



## Bid Notice Abstract

### Invitation to Bid (ITB)

<b>Reference Number</b>	10439333
<b>Procuring Entity</b>	DEPARTMENT OF EDUCATION - REGION VIII
<b>Title</b>	PROCUREMENT FOR THE UPGRADING OF THE EXISTING NETWORK INFRASTRUCTURE (PHASE 3) OF DEPED REGIONAL OFFICE VIII
<b>Area of Delivery</b>	Leyte

<b>Solicitation Number:</b>	ORD-ICTU-2023-10-0678	<b>Status</b>	Active
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	2
<b>Procurement Mode:</b>	Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b>	Goods	<b>Document Request List</b>	0
<b>Category:</b>	Communication Equipment & Parts and Accessories	<b>Date Published</b>	21/12/2023
<b>Approved Budget for the Contract:</b>	PHP 1,500,000.00	<b>Last Updated / Time</b>	21/12/2023 00:00 AM
<b>Delivery Period:</b>		<b>Closing Date / Time</b>	10/01/2024 10:00 AM
<b>Client Agency:</b>			
<b>Contact Person:</b>	Mikko S Duero Computer Programmer II DepEd Regional Office VIII Government Center Barangay Candahug Palo Leyte Philippines 6501 63-53-8889349 63-53-8322997 bac.region8@deped.gov.ph		

#### Description

PROCUREMENT FOR THE UPGRADING OF THE EXISTING NETWORK INFRASTRUCTURE (PHASE 3) OF DEPED REGIONAL OFFICE VIII

LOT ITEM DESCRIPTION ABC BID DOCS PRICE

1 SUPPLY AND INSTALLATION OF SOLAR POWER SYSTEM & CENTRALIZED POWER

a) 1 set 5kw PV system (Solar Power)

- 5kw Smart Hybrid Inverter w/ online configuration and monitoring
- 5400W Solar Panel w/ Railing set
- 9600kwhr LiFePO4 battery capacity
- Circuit Protection & Grounding
- Solar Cables & Conduits
- Logistics/Transportation & Handling
- Solar Power Labor, Installation, Termination, and Commissioning

b) 1 set Centralized Power for Data Cabinets

- Electrical Wiring
- Circuit Protection
- Grounding & Bonding
- Cables & Conduits
- Rough-in, Labor, Installation
- Termination, Commissioning

c) Other requirements:

- o The installation must be supervised by the company's licensed Electronics Engineer (EE) personnel.
- o Installers/technicians must be TESDA-certified in PV (photovoltaic) Systems Installation NC II and in Electrical Installation & Maintenance NC II.
- o The company must be able to respond within 24-hour timespan for repair and/or maintenance services.
- o Documentation (As-built Plan) on the full power backup setup shall be provided by the supplier.
- o 3 years warranty and maintenance services coverage
- o Project completion should be within sixty (60) calendar days upon receipt of the Notice to Proceed (NTP).

₱750,000.00 ₱1,000.00

2 SUPPLY AND INSTALLATION OF INTERNET PROTOCOL (IP) PRIVATE AUTOMATIC BRACH EXCHANGE (PABX) SYSTEM  
Inclusive of:

- a) 19 units IP phones
- b) 2 units Touchscreen IP phones
- c) 1 unit IP PABX Server with the following specifications:
  - 50 users
  - with Module for 2 Trunklines
  - up to 8 expansion slots
  - 25 concurrent calls
- d) 2 units 24-Port POE manageable switch w/ cloud server
  - 24 10/100/1000Base-T ports (802.3 af/at compliant), 4 SFP 1000Base-X ports, 370W PoE power
  - 336Gbps switching capacity
  - 42Mbps packet forwarding rate

- 24 Base-T ports (support PoE and PoE+) Maximum PoE/PoE output power per switch: 370W Maximum output power per port:30W
  - e) 1 unit 12-port Fiber Patch Panel
  - f) 1-unit SFP Module SM-20km
  - 1000BASE-LX
  - SFP Transceiver
  - LC
  - g) 40 pcs SC-LC / LC-LC Fiber Patch Cable
  - h) 50 pcs UTP patch cables
  - i) UTP cables, Conduits, Moldings, Cable Trays, & other materials to be used for the installation.
  - j) 4 units 12U Data Cabinet w/ power & peripherals with:
    - 19" PDU
    - Cable Management 1U
    - Cabinet Fan
  - k) Installation, Commissioning, Activation, & Testing
  - l) Other requirements:
    - Bidder must have a Philippine Contractors Accreditation Board (PCAB) license in communication facilities.
    - The installation must be supervised by the company's licensed Electronics and Communications Engineer (ECE) personnel.
    - Installers/technicians must be TESDA-certified in Computer Systems Servicing NC II and must be certified installer(s) of the product offered.
    - The company must have a Certified Fiber Optic Specialist in Data Center Cabling, Certified Fiber Optic Specialist in Network Design, Personnel for the Commissioning of Network Active & Passive components within the data cabinets.
    - The company must be able to respond within 24-hour timespan for repair and/or maintenance services.
    - Documentation (As-built Plan) on the full network setup shall be provided by the supplier.
    - 3 years warranty and maintenance services coverage.
    - Project completion should be within sixty (60) calendar days upon receipt of the Notice to Proceed (NTP).
- ₱695,000.00 ₱1,000.00
- 3 LAPTOP COMPUTER**
- Minimum Technical Specifications:  
 Processor: 1.6Ghz Based Speed with Turbo Speed; if 4-Core & 8-Thread 6MB Cache OR 2Ghz Based Speed with Turbo Speed; if 4-Core & 8-Thread 4MB Cache  
 Memory: 2 x 4GB DDR4 or 1 x 8GB DDR4  
 Monitor: Screen Size: Min. 13"; Resolution: Min. 1920 x 1080 (Full HD), 1080p; Anti-Glare LED Backlit OR IPS Technology  
 Weight: Max. 1.6 kgs  
 Storage: 1 TB SSD  
 Audio: 6 Ω/ 1W Speaker x 2 Built-in Speakers; 3.5mm standard headphone jack  
 Camera: Built-in  
 Connectivity: Wireless LAN 802.11 b/ g/ n/ ac; Bluetooth; Built-in wireless screen mirroring  
 Ports: 1 x USB 3.0 or 3.1 – Type C; 1 x Combo Audio jack; 1 x HDMI / Micro HDMI  
 Keyboard: US English Layout; Standard Size  
 Mouse: Optical; Bluetooth Connection  
 Headset: Over-the-Head; 3.5mm audio jack connection  
 Touchpad: Multi-touch or Touch Pad with 2 Buttons  
 Power Adapter: Type-C or Standard AC/DC Adapter
- Other Requirements
- Storage Partition: Drive C (system) and Drive D (data)
  - Any key to restore the Host Laptop in its original system state in case of breakdown.
  - Trusted Platform Module (ISO/IEC 11889) integrated to a chip on the computer
  - Minimum of 12 months standard warranty applies for parts and labor.
  - Delivery shall be within Thirty (30) calendar days upon receipt of Notice to Proceed (NTP). ₱55,000.00 ₱500.00

**Important Note/s:**

1. Above-mentioned specifications shall STRICTLY be followed, hence, documentary requirements stated in all lots shall be presented during the Opening of Bids.
2. Considering that this procurement will be awarded by lot, bidders must acquire/purchase bidding documents for each lot and present separate sets of Technical and Financial documents for each respective lot.
3. Winning Bidder must coordinate, one (1) day after issuance of Notice of Award (NOA), with the Administrative Division (Proponent), to discuss the guidelines of the program, delivery schedule(s), and the expectation/s between both parties, Contact No. (053) 832-4625, E-mail address: ictu.region8@deped.gov.ph.

**Line Items**

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
1	SOLAR POWER SYSTEM	SUPPLY AND INSTALLATION OF SOLAR POWER SYSTEM & CENTRALIZED POWER	1	Lot	750,000.00
2	IP PABX SYSTEM	SUPPLY AND INSTALLATION OF INTERNET PROTOCOL (IP) PRIVATE AUTOMATIC BRACH EXCHANGE (PABX) SYSTEM	1	Lot	695,000.00
3	LAPTOP COMPUTER	LAPTOP COMPUTER	1	Lot	55,000.00

**Pre-bid Conference**

Date	Time	Venue
28/12/2023	10:00:00 AM	DepEd Regional Office VIII, Candahug, Palo, Leyte

**Created by** Mikko S Duero  
**Date Created** 20/12/2023

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