



Republic of the Philippines  
**Department of Education**  
 REGION V  
 SCHOOLS DIVISION OFFICE OF CATANDUANES  
**BIDS AND AWARDS COMMITTEE (BAC)**  
 Virac, Catanduanes

**INVITATION TO BID**

**UPGRADING, REPAIR, MAINTENANCE AND SAFETY OF THE EXISTING NETWORK INFRASTRUCTURE, APPLICATIONS AND APPLIANCES**

1. The *Schools Division Office of Catanduanes* through the *General Appropriation Act (GAA) CY 2023* intends to apply the sum of *One Million Four Hundred Five Thousand Pesos Only (Php1,405,000.00)* being the Approved Budget for the Contract (ABC) to payments under the contract for the *Upgrading, Repair, Maintenance and Safety of the Existing Network Infrastructure, Applications and Appliances*. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *Schools Division Office of Catanduanes* now invites bids for the above Procurement Project. *Delivery of the Goods is required thirty (30) calendar days*. Bidders should have completed, within three (3) 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 Instruction to Bidders.

**Name of Project: *Upgrading, Repair, Maintenance and Safety of the Existing Network Infrastructure, Applications and Appliances***

**Approved Budget for the Contract: P1,405,000.00**

**Specific Requirement:**

Unit	ITEMS	Quantity
lot	<b>STRUCTURED CABLING, REPAIR AND MAINTENANCE including electrical wirings at ICTU Office</b> including: Materials(Cat 6e) and labor services (Warranty on parts and services from date of acceptance and on-site service)	1
set	<b>Smart UPS System</b>	1
	-Feature: Brand new and good quality - Specifications: *3kw Off-grid Inverter *24V 200ah LiFePO4 battery *Circuit Protection & Grounding *Centralized power for data cabinets *must be installed by a TESDA Certified - PV Systems Installation NC II (Warranty on parts and services from date of acceptance and on-site service)	
set	<b>Back-Up Storage for Data and Systems - Network Attached Storage</b>	1
	Feature: Brand new and good quality- Specifications: 4bay; 8GB DDR4, 4 Core, 4 NAS Drive, 8TB (Warranty on parts and services from date of acceptance and on-site service)	
set	<b>Enterprise Grade Firewall Appliance</b>	1
	Feature: Brand new & good quality – Specifications: Security Gateway Appliance, Intel® Atom® C3558 with QAT, 4-core @ 2.2 GHz (Denver ton family), 2x 10 Gbps SFP+ cage WAN ports, 2x Auto media detect 1 Gbps (RJ45 copper / SFP ,fiber) Combo WAN ports, 4x 2.5 Gbps RJ-45 "direct" (unswitched), LAN ports, 16GB eMMC (onboard - soldered) - (Netgate 6100 "Base" configuration), 128GB NVMe M.2 SSD - (Netgate 6100 "Max" configuration), 4,000,000 Maximum Connections, L3 Forwarding: 18.50 Gbps, Firewall: 9.93 Gbps, IPsec VPN: 1.77 Gbps, (AES-GCM-128 w/QAT), compatible with pfSense software, Installation & Configuration (Warranty on parts and services from date of acceptance and on-site service)	



lot	<b>Fire Detection &amp; Alarm System(FDAS)</b>	1
	Feature: Brand new and good quality- Specifications: 2 Zone Fire Alarm Control Panel, 8 Units 24V Fire/Smoke Detector, 3 units 24V Bell, Rough in Conduit. Includes - Materials/Equipment, Installation for 10 offices,Configurations, Cabling & Training ((Warranty on parts and services from date of acceptance and on-site service)	
units	<b>POE Access Point</b>	2
	RG-RAP2260(G), AX1800 Dual Band Gigabit Ceiling Mount Access Point Wifi 6 with cloud management	
unit	<b>Managed Core Switch w/ cloud management</b>	1
	<b>Feature: Brand new, Branded &amp; good quality</b>	
	<b>Specifications:</b> -24-Port SFP Layer 2+ non-PoE switch, 8 Combo ports with 4 SFP+ uplink -Enterprise-class Quality Ensures High Performance -6KV surge protection reduces the possibility of port damage -Multiple Security Policies Protect Your Network -online cloud management, 4094 max vlan -128Gbps Switching Capacity -16000 MAC Address Table -Forwarding rate 96Mpps -3 years warranty -Configuration, Installation, Commissioning -Supplier must be a certified specialist engineer -Supplier must be a certified security engineer Warranty on parts and services from date of acceptance and on-site service	
units	<b>UTP Patch Cables</b>	80
boxes	<b>UTP Cat6 Cable</b>	3
units	<b>SFP Module SM</b>	10
	-1000BASE-LX, SFP Transceiver, LC/SC	
units	<b>SC-LC Fiber Patch Cable</b>	10
units	<b>LC-LC Fiber Patch Cable</b>	16
pcs	<b>Metallic Cable Management IU</b>	8
unit	<b>24-Port POE manageable switch w/ cloud server</b> <b>Feature: Branded &amp; good quality</b>	1
	Specifications:- 24 10/100/1000Base-T ports (802.3 a/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 ( Warranty on parts and services from date of acceptance and on-site service)	
units	<b>12U Data Cabinet w/ power &amp; peripherals</b>	1
	<b>Feature: Brand new, Specifications: - 19" PDU</b> -Cable Management 1U, Power Provision, Cabinet fan ( Warranty on parts and services from date of acceptance and on-site service)	



set	<b>INSTALLER PARTS PROFESSIONAL NETWORK TOOL KIT(15 in 1)</b>	1
	Specifications: Brand new & Branded – Specifications: 15 Tools in 1 suitcase which includes:Rj45 Crimping Tool, Catg cable tester, Gauge Wire Stripper, Cutting twisting tool, Ethernet Punch Down Tool, Screwdriver, Knife Features: Lightweight Hand Case, High Quality Network crimper. the Rj11/Rj45 crimper is ergonomically designed crimping/ stripping/ cutting/ twisting tool that is perfect for Cat5E/Cat6A/Cat7/Cat7A/Cat8 connectors, shielded(STP) and unshielded(UTP) cables and other 20-30 gauge wires. Blade guard helps reduce risk for injury while still maintaining blade sharpness, Electric Network Cable Data Tester: easily tests for connections for LAN/ethernet cat5/Cat6 cable that is necessary for any data transmission installation job; 66 110 Punch Down Installation Tool; This tool is professionally designed for work on high-volume punch down of Cat5 to Cat6 cable installations; Multifunctional Screwdriver & Knife set - The kit comes with a 2 in 1 screwdriver and a razor sharp utility knife ideal for a variety of uses	
units	<b>Aluminum 5 step ladder</b>	1
	Feature: Brand new and good quality	
	Specifications: Heavy duty (42.52 in X22.44 in x 66.54 in)	
<b>IT EQUIPMENT UPGRADE (ADDITIONAL)</b>		
set	<b>IP Telephone PABX System</b>	1
	Features: Brand new & good quality, Specifications: IP PABX System w/ VOIP Lics & Activation and Commissioning -With SIM card slot - with Landline Trunk slot -10 units IP Phone with Activation -1 unit Touchscreen IP Phones with Activation -Phone cables Rough-in, Installation, Materials & ports (Warranty on parts and services from date of acceptance and on-site service)	
set	<b>Desktop Computer</b>	1
	Brand New and Branded, Intel Core i5 or its equivalent, Graphics: NVIDIA GeForce RTX 3070, 16 GB 3200mhz RAM, 512GB SSD with 2 TB HDD, Operating System-Windows 10, Windows OS Server Compatible, 23" FHD IPS Monitor, Included: keyboard, mouse, ups and other computer peripherals(Warranty on parts and services from date of acceptance and on-site service)	
Pc.	<b>Touch Screen Monitor for heavy usage</b>	1
	Feature: Branded and high quality, Specifications - Screen Size: 24 inches Resolution: 1920 x 1080 pixels, Panel Type: IPS Brightness: 250cd/m2 Display Connectivity: HDMI, DisplayPort, VGA(Warranty on parts and services from date of acceptance and on-site service)	
units	<b>POE IP Camera (1 outdoor and 1 indoor)</b>	2
	Feature: Branded and good quality, Specifications: High quality imaging with 2 MP resolution, 1920 × 1080 max resolution, 1/2.8" Progressive Scan CMOS, Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°, 2.8 mm focal length, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127°; 4 mm focal length, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99° M12 lens mount, Efficient H.265+ compression technology, Clear imaging against strong back light due to 120 dB WDR technology, Focusing on human and vehicle classification based on deep learning, Built-in microphone for real-time audio security, 24/7 colorful imaging, Water and dust resistant (IP67), With smart supplement light, with NAS interface, 1 RJ45 10 M/100 M self-adaptive Ethernet port, Built-in memory card slot, support SD/SDHC/SDXC slot, up to 256 GB, Motion detection (human and vehicle targets classification), video tampering alarm, Scene change detection, with face capture,(Warranty on parts and services from date of acceptance and on-site service)	



unit	<b>Thermal Printer</b>	1
	Feature: Branded and good quality, Specifications: with auto cut features, Thermal line printing, Width(mm) 79.5+0.5 m m x 83.0/57.5+0.5x83.0mm Speed: up tp 350 mm/sec , can print directly form cloud (Warranty on parts and services from date of acceptance and on-site service)	
unit	<b>50" Surveillance Monitor</b>	1
	Smart/ Android TV	
pairs	<b>HDMI fiber extender</b>	2
	1core fiber optic cable	
lot	<b>Installation</b>	1
	Installation, Commissioning, Activation, Site survey, layouting, cabling/wiring, termination (eg. RJ45, IO port), drilling, masonry, carpentry, patching and re-painting, energizing, testing, tagging, demo and training of end-user. Includes the installation of fiber optic cable from ICTU Office to Guard house for the additional monitor of the surveillance system. Network and configuration of existing system is also included	
<b>Bidder Requirements:</b> Bidders must be a PCAB in Communication Facilities registered, Bidder must have a Certified Personnel with PV Systems Installation NC II, Bidder must have a Fiber Optic Certified Specialist in Data Center Cabling, Bidder must have a Certified Routing Engineer, Security Engineer & Traffic Control Engineer and Bidder must have a PABX Certified Technician		
<b>Project Management Staff:</b> One(1) Project Manager, One(1) Project Engineer, One(1) Safety Officer with DOLE Certification and Three(3) Technical with TESDA Certifications		
<b>APPROVED BUDGET FOR THE CONTRACT= P1,405,000.00</b>		

3. Bidding will be conducted through open competitive bidding procedures using non-discretionary *pass/fail* criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184.
  - a. 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 Schools Division Office of Catanduanes and inspect the Bidding Documents at the address given below during Monday to Friday from 8:00 AM to 5:00 PM
5. A complete set of Bidding Documents may be acquired by interested Bidders on **November 15- December 5, 2023** from the given address and website below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Five Thousand Pesos Only (Php5,000.00)**. The Procuring Entity shall allow the bidder to present proof of payment for the fees in person.
6. The Schools Division Office of Catanduanes will hold a Pre-bid Conference on **November 22, 2023 at 9:00 AM** at SDO-CID Office which shall be open to all prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at **CID Office** on or before **December 5, 2023 at 9:00 AM**. Late bids shall not be accepted.
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 **December 5, 2023 at 9:00 AM at CID Office** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. Prior to Bid Opening, representative of bidders should present and submit to the BAC a **Special Power of Attorney** stating the detailed activities which he/she will perform relative to the bidding at hand.
11. The *Schools Division Office of Catanduanes* 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 No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:  
**MA. LUISA T. DELA ROSA**  
 Chairman, Bids and Awards Committee  
 DepEd, Division Office, Virac, Catanduanes  
 CP No. 09476099689  
 www.depedrovcatanduanes.com

  
**MA. LUISA T. DELA ROSA**  
 BAC Chairman

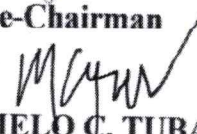
**UPGRADING, REPAIR, MAINTENANCE AND SAFETY OF THE EXISTING NETWORK INFRASTRUCTURE, APPLICATIONS AND APPLIANCES**


**PROJECT SCHEDULE**

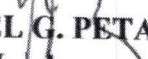
NO.	ACTIVITY	DURATION (days)	START	END
1.	Pre-Procurement Conference	1 CD	November 6, 2023	
2.	Advertisement/ Posting of Invitation to Bid	7 CD	Nov. 15, 2023	Nov. 21, 2023
3.	Issuance of Bidding Documents		Nov. 15, 2023	Dec. 5, 2023
4.	Pre-Bid Conference	1 CD	Nov. 22, 2023- 9:00 AM at CID Office	
5.	Issuance of Bid Bulletin (if any)			
6.	Deadline of Submission and Receipt of Bids/ Bids Opening	1 CD	Dec. 5, 2023- 9:00 AM at CID Office	
7.	Bid Evaluation	1 CD	Dec. 6, 2023	
8.	Post-Qualification	2 CD	Dec. 7-8, 2023	
9.	Approval of Resolution/ Issuance of Notice of Award	1 CD	Dec. 11, 2023	
10.	Contract Preparation and Signing	1 CD	Dec. 12, 2023	
11.	Approval of contract by higher authority	1 CD	Dec. 13, 2023	
12.	Issuance of Notice to Proceed	1 CD	Dec. 14, 2023	

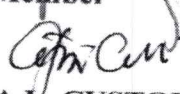
  
**MA. LUISA T. DELA ROSA**  
 BAC Chairman

  
**MARY JEAN S. ROMERO**  
 Vice-Chairman

  
**MA. CIELO C. TUBALE**  
 Member

  
**JESSLYN T. TAWAY**  
 Provisional Member

  
**ROMEL G. PETAJEN**  
 Member

  
**GINA L. CUSTODIO**  
 Member

  
**JENNIFER METICA**  
 End User