g			
	Cable Length: 150 cm, Port: USB			
	System Requirements: Windows XP/Vista/7/8/8.1/10/11			
	Features: FN Hot Keys, 5M Clicks Button Lifetime, 1000 DPI			
	Dust-resistant Wheel			
	Comfort Roundedge keycaps, Laser Inscribed keys			
	Adjustable keyboard height			
8	<b>750 watts 80 Plus Bronze Power Supply</b>	2	2	
	PART NO.: CP-9020237, AC INPUT: 100-240V			
	INPUT CURRENT: 10A-5A, FREQUENCY: 47~63Hz			
	TOTAL POWER: 750W			
9	<b>Extension Cord Set with Universal Outlet &amp; Switch</b>	3	3	
	Outlets: 4 Total - typically 3 convenience outlets + 1 universal outlet (accepts various plug types)			
	Rated Power: 2,500 W maximum total load			
	Rated Current: 10 A, Rated Voltage: 250 V			
	Cord Length: 1.83 meters (approx. 6 feet)			
	Switch: Master switch - controls all outlets			
9	<b>Extension Cord Set with Universal Outlet &amp; Switch</b>	3	3	
	Outlets: 4 Total - typically 3 convenience outlets + 1 universal outlet (accepts various plug types)			
	Rated Power: 2,500 W maximum total load			
	Rated Current: 10 A, Rated Voltage: 250 V			
	Cord Length: 1.83 meters (approx. 6 feet)			
	Switch: Master switch - controls all outlets			
	Materials: - Rigid brass internal strips,			
	- Copper outlet contacts for good grip and conductivity			
	Safety Features: - Real grounding system connection			
	Built-in safety circuit breaker, - Built-in lightning protector (surge protection), - Fire-retardant enclosure material			
10	<b>AVR 400-1000VA Single Phase 600W UPS with AVR Uninterruptible Power Supply</b>	5	5	
	General			
	Type: Line-Interactive UPS with AVR (Automatic Voltage Regulation), Capacity: ~1000 VA / 600 W, Phase: Single-Phase AC			
	Form Factor: Tower style (upright design typical of conventional UPS units), Weight & Size: About ~5.8 kg and ~95 × 320 × 160 mm, Weight & Size: About ~5.8 kg and ~95 × 320 × 160 mm, Input / Output			
	Input Voltage: Designed for 220 / 230 / 240 V AC (50 / 60 Hz) single-phase grid inputs			
	Output Voltage: Regulated 220 / 230 / 240 V AC via AVR and battery backup as needed			
	Automatic Voltage Regulation (AVR): Boost and buck to correct high or low input voltages before switching to battery, Sockets: Usually 4 × universal outlets to accommodate different plug types, Battery,			
	Battery Type: Internal sealed lead-acid (typical for this class)			
	Battery Configuration: 1 × 12 V/9 Ah (common spec on			

	equivalent AID1000 models)			
	Charging: Fast charging with auto-charge even in OFF mode, Cold Start: Can power on directly from battery in absence of utility power, Indicators & Controls,			
	Front panel LED indicators for AC output (green), battery status (yellow), and DC output (red)			
	Power On/Off button on front panel, Protection			
	Overload protection & short-circuit protection			
	Basic surge and undervoltage defense via AVR and in-built control, Runtime			
	Offers several minutes of runtime depending on connected load (e.g., around 7-8 minutes with ~180 W load) - actual backup time varies by usage and battery condition.			
11	<b>10 pcs screwdriver and precision screwdriver set</b>	2	2	
	Basic Screwdrivers (6 pieces)			
	Used for general household tasks like furniture assembly, appliances, etc., Slotted (Flathead) sizes - e.g., SL5×75mm, SL5×100mm, SL6×150mm, Phillips sizes - e.g., PH1×75mm, PH1×100mm, PH2×150mm, Precision Screwdrivers (4 small pieces)			
	Used for electronics, gadgets, eyeglasses, tiny screws.			
	Slotted - e.g., SL3 × 50 mm, Phillips - PH0 × 50 mm			
	Torx - T6 & T8 × 50 mm,			
	Total: 10 pieces - 6 regular + 4 precision drivers.			
12	<b>Crimping Tool</b>	2	2	
	Electrical terminals: ring, spade, butt connectors			
	Networking cables: RJ45 (Ethernet), RJ11 (phone), RJ12			
	Modular plugs: crimping data connectors onto CAT5/6/7 cables			
	Some tools can crimp, cut, and strip wires in one tool.			
	Handheld plier-style: manual hydraulic, ratchet, or regular			
	Ratchet action: ensures full compression before release			
	Adjustable dies or multiple crimping positions			
	Insulated handles for safe electrical work (in some models)			
13	<b>HDD/SSD DOCKING STATION</b>	2	2	
	Compatibility: 2.5" & 3.5" SATA HDD/SSD (SATA I/II/III).			
	Interface: USB 3.0 / USB 3.2 Gen 1 (up to 5 Gbps) - fast transfers.			
	Clone Function: Some docks can copy drives without a PC connected. Plug & Play: No drivers needed on most systems (Windows, Mac, Linux).			
	Hot-Swappable: You can add/remove drives without shutting down (varies by model).			
14	<b>VGA TO HDMI</b>	3	3	
	Direction: VGA input → HDMI output (unidirectional)			
	Video Support: Up to 1920×1080 (1080p) at 60 Hz on most converters			
	Audio: Often includes a 3.5 mm stereo audio input to embed audio into HDMI			
	Power: Many adapters are USB-powered if the VGA source can't supply enough power for conversion			
	Compatibility: Works with older desktops/laptops with VGA ports and HDTVs/Monitors with HDMI inputs			
15	<b>DOUBLE A BATTERY (AA)</b>	6	6	
	Type: AA (Double-A)			
	Voltage: 1.5V (Alkaline) / 1.2V (Rechargeable)			
	Size: Approx. 50.5 mm length × 14.5 mm diameter			
	Capacity: Approx. 1,800–3,000 mAh (alkaline)			

	Chemical Type: Alkaline/Carbon Zinc/Ni-MH (rechargeable)			
	Common Uses: Remote controls, toys, flashlights, radios, wireless mouse & keyboard			
16	<b>TRIPLE A BATTERY (AAA)</b> Voltage: 1.5V (Alkaline) / 1.2V (Rechargeable) Size: Approx. 44.5 mm length × 10.5 mm diameter Capacity: Approx. 800–1,200 mAh (alkaline) Chemical Type: Alkaline/Carbon Zinc/Ni-MH (rechargeable) Common Uses: TV remotes, clocks, small LED lights, wireless keyboard/mouse, calculators	6	6	
17	<b>8GB DDR4 3200MHz RAM</b> Module Type: 288 Pin Unbuffered DIMM Non ECC Capacity: 8GB, Frequency: 3200, Data Transfer: 25,600 MB/s Bandwidth: (PC4 25600), Latency: CL22-22-22-52 Voltage: 1.2V	5	5	
18	<b>USB Type-C to LAN Adapter</b> Operating System: Windows 11/10/8.1/8/7/XP, Mac OS, iPad OS, Chrome OS, Linux Data transfer rate: 1000 Megabits Per Second Hardware interface: USB 3.1 Type C	3	3	
19	<b>Male USB C to Female USB A Adapter, 1 m</b> • Male-to-female connector, • USB A-to-USB C connector • Length of 1 m, • Black sheath color, • USB A type 3.0 • USB C type 3.1	3	3	
20	<b>HDMI Male-to-Male Cable 10m</b> Supports 4K, 1080P full HD, 3D, Ethernet Channel, 48-bit Deep Color and Audio Return Channel (ARC), audio video sync, HDCP compliant. Widely compatible with Blu-ray player, computer, AV receiver, Roku, PS 3/4. Xbox One/360, Nintendo Wii, TV, HDTV, monitor, or projector.	5	5	
21	<b>HDMI Male-to-Male Cable 5m</b> Supports 4K, 1080P full HD, 3D, Ethernet Channel, 48-bit Deep Color and Audio Return Channel (ARC), audio video sync, HDCP compliant. Widely compatible with Blu-ray player, computer, AV receiver, Roku, PS 3/4. Xbox One/360, Nintendo Wii, TV, HDTV, monitor, or projector.	6	6	
22	<b>HDMI Male-to-Male Cable 15m</b> Supports 4K, 1080P full HD, 3D, Ethernet Channel, 48-bit Deep Color and Audio Return Channel (ARC), audio video sync, HDCP compliant. Widely compatible with Blu-ray player, computer, AV receiver, Roku, PS 3/4. Xbox One/360, Nintendo Wii, TV, HDTV, monitor, or projector.	10	10	
23	<b>Interphone Two-Way Radio Walkie Talkie (Black)</b> 5W 16Ch 400-470MHz Channel Capacity: 16, Channel Spacing: 25KHz Operated Voltage: 3.7 V, Battery: 2800MAh Li-ion Frequency Stability: 2.5ppm Antenna Impedance : 50 Communication Range: in open area 1~3km. in urban,300m~1km, Minimum of 1 year warranty	2	2	
24	<b>M.2 NVMe SSD</b> Dual Bay Duplicator Material: Aluminum Alloy, Size: 82.2mm(L)*62mm(W)*13.8mm(H),	1	1	

	Controller Solution: ASM2362+ASM2806A (10Gbps) ,			
	Transfer Rate: USB3.1 10Gbps,			
	Supported System: Mac OS, Windows, Linux, Android			
	Minimum of 1 year warranty			
25	<b>RJ45 (8P8C)</b>	4	4	
	Number of Pins: 8			
	Cable Type: Twisted-pair copper (Cat5e / Cat6 / Cat6a),			
	10/100/1000 Mbps (up to 10 Gbps with Cat6a),			
	Transmission Medium: Ethernet (LAN)			
	Standard: IEEE 802.3, Termination: Crimp type			
	Shielding: UTP / STP (model dependent)			
26	<b>Crimping Tool Pass Through</b>	2	2	
	Supports RJ45 (Cat5, Cat5e, Cat6, Cat6a, Cat7)			
	and RJ11/RJ12 pass-through or standard modular plugs			
	Replaceable blade for the "crimp & trim" function;			
	also includes a cable jacket stripper and wire cutter			
	Ergonomic, non-slip grip.			
27	<b>64GB USB Flash Drive</b>	3	3	
	USB 3.2 Gen 1 (USB 3.0/USB 3.1 Gen 1 compatible)			
	Windows, macOS, Linux compatible, at least 5-year warranty			
28	<b>All-in-One PC Power adapter 19v 65w 3.42A</b>	4	4	
	Compatible with Acer Aspire C24-1851			
	Connector size: 5.5mm x 1.7mm			
	<b>Terms and Conditions</b>			
	• Warranty: Minimum of one (1) year warranty			
	• Delivery: Delivery shall be completed within			
	forty-five (45) calendar days upon receipt of			
	Purchase Order (PO) and/or Notice to Proceed (NTP)			
	• Green Initiative: Product must support energy-efficient or			
	environmentally friendly standards such as			
	Energy Star certification or equivalent, if applicable			
	• Condition: Item must be brand new, original,			
	and not refurbished			
	• Documentation: Supplier shall provide brochure, datasheet,			
	or manufacturer's specifications for verification of compliance			
	<b>Sub-ABC = Php 147,888.00</b>			
	<b>LOT 2 - ICT EQUIPMENT</b>			
29	<b>PC Monitor 24"</b>	5	5	
	Screen Size: 23.8 inches, Panel Type: IPS,			
	Resolution: 1920 x 1080 (Full HD), Refresh Rate: 100Hz			
	Backlight: WLED, Display Colors: 16.7M (8-bit), Aspect Ratio: 16:9			
	Contrast Ratio: 1000:1, Brightness: 230 cd/m <sup>2</sup> , Color: Black			
30	<b>LCD Projector</b>	4	4	
	3LCD, 3-chip technology			
	Brightness: 3,200 lumens (normal), 2,240 lumens (eco)			
	Native Resolution: SVGA (800X600), 4:3 aspect ratio			
	Connectivity: HDMI, VGA, USB 2.0 Type A & B, Composite,			
	S-Video, Optional Wireless LAN			
	Contrast Ratio: 15,000:1			
	Lamp Life: 5,000 hours (normal), 10,000 hours (eco)			
	Keystone Correction: Auto Vertical, Manual Horizontal			
	Screen Size: 30" - 350", Minimum of 1 year warranty			
31	<b>55" Smart TV 4K UHD</b>	14	14	
	Ultra HD 3840x2160, CSPF Rating - 8.9, Power Input - 92 W			
	Power Consumption - 160 W			

	Standby Power Consumption - ≤ 0.5 W			
	Rated Power - AC 100- 240 V 50/60 Hz			
	Vivid motion 60Hz,			
	Dynamic contrast ratio 3,000,000:1, Aspect Ratio 16:9.			
32	<b>43" 4K LED TV</b>	14	14	
	Slim & Unibody Design, Metallic Finish Frame, 4K QLED Google TV			
	350 nits brightness (typ.), WCG up to 93% DCI-P3			
	AIPQ Processor, HVA Screen (3x Contrast Enhancement)			
	MEMC 60Hz, 2.0CH 2*10W Speakers,			
	Game Bar / Game Mode / ALLM, Hands Free Voice ControlCPU:			
	Cortex A55*5 1.5Ghz, (normal) 1.9Ghz (DVFS),			
	GPU: G57 MC1, 800Mhz, Memory: 2GB + 16GB, Wi-Fi 5 (2.4G+5G)			
	Bluetooth 5.4			
	<b>Terms and Conditions</b>			
	• Warranty: Minimum of one (1) year warranty			
	• Delivery: Delivery shall be completed within			
	forty-five (45) calendar days upon receipt of Purchase Order (PO)			
	and/or Notice to Proceed (NTP)			
	• Green Initiative: Product must support energy-efficient or			
	environmentally friendly standards such as			
	Energy Star certification or equivalent, if applicable			
	• Condition: Item must be brand new, original,			
	and not refurbished			
	• Documentation: Supplier shall provide brochure, datasheet,			
	or manufacturer's specifications for verification of compliance			
	<b>Sub-ABC = Php 579,000.00</b>			
	<b>LOT 3 - NETWORK SUPPLIES AND EQUIPMENT</b>			
33	<b>Optical Module Gigabit Single Mode</b>	2	2	
	<b>Single Core SFP 1.25G</b>			
	Form Factor: SFP, Data Rate: 1.25 Gbps (Gigabit)			
	Fiber Type: Single-Mode (SMF)			
	Core: Single core (Bi-Directional / Simplex)			
	Connector: LC, Wavelength: 1310 nm / 1550 nm (used as a pair)			
	Transmission Distance: 10 km			
	(also available: 5 km / 20 km / 40 km / 80 km)			
	Port Type: LC simplex, Power Supply: 3.3 V			
	Hot-Pluggable: Yes, Standards: IEEE 802.3, SFP MSA			
	Operating Temperature: 0 °C to 70 °C			
	Compatibility: Cisco / Huawei / HP compatible, (model-dependent)			
34	<b>SFP Dual Mode Module</b>	4	4	
	These vary by module model but usually include:			
	Interface & Port Details			
	Dual-mode GE/SFP Ports - accept RJ-45 or pluggable SFP			
	optics, Data Rate - typically 1 Gbps per port (can vary based on			
	module and optics), Module Format			
	Service modules like SM-X or EHWIC that fit specific			
	Cisco routers., Compatibility			
	Designed for Cisco ISR 4000 series and compatible			
	platforms with the appropriate module slot.			
	Environmental			
35	<b>CAT 6 LAN cable</b>	6	6	
	Category: Cat 6 (Category 6)			
	Standard: Meets Cat 6 specifications for LAN cabling			
	(TIA/EIA etc.), Bandwidth: Up to 250 MHz			
	Data Speeds: Up to 1 Gbps at 100 m, and up to			

	10 Gbps at shorter runs (~≤55 m)			
	Conductors: 4 pairs of 100% copper wires			
	Connector: RJ-45 plug (standard Ethernet)			
	Jacket Material: Durable PVC			
	Compatibility: Works with routers, switches, modems, gaming consoles, PCs, smart TVs			
36	<b>5M FIBER PATCH CORD</b> <b>(LC-LC/MM/DX/3.0/50um/5M/OM3)</b>	8	8	
	Connector Type: LC to LC			
	Fiber Type: Multimode (MM), Fiber Standard: OM3			
	Core/Cladding Diameter: 50/125 μm			
	Cable Type: Duplex (DX), Cable Length: 5 meters			
	Cable Diameter: 3.0 mm, Jacket Material: LSZH (Low Smoke Zero Halogen), Connector Polish: UPC			
	Color: Aqua (typical for OM3), Insertion Loss: ≤ 0.25 Db			
	Return Loss: ≥ 30–50 dB, Operating Temperature: -40 °C to +85 °C			
	Bandwidth Support: Up to 10/40/100 Gb Ethernet depending on distance			
	Wavelength: 850 nm / 1300 nm			
37	<b>Wireless Router</b>	8	8	
	Device Interfaces, IEEE 802.11ac wireless LAN1			
	IEEE 802.11 a/b/g/n wireless LAN			
	10/100 fast Ethernet Internet port			
	Four 10/100 fast Ethernet LAN ports			
	Operating Frequency, 2.4 GHz band: 2400 - 2483.5 MHz			
	5 GHz band: 5150 - 5725 MHz			
	Security, WPA & WPA2 (Wi-Fi Protected Access)			
	WPS (Wi-Fi Protected Setup)			
	Advanced Features			
	Web setup wizard			
	DMZ (Demilitarized Zone)			
	Firewall - Network Address Translation (NAT)			
	Wireless Repeater			
	Dimensions			
	190 x 133 x 83 mm (7.48 x 5.24 x 3.27 inches)			
	Weight			
	228.6 grams (8.06 ounces)			
	Power			
	Input: 100 to 240 V AC, 50/60 Hz			
	Temperature			
	Operating: 0 to 40 °C (32 to 104 °F)			
	Storage: -20 to 65 °C (-4 to 149 °F)			
38	<b>Media Converter - RJ45 Rate 10/100/1000base</b>	4	4	
	Certification CE, ISO, RoHS			
	Mac Address 1K, Frame Buffer Memory 512kb RAM			
	Port Type 1 RJ45 to Sc			
	SFP Rate 1000base			
	Power Supply External			
	UTP Cable Cat6(≤100m)			
39	<b>Cable Manager</b>	2	2	
	Product Type: Single-Sided Manager			
	Body Material: ABS			
	Orientation: Horizontal			
	Cover Material: PVC			
	Finger Material: ABS			
	Number of Rack Units: 2			
	Environment: Indoor			
	Color: Black			

	Standards Met: RoHS Compliant, UL 2416, CSA C22.2			
40	<b>PoE Injector</b>	7	7	
	Input Voltage (AC): 100- 240Vac (nominal)			
	Input Frequency Range: 47 Hz(min) ~ 63 Hz(max)			
	Output Voltage (DC): 48 V			
	Output Rating: 0.5A (24W)			
	Operating Temperature: -10°C ~ +40°C			
	Storage Temperature: -30°C ~ +80°C			
	Operating Humidity: 10%~95% non-condensing			
	Storage Humidity: 10%~95% non-condensing			
	Weight: 90 g, Certification: CE			
41	<b>Unmanaged PoE Switch 8-ports with 4 PoE+ ports</b>	4	4	
	(first 1-4 ports) and dedicated PoE power budget of 50 W			
	Bandwidth: 16 Gbps (non-blocking)			
	Performance: Full line rate and forwarding rate of 64B frame at 1.488 Mpps for 1000M port, 0.1488 Mpps for 100M port, 0.01488 Mpps for 10M port			
	Quality of Service: 802.1p and DSCP			
	Status LEDs: Link, speed, activity, and PoE indicators			
	Power Supply: External, 54 VDC, 1.2 A			
	Power Saving: Cable connected detection Sleep mode			
	Power Consumption in Idle/Use (100% Traffic): 3.83 W / 7.0 W			
42	<b>Network 24-port Layer 2+ Enterprise PoE switch, 24x1GE RJ45 Ports, 4x2.5 GE SFP Ports, PoE/PoE+</b>	4	4	
	Ports & Interfaces			
	24x10/100/1000 BASE-T RJ45 ports with PoE/PoE+ support (IEEE 802.3af/at) - PoE power supplied to endpoints such as APs, VoIP phones, and cameras.			
	4xSFP ports, supporting 1G/2.5G uplinks for higher-speed backbone connections.			
	Dedicated RJ45 console port and USB management port (typical hardware console/USB for configs).			
	Switching Performance			
	Switching capacity: ~82Gbps (line-rate throughput).			
	Forwarding rate: ~61Mpps (million packets per second).			
	MAC address table: 16,000 entries (supports large device tables).			
	IPv4/IPv6 unicast routes: Supports static routing entries for basic L3 forwarding (64 each).			
	PoE/Power			
	PoE/PoE+ output: Supports standard PoE (802.3af) and PoE+ (802.3at) on all 24 RJ45 ports.			
	Total PoE budget: Up to approx. 370W (typical total power deliverable to all PoE ports) - actual depends on deployment and power source.			
	Management & Features			
	Layer 2+ managed functions: VLAN (incl. 802.1Q), QoS, ACLs, STP/RSTP, LACP, IGMP/MLD Snooping.			
	Security & authentication: 802.1X, RADIUS, TACACS+, MAC filtering, DHCP Snooping.			
	Management interfaces: Web GUI, CLI, SNMP, and cloud-based management with Ruijie Cloud/WIS for remote monitoring and control.			
	Hardware & Physical			
	CPU: Single-core ~1.2 GHz processor.			
	Memory: 512 MB RAM, 64 MB flash.			
	Cooling: Dual fixed fans.			



# Section VII. Technical Specifications

Item	Specification	Statement of Compliance
		<p>Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a.2) and/or GCC Clause 2.1(a.2).</p>
	<b>LOT 1 - ICT SUPPLIES</b>	
1	<b>AVR 500VA PSL-500D W 3X220V, 1X110V Universal</b>	
	CAPACITY: 500VA/300W	
	Input Voltage: 220/230/240Vac	
	Input Voltage Range: 220/230/240Vac: 172-276Vac	
	Input Frequency Range: 50 or 60 Hz	
	Output Steps of Regulation: 2 (1-step Boost & 1-step Buck)	
	Output Receptacles: Universal Nema*4pcs	
	Output Protection: Overload / short circuit: manual reset circuit switch, Over-temperature: thermal switch	
	Indicators Regulating LED: Green	
	Environment Humidity: 0-95% (Non-condensing)	
	Noise Level: Less than 40dB at 1M	
	Dimension(W*H*D): 80*77*220MM	
2	<b>Maintenance Box Chip Resetter</b>	
	<b>Compatible with Epson T04D1</b>	
	Compatible with Epson T04D1	
	Function: Resets waste ink counter chip	
	Operation: Plug-in / press-to-reset	
	Power: Battery or USB (varies by model)	
	Use: Printer maintenance / servicing	
3	<b>Printer Belt Encoder Strip</b>	
	<b>Compatible with Epson L3110</b>	
	Material: Clear plastic with printed scale	
	Function: Carriage position sensing	
	Location: Inside printer, behind carriage rail	
	Importance: Ensures print alignment and accuracy	
4	<b>Printer Cleaning Solution</b>	
	Use: Print head, ink nozzle, ink tube cleaning	

	Compatible: Dye & pigment ink printers	
	Application: Manual cleaning / flushing	
	Purpose: Removes dried or clogged ink	
5	<b>Printer Head Cable and Sensor</b>	
	<b>Compatible with Epson L120</b>	
	Parts included:	
	Print head flat cable (FFC), Sensor (carriage / encoder sensor)	
	Function: Signal transmission & position detection	
	Use: Printer repair / replacement part	
	Material: Flexible ribbon cable + electronic sensor	
6	<b>Printer Head Cable and Sensor</b>	
	<b>Compatible with Epson L3110</b>	
	Compatible models: Epson L3110	
	Parts included: Print head flat cable (FFC)	
	Sensor (carriage / encoder sensor)	
	Function: Signal transmission & position detection	
	Use: Printer repair / replacement part	
	Material: Flexible ribbon cable + electronic sensor	
7	<b>USB Keyboard and Mouse Black</b>	
	Keycaps: A-Shape, Round Edge	
	Hotkeys: 12 FN Multimedia Hotkeys	
	Character: Laser Engraving	
	Adjustable Keyboard Legs: Yes	
	Rating: 5 V / 30 Ma, Dimension: 454 × 153 × 32 mm	
	Weight: 585 g, Cable Length: 150 cm, Port: USB, Mouse: OP-720	
	Report Rate: 125 Hz, Sensor: Optical, Resolution: 1000 DPI	
	Rating: 5 V / 100 mA, Buttons No.: 3,	
	Ergonomic Design: Symmetric, Size: Middle / Big Hands	
	Dimension: 119 × 62 × 37 mm, Weight: 86 g	
	Cable Length: 150 cm, Port: USB	
	System Requirements: Windows XP/Vista/7/8/8.1/10/11	
	Features: FN Hot Keys, 5M Clicks Button Lifetime, 1000 DPI	
	Dust-resistant Wheel	
	Comfort Rounded keycaps, Laser Inscribed keys	
	Adjustable keyboard height	
8	<b>750 watts 80 Plus Bronze Power Supply</b>	
	PART NO.: CP-9020237, AC INPUT: 100-240V	
	INPUT CURRENT: 10A-5A, FREQUENCY: 47~63Hz	
	TOTAL POWER: 750W	
9	<b>Extension Cord Set with Universal</b>	
	<b>Outlet &amp; Switch</b>	
	Outlets: 4 Total - typically 3 convenience outlets + 1	
	universal outlet (accepts various plug types)	
	Rated Power: 2,500 W maximum total load	
	Rated Current: 10 A, Rated Voltage: 250 V	
	Cord Length: 1.83 meters (approx. 6 feet)	
	Switch: Master switch - controls all outlets	
9	<b>Extension Cord Set with Universal</b>	
	<b>Outlet &amp; Switch</b>	
	Outlets: 4 Total - typically 3 convenience outlets + 1	
	universal outlet (accepts various plug types)	
	Rated Power: 2,500 W maximum total load	
	Rated Current: 10 A, Rated Voltage: 250 V	
	Cord Length: 1.83 meters (approx. 6 feet)	
	Switch: Master switch - controls all outlets	
	Materials: - Rigid brass internal strips,	
	- Copper outlet contacts for good grip and conductivity	
	Safety Features: - Real grounding system connection	
	Built-in safety circuit breaker, - Built-in lightning protector	
	(surge protection), - Fire-retardant enclosure material	
10	<b>AVR 400-1000VA Single Phase 600W UPS</b>	
	<b>with AVR Uninterruptible Power Supply</b>	

	General	
	Type: Line-Interactive UPS with AVR (Automatic Voltage Regulation), Capacity: ~1000 VA / 600 W, Phase: Single-Phase AC	
	Form Factor: Tower style (upright design typical of conventional UPS units), Weight & Size: About ~5.8 kg and ~95 × 320 × 160 mm, Weight & Size: About ~5.8 kg and ~95 × 320 × 160 mm, Input / Output	
	Input Voltage: Designed for 220 / 230 / 240 V AC (50 / 60 Hz) single-phase grid inputs	
	Output Voltage: Regulated 220 / 230 / 240 V AC via AVR and battery backup as needed	
	Automatic Voltage Regulation (AVR): Boost and buck to correct high or low input voltages before switching to battery, Sockets: Usually 4 × universal outlets to accommodate different plug types, Battery,	
	Battery Type: Internal sealed lead-acid (typical for this class)	
	Battery Configuration: 1 × 12 V/9 Ah (common spec on equivalent AID1000 models)	
	Charging: Fast charging with auto-charge even in OFF mode, Cold Start: Can power on directly from battery in absence of utility power, Indicators & Controls,	
	Front panel LED indicators for AC output (green), battery status (yellow), and DC output (red)	
	Power On/Off button on front panel, Protection	
	Overload protection & short-circuit protection	
	Basic surge and undervoltage defense via AVR and in-built control, Runtime	
	Offers several minutes of runtime depending on connected load (e.g., around 7-8 minutes with ~180 W load) - actual backup time varies by usage and battery condition.	
11	<b>10 pcs screwdriver and precision screwdriver set</b>	
	Basic Screwdrivers (6 pieces)	
	Used for general household tasks like furniture assembly, appliances, etc., Slotted (Flathead) sizes - e.g., SL5×75mm, SL5×100mm, SL6×150mm, Phillips sizes - e.g., PH1×75mm, PH1×100mm, PH2×150mm, Precision Screwdrivers (4 small pieces)	
	Used for electronics, gadgets, eyeglasses, tiny screws.	
	Slotted - e.g., SL3 × 50 mm, Phillips - PH0 × 50 mm	
	Torx - T6 & T8 × 50 mm,	
	Total: 10 pieces - 6 regular + 4 precision drivers.	
12	<b>Crimping Tool</b>	
	Electrical terminals: ring, spade, butt connectors	
	Networking cables: RJ45 (Ethernet), RJ11 (phone), RJ12	
	Modular plugs: crimping data connectors onto CAT5/6/7 cables	
	Some tools can crimp, cut, and strip wires in one tool.	
	Handheld plier-style: manual hydraulic, ratchet, or regular	
	Ratchet action: ensures full compression before release	
	Adjustable dies or multiple crimping positions	
	Insulated handles for safe electrical work (in some models)	
13	<b>HDD/SSD DOCKING STATION</b>	
	Compatibility: 2.5" & 3.5" SATA HDD/SSD (SATA I/II/III).	
	Interface: USB 3.0 / USB 3.2 Gen 1 (up to 5 Gbps) - fast transfers.	
	Clone Function: Some docks can copy drives without a PC connected. Plug & Play: No drivers needed on most systems (Windows, Mac, Linux).	
	Hot-Swappable: You can add/remove drives without shutting down (varies by model).	
14	<b>VGA TO HDMI</b>	
	Direction: VGA input → HDMI output (unidirectional)	

	Video Support: Up to 1920×1080 (1080p) at 60Hz on most converters	
	Audio: Often includes a 3.5mm stereo audio input to embed audio into HDMI	
	Power: Many adapters are USB-powered if the VGA source can't supply enough power for conversion	
	Compatibility: Works with older desktops/laptops with VGA ports and HDTVs/Monitors with HDMI inputs	
15	<b>DOUBLE A BATTERY (AA)</b>	
	Type: AA (Double-A)	
	Voltage: 1.5V (Alkaline) / 1.2V (Rechargeable)	
	Size: Approx. 50.5 mm length × 14.5 mm diameter	
	Capacity: Approx. 1,800–3,000 mAh (alkaline)	
	Chemical Type: Alkaline/Carbon Zinc/Ni-MH (rechargeable)	
	Common Uses: Remote controls, toys, flashlights, radios, wireless mouse & keyboard	
16	<b>TRIPLE A BATTERY (AAA)</b>	
	Voltage: 1.5V (Alkaline) / 1.2V (Rechargeable)	
	Size: Approx. 44.5 mm length × 10.5 mm diameter	
	Capacity: Approx. 800–1,200 mAh (alkaline)	
	Chemical Type: Alkaline/Carbon Zinc/Ni-MH (rechargeable)	
	Common Uses: TV remotes, clocks, small LED lights, wireless keyboard/mouse, calculators	
17	<b>8GB DDR4 3200MHz RAM</b>	
	Module Type: 288 Pin Unbuffered DIMM Non ECC	
	Capacity: 8GB, Frequency: 3200, Data Transfer: 25,600 MB/s	
	Bandwidth: (PC4 25600), Latency: CL22-22-22-52	
	Voltage: 1.2V	
18	<b>USB Type-C to LAN Adapter</b>	
	Operating System: Windows 11/10/8.1/8/7/XP, Mac OS, iPad OS, Chrome OS, Linux	
	Data transfer rate: 1000 Megabits Per Second	
	Hardware interface: USB 3.1 Type C	
19	<b>Male USB C to Female USB A Adapter, 1 m</b>	
	• Male-to-female connector, • USB A-to-USB C connector	
	• Length of 1 m, • Black sheath color, • USB A type 3.0	
	• USB C type 3.1	
20	<b>HDMI Male-to-Male Cable 10m</b>	
	Supports 4K, 1080P full HD, 3D, Ethernet Channel, 48-bit Deep Color and Audio Return Channel (ARC), audio video sync, HDCP compliant.	
	Widely compatible with Blu-ray player, computer, AV receiver, Roku, PS 3/4. Xbox One/360, Nintendo Wii, TV, HDTV, monitor, or projector.	
21	<b>HDMI Male-to-Male Cable 5m</b>	
	Supports 4K, 1080P full HD, 3D, Ethernet Channel, 48-bit Deep Color and Audio Return Channel (ARC), audio video sync, HDCP compliant.	
	Widely compatible with Blu-ray player, computer, AV receiver, Roku, PS 3/4. Xbox One/360, Nintendo Wii, TV, HDTV, monitor, or projector.	
22	<b>HDMI Male-to-Male Cable 15m</b>	
	Supports 4K, 1080P full HD, 3D, Ethernet Channel, 48-bit Deep Color and Audio Return Channel (ARC), audio video sync, HDCP compliant.	
	Widely compatible with Blu-ray player, computer, AV receiver, Roku, PS 3/4. Xbox One/360, Nintendo Wii, TV, HDTV, monitor, or projector.	
23	<b>Interphone Two-Way Radio Walkie Talkie (Black)</b>	
	5W 16Ch 400-470MHz	

	Channel Capacity: 16, Channel Spacing: 25KHz	
	Operated Voltage: 3.7 V, Battery: 2800MAh Li-ion	
	Frequency Stability: 2.5ppm	
	Antenna Impedance : 50	
	Communication Range: in open area 1~3km. in urban,300m~1km, Minimum of 1 year warranty	
24	<b>M.2 NVMe SSD</b>	
	Dual Bay Duplicator Material: Aluminum Alloy, Size: 82.2mm(L)*62mm(W)*13.8mm(H), Controller Solution: ASM2362+ASM2806A (10Gbps) , Transfer Rate: USB3.1 10Gbps, Supported System: Mac OS, Windows, Linux, Android Minimum of 1 year warranty	
25	<b>RJ45 (8P8C)</b>	
	Number of Pins: 8 Cable Type: Twisted-pair copper (Cat5e / Cat6 / Cat6a), 10/100/1000 Mbps (up to 10 Gbps with Cat6a), Transmission Medium: Ethernet (LAN) Standard: IEEE 802.3, Termination: Crimp type Shielding: UTP / STP (model dependent)	
26	<b>Crimping Tool Pass Through</b>	
	Supports RJ45 (Cat5, Cat5e, Cat6, Cat6a, Cat7) and RJ11/RJ12 pass-through or standard modular plugs Replaceable blade for the "crimp & trim" function; also includes a cable jacket stripper and wire cutter Ergonomic, non-slip grip.	
27	<b>64GB USB Flash Drive</b>	
	USB 3.2 Gen 1 (USB 3.0/USB 3.1 Gen 1 compatible) Windows, macOS, Linux compatible, at least 5-year warranty	
28	<b>All-in-One PC Power adapter 19v 65w 3.42A</b>	
	Compatible with Acer Aspire C24-1851 Connector size: 5.5mm x 1.7mm	
	<b>Terms and Conditions</b>	
	• Warranty: Minimum of one (1) year warranty	
	• Delivery: Delivery shall be completed within forty-five (45) calendar days upon receipt of Purchase Order (PO) and/or Notice to Proceed (NTP)	
	• Green Initiative: Product must support energy-efficient or environmentally friendly standards such as Energy Star certification or equivalent, if applicable	
	• Condition: Item must be brand new, original, and not refurbished	
	• Documentation: Supplier shall provide brochure, datasheet, or manufacturer's specifications for verification of compliance	
	<b>Sub-ABC = Php 147,888.00</b>	
	<b>LOT 2 - ICT EQUIPMENT</b>	
29	<b>PC Monitor 24"</b>	
	Screen Size: 23.8 inches, Panel Type: IPS, Resolution: 1920 x 1080 (Full HD), Refresh Rate: 100Hz Backlight: WLED, Display Colors: 16.7M (8-bit), Aspect Ratio: 16:9 Contrast Ratio: 1000:1, Brightness: 230 cd/m <sup>2</sup> , Color: Black	
30	<b>LCD Projector</b>	
	3LCD, 3-chip technology Brightness: 3,200 lumens (normal), 2,240 lumens (eco) Native Resolution: SVGA (800X600), 4:3 aspect ratio Connectivity: HDMI, VGA, USB 2.0 Type A & B, Composite, S-Video, Optional Wireless LAN Contrast Ratio: 15,000:1 Lamp Life: 5,000 hours (normal), 10,000 hours (eco)	

	Keystone Correction: Auto Vertical, Manual Horizontal	
	Screen Size: 30" - 350", Minimum of 1 year warranty	
31	<b>55" Smart TV 4K UHD</b>	
	Ultra HD 3840x2160, CSPF Rating - 8.9, Power Input - 92 W	
	Power Consumption - 160 W	
	Standby Power Consumption - ≤ 0.5 W	
	Rated Power - AC 100- 240 V 50/60 Hz	
	Vivid motion 60Hz,	
	Dynamic contrast ratio 3,000,000:1, Aspect Ratio 16:9.	
32	<b>43" 4K LED TV</b>	
	Slim & Unibody Design, Metallic Finish Frame, 4K QLED Google TV	
	350 nits brightness (typ.), WCG up to 93% DCI-P3	
	AIPQ Processor, HVA Screen (3x Contrast Enhancement)	
	MEMC 60Hz, 2.0CH 2*10W Speakers,	
	Game Bar / Game Mode / ALLM, Hands Free Voice Control	
	CPU: Cortex A55*5 1.5Ghz, (normal) 1.9Ghz (DVFS),	
	GPU: G57 MC1, 800Mhz, Memory: 2GB + 16GB, Wi-Fi 5 (2.4G+5G)	
	Bluetooth 5.4	
	<b>Terms and Conditions</b>	
	• Warranty: Minimum of one (1) year warranty	
	• Delivery: Delivery shall be completed within	
	forty-five (45) calendar days upon receipt of Purchase Order (PO)	
	and/or Notice to Proceed (NTP)	
	• Green Initiative: Product must support energy-efficient or	
	environmentally friendly standards such as	
	Energy Star certification or equivalent, if applicable	
	• Condition: Item must be brand new, original,	
	and not refurbished	
	• Documentation: Supplier shall provide brochure, datasheet,	
	or manufacturer's specifications for verification of compliance	
	<b>Sub-ABC = Php 579,000.00</b>	
	<b>LOT 3 - NETWORK SUPPLIES AND EQUIPMENT</b>	
33	<b>Optical Module Gigabit Single Mode</b>	
	<b>Single Core SFP 1.25G</b>	
	Form Factor: SFP, Data Rate: 1.25 Gbps (Gigabit)	
	Fiber Type: Single-Mode (SMF)	
	Core: Single core (Bi-Directional / Simplex)	
	Connector: LC, Wavelength: 1310 nm / 1550 nm (used as a pair)	
	Transmission Distance: 10 km	
	(also available: 5 km / 20 km / 40 km / 80 km)	
	Port Type: LC simplex, Power Supply: 3.3 V	
	Hot-Pluggable: Yes, Standards: IEEE 802.3, SFP MSA	
	Operating Temperature: 0 °C to 70 °C	
	Compatibility: Cisco / Huawei / HP compatible, (model-dependent)	
34	<b>SFP Dual Mode Module</b>	
	These vary by module model but usually include:	
	Interface & Port Details	
	Dual-mode GE/SFP Ports - accept RJ-45 or pluggable SFP	
	optics, Data Rate - typically 1 Gbps per port (can vary based on	
	module and optics), Module Format	
	Service modules like SM-X or EHWIC that fit specific	
	Cisco routers., Compatibility	
	Designed for Cisco ISR 4000 series and compatible	
	platforms with the appropriate module slot.	
	Environmental	
35	<b>CAT 6 LAN cable</b>	
	Category: Cat 6 (Category 6)	
	Standard: Meets Cat 6 specifications for LAN cabling	
	(TIA/EIA etc.), Bandwidth: Up to 250 MHz	

	Data Speeds: Up to 1 Gbps at 100 m, and up to 10 Gbps at shorter runs ( $\sim \leq 55$ m)	
	Conductors: 4 pairs of 100% copper wires	
	Connector: RJ-45 plug (standard Ethernet)	
	Jacket Material: Durable PVC	
	Compatibility: Works with routers, switches, modems, gaming consoles, PCs, smart TVs	
36	<b>5M FIBER PATCH CORD (LC-LC/MM/DX/3.0/50um/5M/OM3)</b>	
	Connector Type: LC to LC	
	Fiber Type: Multimode (MM), Fiber Standard: OM3	
	Core/Cladding Diameter: 50/125 $\mu\text{m}$	
	Cable Type: Duplex (DX), Cable Length: 5 meters	
	Cable Diameter: 3.0 mm, Jacket Material: LSZH (Low Smoke Zero Halogen), Connector Polish: UPC	
	Color: Aqua (typical for OM3), Insertion Loss: $\leq 0.25$ Db	
	Return Loss: $\geq 30$ –50 dB, Operating Temperature: -40 $^{\circ}\text{C}$ to +85 $^{\circ}\text{C}$	
	Bandwidth Support: Up to 10/40/100 Gb Ethernet depending on distance	
	Wavelength: 850 nm / 1300 nm	
37	<b>Wireless Router</b>	
	Device Interfaces, IEEE 802.11ac wireless LAN1	
	IEEE 802.11 a/b/g/n wireless LAN	
	10/100 fast Ethernet Internet port	
	Four 10/100 fast Ethernet LAN ports	
	Operating Frequency, 2.4 GHz band: 2400 - 2483.5 MHz	
	5 GHz band: 5150 - 5725 MHz	
	Security, WPA & WPA2 (Wi-Fi Protected Access)	
	WPS (Wi-Fi Protected Setup)	
	Advanced Features	
	Web setup wizard	
	DMZ (Demilitarized Zone)	
	Firewall - Network Address Translation (NAT)	
	Wireless Repeater	
	Dimensions	
	190 x 133 x 83 mm (7.48 x 5.24 x 3.27 inches)	
	Weight	
	228.6 grams (8.06 ounces)	
	Power	
	Input: 100 to 240 V AC, 50/60 Hz	
	Temperature	
	Operating: 0 to 40 $^{\circ}\text{C}$ (32 to 104 $^{\circ}\text{F}$ )	
	Storage: -20 to 65 $^{\circ}\text{C}$ (-4 to 149 $^{\circ}\text{F}$ )	
38	<b>Media Converter - RJ45 Rate 10/100/1000base</b>	
	Certification CE, ISO, RoHS	
	Mac Address 1K, Frame Buffer Memory 512kb RAM	
	Port Type 1 RJ45 to Sc	
	SFP Rate 1000base	
	Power Supply External	
	UTP Cable Cat6( $\leq 100\text{m}$ )	
39	<b>Cable Manager</b>	
	Product Type: Single-Sided Manager	
	Body Material: ABS	
	Orientation: Horizontal	
	Cover Material: PVC	
	Finger Material: ABS	
	Number of Rack Units: 2	
	Environment: Indoor	
	Color: Black	
	Standards Met: RoHS Compliant, UL 2416, CSA C22.2	
40	<b>PoE Injector</b>	
	Input Voltage (AC): 100- 240Vac (nominal)	

	Input Frequency Range: 47 Hz(min) ~ 63 Hz(max)	
	Output Voltage (DC): 48 V	
	Output Rating: 0.5A (24W)	
	Operating Temperature: -10°C ~ +40°C	
	Storage Temperature: -30°C ~ +80°C	
	Operating Humidity: 10%~95% non-condensing	
	Storage Humidity: 10%~95% non-condensing	
	Weight: 90 g, Certification: CE	
41	<b>Unmanaged PoE Switch 8-ports with 4 PoE+ ports</b>	
	(first 1-4 ports) and dedicated PoE power budget of 50 W	
	Bandwidth: 16 Gbps (non-blocking)	
	Performance: Full line rate and forwarding rate of 64B frame at 1.488 Mpps for 1000M port, 0.1488 Mpps for 100M port, 0.01488 Mpps for 10M port	
	Quality of Service: 802.1p and DSCP	
	Status LEDs: Link, speed, activity, and PoE indicators	
	Power Supply: External, 54 VDC, 1.2 A	
	Power Saving: Cable connected detection Sleep mode	
	Power Consumption in Idle/Use (100% Traffic): 3.83 W / 7.0 W	
42	<b>Network 24-port Layer 2+ Enterprise PoE switch, 24x1GE RJ45 Ports, 4x2.5 GE SFP Ports, PoE/PoE+</b>	
	Ports & Interfaces	
	24x10/100/1000 BASE-T RJ45 ports with PoE/PoE+ support (IEEE 802.3af/at) - PoE power supplied to endpoints such as APs, VoIP phones, and cameras.	
	4xSFP ports, supporting 1G/2.5G uplinks for higher-speed backbone connections.	
	Dedicated RJ45 console port and USB management port (typical hardware console/USB for configs).	
	Switching Performance	
	Switching capacity: ~82Gbps (line-rate throughput).	
	Forwarding rate: ~61Mpps (million packets per second).	
	MAC address table: 16,000 entries (supports large device tables).	
	IPv4/IPv6 unicast routes: Supports static routing entries for basic L3 forwarding (64 each).	
	PoE/Power	
	PoE/PoE+ output: Supports standard PoE (802.3af) and PoE+ (802.3at) on all 24 RJ45 ports.	
	Total PoE budget: Up to approx. 370W (typical total power deliverable to all PoE ports) - actual depends on deployment and power source.	
	Management & Features	
	Layer 2+ managed functions: VLAN (incl. 802.1Q), QoS, ACLs, STP/RSTP, LACP, IGMP/MLD Snooping.	
	Security & authentication: 802.1X, RADIUS, TACACS+, MAC filtering, DHCP Snooping.	
	Management interfaces: Web GUI, CLI, SNMP, and cloud-based management with Ruijie Cloud/WIS for remote monitoring and control.	
	Hardware & Physical	
	CPU: Single-core ~1.2 GHz processor.	
	Memory: 512 MB RAM, 64 MB flash.	
	Cooling: Dual fixed fans.	
	Rack-mountable: 1 RU metal chassis (19" rack compatible).	
	Dimensions: ~ 440 × 220 × 43.6 mm.	
	Weight: ~ 2.5–2.8 kg.	
	Operating temp: 0°C to 45°C.	
	Humidity: 10% to 90%.	



## ***Section III. Bid Data Sheet***

### **Notes on the Bid Data Sheet**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# Bid Data Sheet

ITB Clause																	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <p style="margin-left: 40px;">a. <b>PROCUREMENT OF CONSOLIDATED ICT SUPPLIES AND EQUIPMENT FOR THE FOUR (4) CAMPUSES</b></p> <p style="margin-left: 40px;">b. completed within two (2) years prior to the deadline for the submission and receipt of bids.</p>																
7.1	Subcontracting is not allowed.																
12	The price of the Goods shall be quoted DDP or the applicable International Commercial Terms (INCOTERMS) for this Project.																
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <p style="margin-left: 40px;">a. The amount of not less than <i>two percent (2%) of ABC</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</p> <p style="margin-left: 40px;">b. The amount of not less than <i>five percent (5%) of ABC</i>, if bid security is in Surety Bond.</p>																
19.3	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 60%;">LOT 1</td> <td style="width: 30%;">ICT SUPPLIES</td> <td style="width: 10%; text-align: right;">Php 147,888.00</td> </tr> <tr> <td></td> <td>LOT 2</td> <td>ICT EQUIPMENT</td> <td style="text-align: right;">Php 579,000.00</td> </tr> <tr> <td></td> <td>LOT 3</td> <td>NETWORK SUPPLIES AND EQUIPMENT</td> <td style="text-align: right;"><u>Php 416,192.00</u></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">Php 1,143,080.00</td> </tr> </table>		LOT 1	ICT SUPPLIES	Php 147,888.00		LOT 2	ICT EQUIPMENT	Php 579,000.00		LOT 3	NETWORK SUPPLIES AND EQUIPMENT	<u>Php 416,192.00</u>			Total	Php 1,143,080.00
	LOT 1	ICT SUPPLIES	Php 147,888.00														
	LOT 2	ICT EQUIPMENT	Php 579,000.00														
	LOT 3	NETWORK SUPPLIES AND EQUIPMENT	<u>Php 416,192.00</u>														
		Total	Php 1,143,080.00														
	Latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS).																
21.2	No further instructions.																

## ***Section II. Instructions to Bidders***

### **Notes on the Instructions to Bidders**

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

## 1. Scope of Bid

- a. The Procuring Entity, CARLOS HILADO MEMORIAL STATE UNIVERSITY wishes to receive Bids for the **PROCUREMENT OF CONSOLIDATED ICT SUPPLIES AND EQUIPMENT FOR THE FOUR (4) CAMPUSES** with identification number **CHMSU 26-018-0610-G**.
- b. The Procurement Project (referred to herein as “Project”) is composed of **Three (3) Lots**, the details of which are described in Section VII (Technical Specifications).

## 2. Funding Information

2.1. The GOP through the source of funding as indicated below for 2026 in the amount of **ONE MILLION ONE HUNDRED FORTY-THREE THOUSAND EIGHTY PESOS (Php 1,143,080.00) ONLY**.

2.2. The source of funding is:

NGA, the General Appropriations Act or Special Appropriations.

## 3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

## 4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

## 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
  - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
  - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
  - iii. When the Goods sought to be procured are not available from local suppliers; or
  - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
  - a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

## 6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

## 7. Subcontracts

The Procuring Entity has prescribed that:

Subcontracting is not allowed.

## **8. Pre-Bid Conference**

The Procuring Entity will hold a **Pre-Bid Conference** for this Project on **June 18, 2026, 10:30 A.M.** at the Bidding Rm., 2/F Supply and Property Management Bldg., CHMSU Talisay Campus and or through video conferencing or webcasting via **Zoom Meeting with ID No. 540 036 7488, Meeting Password 061826**, which shall be open to prospective bidders.

## **9. Clarification and Amendment of Bidding Documents**

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

## **10. Documents comprising the Bid: Eligibility and Technical Components**

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within two (2) years prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

## **11. Documents comprising the Bid: Financial Component**

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.
- 11.5. Financial proposals for single or multi-year Framework Agreement shall be submitted before the deadline of submission of bids as prescribed in the **IB**. For multi-year Framework Agreement, evaluation of the financial proposal during this stage is for purposes of determining eligibility and whether or not such financial proposal is within the ABC.

## 12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - a. For Goods offered from within the Procuring Entity's country:
    - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
    - ii. The cost of all customs duties and sales and other taxes already paid or payable;
    - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
    - iv. The price of other (incidental) services, if any, listed in e.
  - b. For Goods offered from abroad:
    - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
    - ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

## 13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based

on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in:

a. Philippine Pesos.

## 14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid until **October 30, 2026**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## 15. Sealing and Marking of Bids

15.1 Each bidder shall enclose their original technical proposal described in ITB Clause 10, in one sealed envelope marked “ORIGINAL - TECHNICAL PROPOSAL”, and the original of their financial proposal described in ITB Clause 11 in another sealed envelope marked “ORIGINAL - FINANCIAL PROPOSAL”, sealing them all in an outer envelope marked “ORIGINAL BID”.

15.2. Each copy of the first and second envelopes shall be similarly sealed duly marking the inner envelopes as “COPY NO. \_\_\_ - TECHNICAL PROPOSAL” and “COPY NO. \_\_\_ – FINANCIAL PROPOSAL” and the outer envelope as “COPY NO. \_\_\_”, respectively. These envelopes containing the original and the copies shall then be enclosed in one single envelope.

15.3. The original and the number of copies of the bid as indicated in the BDS shall be typed or written in ink and shall be signed by the bidder or its duly authorized representative/s.

15.4. All envelopes shall:

- (a) contain the name of the contract to be bid in capital letters;
- (b) bear the name and address of the Bidder in capital letters;
- (c) be addressed to the Procuring Entity’s BAC
- (d) bear the specific identification of this bidding process; and
- (e) bear a warning “DO NOT OPEN BEFORE...” the date and time for the opening of bids, in accordance with ITB Clause 16.

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<sup>1</sup> In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

- 15.5. Bid envelopes that are not properly sealed and marked, as required in the bidding documents, shall not be rejected, but the bidder or its duly authorized representative shall acknowledge such condition of the Bid as submitted. The BAC or the Procuring Entity shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked Bid, or for its premature opening.
- 15.6. If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

## **16. Deadline for Submission of Bids**

- 16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

## **17. Opening and Preliminary Examination of Bids**

- 17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

- 17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

## **18. Domestic Preference**

- 18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

## **19. Detailed Evaluation and Comparison of Bids**

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:

One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

## **20. Post-Qualification**

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid. The Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

## **21. Signing of the Contract**

- 21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

## ***Section V. Special Conditions of Contract***

### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

## Special Conditions of Contract

GCC Clause	
1	<p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered to Carlos Hilado Memorial State University – Alijis and Fortune Towne Campuses, Bacolod City, Negros Island Region, in accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered Carlos Hilado Memorial State University – Alijis and Fortune Towne Campuses, Bacolod City, Negros Island Region. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is Mr. Leonard A. Guilaran, CPA, MBA, Supply Officer.</p> <p><b>Incidental Services –</b></p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <ol style="list-style-type: none"> <li>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> <li>c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and</li> </ol>

- e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

**Spare Parts –**

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- b. in the event of termination of production of the spare parts:
  - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
  - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI (Schedule of Requirements)** and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of one (1) year.

Spare parts or components shall be supplied as promptly as possible, but in any case, within fifteen (15) days of placing the order.

	<p><b>Packaging –</b></p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods’ final destination and the absence of heavy handling facilities at all points in transit.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity  Name of the Supplier  Contract Description  Final Destination  Gross weight  Any special lifting instructions  Any special handling instructions  Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p><b>Transportation –</b></p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>

	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p><b>Intellectual Property Rights –</b></p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	<p>The terms of payment shall be as follows:</p> <p>The terms of payment : 30 days</p>
4	<p>The inspections and tests that will be conducted are:</p> <p>Inspection as to the Quality, Quantity, and Specifications of the items delivered.</p>

## ***Section IV. General Conditions of Contract***

### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

## 1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

## 2. Advance Payment and Terms of Payment

2.1. Advance payment of the contract amount is provided under Annex “D” of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

## 3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

## 4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

## **5. Warranty**

- 6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

## **6. Liability of the Supplier**

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.