



Project No. 2024-002

Republic of the Philippines
Department of Education
NATIONAL CAPITAL REGION

SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

**Invitation to Bid for the Upgrading of the Schools Division Office
of Muntinlupa's Wireless Network, Firewall and
Structured Cabling**

1. The **Schools Division Office-Muntinlupa City**, through the **Republic Act No. 11936 – Fiscal Year 2023 General Appropriations Act as the Allotment Order (GAAAO) dated January 3, 2023** with **Sub-Allotment Release Order (Sub-ARO) No. OSEC-NCR-23-4866**, intends to apply the sum of **One Million Five Hundred Thousand Pesos (₱1,500,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Upgrading of the Schools Division Office of Muntinlupa's Wireless Network, Firewall and Structured Cabling and Project No. 2024-002**. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.
2. The **Schools Division Office-Muntinlupa City** now invites bids for the above Procurement Project. Completion of the Works is required **90 Calendar Days**. Bidders should have completed 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 non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from the **Schools Division Office-Muntinlupa City** and inspect the Bidding Documents at the address given below from **8:00 am – 5:00 pm**.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **March 5, 2024**, from the **BAC Secretariat at the Student Center for Life Skills Building (SCLS), Centennial Avenue, Laguerta, Tunasan, Muntinlupa** and the **website of the Procuring Entity** and 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 (₱5,000.00)**. The Procuring entity shall allow the bidder to present its proof of payment for the fees **in person**.

The Schedule and Venue of the procuring activities are as follows:

Activity	Date	Venue
Posting	March 5-12, 2024	PhilGEPS Procuring Entity's Website
Issuance of Bidding Documents	March 5-24, 2024 (8:00 am to 5:00 pm – Regular Office Hours)	Schools Division Office Muntinlupa City or thru the official email of SDO- Muntinlupa BAC
Pre-Bid Conference	March 13, 2024, Wednesday, 1:30 pm	Invitation shall be sent by the BAC Secretariat-to the email address of the bidders
Submission and Opening of Bids	March 25, 2024, Monday, 1:30 pm	Schools Division Office Muntinlupa City- (SCLS Bldg. 4th floor Activity Center)

6. The **Schools Division Office-Muntinlupa City** will hold a Pre-Bid Conference¹ on **March 13, 2024, Wednesday, 1:30 pm** via **blended modality (face-to-face and online)**, which shall be open to prospective bidders. Prospective Bidders shall obtain the Microsoft Teams ID from the authorized personnel of SDO-Muntinlupa City Bids and Awards Committee Secretariat.
7. Bids (in printed copies) must be duly received by the BAC Secretariat through manual submission to the office address as indicated below, or thru any courier on or before **March 25, 2024, Monday, 1:30 pm**. 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 16.
9. Bid opening (face-to-face) shall be on **March 25, 2024, Monday, 1:30 pm** at **Schools Division Office-Muntinlupa City (SCLS Bldg. 4th floor Activity Center), Centennial Ave., Laguerta, Tunasan, Muntinlupa**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

¹ May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a pre-bid conference.

10. The procuring entity is requiring the contractors/bidders for the procurement of **Upgrading of the Schools Division Office of Muntinlupa's Wireless Network, Firewall and Structured Cabling** to be a licensed contractor of the Philippine Contractors Accreditation Board (PCAB)-Category C Communication Facilities.

An Additional requirement before the sale of bidding document is to secure the Site Inspection Certificate signed by the BAC Chair.

11. The **Schools Division Office-Muntinlupa City** 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 Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:

Ms. Phoebe R. Arroyo
BAC Secretariat-Chair
SDO Muntinlupa City
Centennial Avenue, Laguerta, Tunasan, Muntinlupa City
(02) 8829-2308 loc. 120
sdomuntinlupabacsec@gmail.com

Ms. Lourdes V. Rodilla
BAC Secretariat-Member
SDO Muntinlupa City
Centennial Avenue, Laguerta, Tunasan, Muntinlupa City
(02) 8829-2308 loc. 129
sdomuntinlupabacsec@gmail.com

Mr. Joseph D. Nilo
BAC Secretariat-Member
SDO Muntinlupa City
Centennial Avenue, Laguerta, Tunasan, Muntinlupa City
(02) 8829-2308 loc. 120
sdomuntinlupabacsec@gmail.com

13. You may visit the website: <http://deped-muntinlupa.com> for the downloading of the Bidding Documents.


MADELINE ANN L. DIAZ
BAC Vice Chair

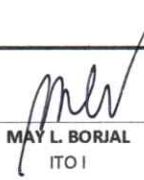
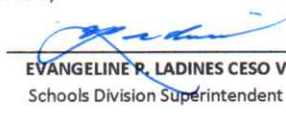
March 5, 2024



PURCHASE REQUEST
 Department of Education
 National Capital Region
 DepEd - Muntinlupa City

Entity Name: **SDO - CITY OF MUNTINLUPA**

Fund Cluster: **01-101101-Regular Agency Fund**

Stock/ Property No.		Unit	Item Description	Quantity	Unit Cost	Total Cost
			PR No.: PR-PB-2024-02-0004 Responsibility Center Code: 70010813008			Date: 02/05/2024
		unit	Access Point Mechanical Dimensions 197 x 35 mm Weight with Mount 600 g Weight without Mount 460 g Enclosure Material Plastic Mount Material SGCC steel Weatherproof IP54 Hardware Management interfaces Ethernet Bluetooth Networking interface (1) GbE RJ45 port Button Factory reset LED RGB Power method 802.3at PoE+ Power supply UniFi PoE switch 48V, 0.5A PoE adapter (optional) Supported voltage range 44 to 57VDC Max. power consumption 13W Max. TX Power 2.4 GHz 22 dBm 5 GHz 26 dBm MIMO 2.4 GHz 2 x 2 (UL MU - MIMO) 5 GHz 4 x 4 (DL/UL MU-MIMO) Throughput rate 2.4 GHz 573.5 Mbps 5 GHz 4.8 Gbps Antenna Gain 2.4 GHz 4 dBi 5 GHz 6 dBi Mounting Wall/Ceiling (included) Software Wi-Fi Standards 802.11a/b/g WiFi 4/WiFi 5/WiFi 6 Wireless Security WPA-PSK, WPA-Enterprise BSSID 8 per radio VLAN 802.1Q Advanced QoS Per-user rate limiting Guest traffic isolation Supported	25	₱ 12,400.00	₱ 310,000.00
		unit	SWITCH 8 Ports with 2 SFP Ports Dimensions 235 x 43 x 204 mm Weight 1.65 kg Networking interface (8) 10/100/1000 Mbps RJ45 Ethernet Ports (2) 1 Gbps SFP Ethernet Ports Management interface Ethernet In-Band Total Non-Blocking Throughput 10 Gbps Switching Capacity 20 Gbps Forwarding Rate 14.88 Mpps MAC Address Table 16384 Maximum Aggregations 6 Monitoring Sessions 1 Maximum VLANs 255 Power Method 100-240VAC/50-60 Hz, Universal Input Power Supply AC/DC, Internal, 150W DC	1	₱ 20,552.00	₱ 20,552.00
Purpose: Upgrading the Schools Division Office of Muntinlupa's Wireless Network, Firewall and Structured Cabling Source of Fund: <i>Sub-ARO: OSEC-NCR-23-4866</i>						
Requested by:			Approved by:			
Signature : Printed Name : Designation :			 MAY L. BORJAL ITO I			
			 EVANGELINE R. LADINES CESO V Schools Division Superintendent			

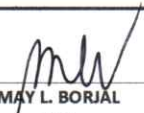

For Public Bidding



PURCHASE REQUEST
 Department of Education
 National Capital Region
 DepEd - Muntinlupa City

Entity Name: **SDO - CITY OF MUNTINLUPA**

Fund Cluster: **01-101101-Regular Agency Fund**



		PR No.: PR-PB-2024-02-0004	Date: 02/05/2024		
		Responsibility Center Code: 70010813008			
Stock/ Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
		Max. Power Consumption Including PoE Output 150W Excluding PoE Output 20W LEDs Per Port RJ45 Data Ports PoE, Speed/Link/Activity SFP Data Ports Speed/Link/Activity Sound Level* 0.5 dBr (Fanless) PoE+ Per Port PoE Interfaces PoE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-) 24VDC Passive PoE (Pins 4, 5+; 7, 8-) Max. PoE+ Wattage per Port by PSE 34.2W Voltage Range 802.3at Mode 50-57V Max. Passive PoE Wattage per Port 17W 24V Passive PoE Voltage Range 20-27V			
	units	SWITCH 24 Ports with 2 SFP Ports Dimensions 485 x 43.7 x 285.4 mm Weight 4.7 kg Networking interfaces (24) 10/100/1000 Mbps RJ45 Ethernet Ports (2) 1 Gbps SFP Ethernet Ports Management Interface (1) RJ45 Serial Port Out-of-Band, Ethernet In-Band Total Non-Blocking Throughput 26 Gbps Switching Capacity 52 Gbps Forwarding Rate 38.69 Mpps MAC Address Table 16384 Maximum Aggregations 6 Monitoring Sessions 1 Maximum VLANs 255 Power Method 100-240VAC/50-60 Hz, Universal Input Power Supply AC/DC, Internal, 250W DC Max. Power Consumption Including PoE Output 250W Excluding PoE Output 30W LEDs Per Port RJ45 Data Ports PoE, Speed/Link/Activity SFP Data Ports Speed/Link/Activity Sound Level* Fan level: 0 9.1 dBr Fan level: 1, 2, 3 14.2 dBr, 16.8 dBr, 21.2 dBr PoE+ Per Port PoE Interfaces PoE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-) 24VDC Passive PoE (Pins 4, 5+; 7, 8-) Max. PoE+ Wattage per Port by PSE 34.2W Voltage Range 802.3at Mode 50-57V Max. Passive PoE Wattage per Port 17W 24V Passive PoE Voltage Range 20-27V	2	₱ 32,900.00	₱ 65,800.00
		FIREWALL			
	lot	Next Generation Firewall - The propose Network Firewall brand should hold a position as a Gartner Magic Quadrant Leader (latest year 2022 is acceptable)	1	₱ 136,618.00	₱ 136,618.00
Purpose: Upgrading the Schools Division Office of Muntinlupa's Wireless Network, Firewall and Structured Cabling					
Source of Fund: Sub-ARO: OSEC-NCR-23-4866					
<i>For Public Bidding</i>					
Requested by:			Approved by:		
Signature :					
Printed Name :		MAY L. BORJAL	EVANGELINE P. LADINES CESO V		
Designation :		ITO I	Schools Division Superintendent		



PURCHASE REQUEST
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Entity Name: **SDO - CITY OF MUNTINLUPA**

Fund Cluster: **01-101101-Regular Agency Fund**

		PR No.: PR-PB-2024-02-0004	Date: 02/05/2024		
		Responsibility Center Code: 70010813008			
Stock/ Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
		Hardware 8 x GE RJ45 ports, 2 x 10GE RJ45/SFP+ shared media WAN ports Trusted Platform Module (TPM) Bluetooth Low Energy (BLE) Built-in Security Processor (SP5) technology System Performance and Capacity Firewall Throughput 27.9 Gbps Firewall Latency 3.23 μs Firewall Policies 5000 IPsec VPN Throughput (512 byte) 25 Gbps Concurrent Sessions 1.5 M Gateway-to-Gateway Ipsec VPN Tunnels 200 Client-to-Gateway Ipsec VPN Tunnels 2500 SSL-VPN Throughput 1.4 Gbps Concurrent SSL-VPN Users 200 SSL Inspection Throughput 2.6 Gbps (IPS, avg. HTTPS) SSL Inspection CPS 1400 SSL Inspection Concurrent Session 300 000 (IPS, avg. HTTPS) Application Control Throughput 6.7 Gbps (HTTP 64K) CAPWAP Throughput (HTTP 64K) 23.6 Gbps Virtual Domains (Default / Maximum) 10/10 Maximum Number of Switches Supported 24 Maximum Number of Aps (Total / Tunnel Mode) 96 / 48 Maximum Number of Tokens 500 High Availability Configurations Active-Active, Active-Passive, Clustering Dimensions Height x Width x Length (inches) 1.65 x 8.5 x 7.0 Height x Width x Length (mm) 42 x 216 x 178 Weight 2.47 lbs (1.12 kg) Operating Environment Input Rating 12V DC, 5A (dual redundancy optional) Power Required (Redundancy Optional) Powered by up to 2 External DC Power Adapters (1 adapter included), 100–240V AC, 50/60 Hz Power Supply Efficiency Rating 80Plus Compliant Power Required (Redundancy Optional) Powered by up to 2 External DC Power Adapters (1 adapter included), 100–240V AC, 50/60 Hz Maximum Current 115Vac/0.4A, 230Vac/0.2A Power Consumption 19.9 W / 20.53 W (Average / Maximum) Heat Dissipation 70.0 BTU/hr Operating Temperature 32°–104°F (0°–40°C) Storage Temperature -31°–158°F (-35°–70°C) Humidity 10%–90% non-condensing Noise Level 21.73 dBA Operating Altitude Up to 10 000 ft (3048 m) Compliance FCC, ICES, CE, RCM, VCCI, BSMI, UL/cUL, CB			
Purpose: Upgrading the Schools Division Office of Muntinlupa's Wireless Network, Firewall and Structured Cabling					
Source of Fund: Sub-ARO: OSEC-NCR-23-4866					
Requested by:  MAY L. BORJAL ITO I			Approved by:  EVANGELINE P. LADINES CESO V Schools Division Superintendent		

For Public Bidding



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Entity Name: **SDO - CITY OF MUNTINLUPA**

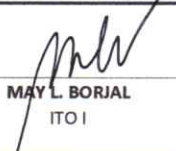
Fund Cluster: **01-101101-Regular Agency Fund**

		PR No.: PR-PB-2024-02-0004	Date: 02/05/2024		
		Responsibility Center Code: 70010813008			
Stock/ Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	license	NEXT GENERATION FIREWALL LICENSE SUBSCRIPTIONS (1 year) Guard IPS Service Guard Anti-Malware Protection (AMP) — Antivirus, Mobile Malware, Botnet, CDR, Virus Outbreak Protection and Sandbox Cloud Service Guard Web Security — URL and web content, Video and Secure DNS Filtering Guard Anti-Spam	1	₱ 105,130.00	₱ 105,130.00
		INSTALLATION, CONFIGURATIONS , TRANSFER OF LEARNING			
	lot	Installation of Access Points, Switches and others	1	₱ 125,900.00	₱ 125,900.00
	lot	Site Survey, Planning & Design, Structured Cabling & Wifi Access Point Installation, Testing, Commissioning, Integration up to Acceptance, Transfer of Learning, IT Support for 2 years	1	₱ 736,000.00	₱ 736,000.00
		WARRANTY : 1 year			
		CONTRACT DURATION: 90 Calendar Days			
		DELIVERY SITE: SDO MUNTINLUPA			
		BIDDERS QUALIFICATION:			
		-Bidder must have at least ten (10) years of existence in Telecommunications industry as a system integrator. Information should be based from Security and Exchange Commission (SEC) as proof that the bidder has at least ten (10) years of existence.			
		-Bidder must have an ISO 9001:2015 certification for at least 3 years.			
		-Bidder must have a PCAB certification with at least License Category C communication facilities.			
		-Bidder must have a manufacturer certified local technical manager or IT support engineers that can support the installations and have at least ten (10) years' experience in handling of the IT product being offered or other related security devices.			
		-Bidder must have at least 5 certified or trained NOC engineers for remote management system or technical Helpdesk services with a minimum of one (1) year experience including corporate resume.			
		-Bidder must have a dedicated Project Manager (PM) to oversee the project with at with a minimum of ten (10) years' experience in project management including corporate resume.			
		-Bidder must have at least one CompTIA Network+ certified personnel			
		-Bidder must have at least 1 ITILv4 certified personnel including corporate resume			
		-Bidder must have network security certification related to Next Gen Firewall.			
		-Bidders SLCC must be related to school, university and telecom deployments within 5 years related to Wi-Fi, Router/Modem and Switches.			
		-Bidders must conduct a site survey before buying of bid docs. Secure certification of the said activity to the end user.			
TOTAL					₱ 1,500,000.00

Purpose: **Upgrading the Schools Division Office of Muntinlupa's Wireless Network, Firewall and Structured Cabling**

Source of Fund: **Sub-ARO: OSEC-NCR-23-4866**

Requested by: _____ Approved by: _____ *For Public Bidding*

Signature :  _____  _____

Printed Name : **MAY L. BORJAL** **EVANGELINE P. LADINES CESO V**

Designation : **ITO I** **Schools Division Superintendent**