



Republic of the Philippines  
Province of Pampanga

**City of San Fernando**

**Office of the Bids and Awards Committee**

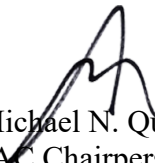
# REQUEST FOR QUOTATION

(FM-CSFP-CGSO-39; Revision No.03; 04/01/2022)

Project Title : **Supply and Delivery of Network Connectivity Equipment to be used at the City College of San Fernando Pampanga**  
Location of the Project : **City College of San Fernando, Pampanga**

Company Name \_\_\_\_\_ Date : **Aug 22, 2024**  
PR No. : **2024-07-01246**  
Address \_\_\_\_\_

Please quote your lowest price on the item/s listed below and submit your quotation duly signed by your representative not later than **Thursday, August 29, 2024 10:00 AM** at **CGSO Building, City Civic Center, Alasas, City of San Fernando, Pampanga.**

Canvassed by: \_\_\_\_\_ Approved by:   
**Rachelle M. Pangilinan** **Engr. Michael N. Quizon, Jr.**  
**BAC Chairperson**

- NOTE:
1. ALL ENTRIES MUST BE READABLE
  2. DELIVERY PERIOD WITHIN \_\_\_\_\_ CALENDAR DAYS
  3. WARRANTY SHALL BE FOR A PERIOD OF SIX (6) MONTHS FOR SUPPLIES & MATERIALS, ONE (1) YEAR FOR EQUIPMENT, FROM DATE OF ACCEPTANCE BY THE PROCURING ENTITY
  4. PRICE VALIDITY SHALL BE FOR A PERIOD OF \_\_\_\_\_ CALENDAR DAYS

Item No.	Qty	Unit	Item Description	Remarks	Unit Price	Total
1	1	lot	<p>Network Connectivity Equipment</p> <p>1 Unit Unifi Dream Machine PRO</p> <ul style="list-style-type: none"> <li>• Runs every UniFi OS application</li> <li>• including the pre-installed UniFi Network</li> <li>• 8-port switch with 1GbE RJ45 and 10G SFP+ ports</li> <li>• Integrated security gateway and UniFi Protect-ready</li> <li>• network video recorder that supports compatible 3.5" HDDs</li> <li>• Enterprise-class internet threat management</li> <li>• deep packet inspection, and WiFi AI functionality</li> <li>• Powered by a fast, 1.7 GHz quad-core processor</li> <li>• 1U-sized, rack-mountable console</li> <li>• Allows you to easily scale your deployment by</li> <li>• connecting additional Unifi devices</li> </ul> <p>1 Unit Unifi Cloudkey</p> <ul style="list-style-type: none"> <li>• Processor: APQ8053 8-Core with 3 GB of RAM</li> <li>• 1TB 2.5" SATA HDD (Upgradeable)</li> <li>• 802.3af PoE   QuickCharge 2.0 USB Type-C</li> <li>• 1 x 10/100/1000 Mb/s Ethernet Port</li> <li>• 2 x USB Type-C Ports</li> <li>• Device Capacity UniFi Protect Mode</li> <li>• Up to 20 UniFi cameras</li> <li>• UniFi SDN + Protect</li> <li>• Up to 15 UniFi cameras and 50 UniFi devices</li> </ul> <p>1 Unit Unifi USW Pro</p> <ul style="list-style-type: none"> <li>• Ubiquiti USW-Pro-48-POE</li> <li>• UniFi Layer 3 PoE switch with (48) GbE RJ45 ports, including (40) 802.3at PoEt ports and (8) 802.3bt PoE++ ports, and (4) 10G SFP+ ports.</li> <li>• Uil Ubiquity USW 48</li> </ul> <p>15 Units Unifi Access Point</p> <ul style="list-style-type: none"> <li>• Dual-band WiFi 6 (802.11ax)</li> <li>• 5 GHz (4x4 MU-MIMO and OFDMA) band with a 4.8 Gbps throughput rate</li> <li>• 2.4 GHz (2x2 MU-MIMO and OFDMA) band with</li> </ul>			



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Project Title : **Supply and Delivery of Network Connectivity Equipment to be used at the City College of San Fernando Pampanga**  
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			<p>a 573.5 Mbps throughput rate</p> <ul style="list-style-type: none"> <li>• Operates at full 4x4 MIMO with 160 MHz bandwidth</li> <li>• 300+ concurrent client capacity</li> <li>• Guest Traffic Isolation, Wireless network security and lowers traffic congestion</li> <li>• Included universal mounting plate, backing plate, and screw kit</li> <li>• Dimensions: 0197 × 35 mm (07.76 x 1.38")</li> <li>• Weight Without mount: 460 g (1.01 Ib)</li> <li>• With mount: 600 g (1.32 Ib)</li> <li>• Enclosure material: Plastic</li> <li>• Mounting material: SGCC steel</li> <li>• Weatherproofing: IPS4</li> <li>• WiFi standards: 802.11a/b/g</li> <li>• WiFi: 4/WiFi 5/WiFi 6</li> <li>• Wireless security: WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)</li> <li>• BSSID: 8 per radio</li> <li>• VLAN: 802.1Q</li> <li>• Advanced QoS: Per-user rate limiting</li> </ul> <p>1 Pc Data Cabinet 42U</p> <ul style="list-style-type: none"> <li>• W-800mm</li> <li>• D-800mm</li> <li>• H-2,055 mm (6' 9")flinches</li> <li>• Front mesh door and Rear mesh door with three fixed shelves</li> <li>• 4 fans (4) with two vertical cable managers</li> <li>• 1pc 8way PDU</li> </ul> <p>10 Boxes UTP Cable Cat 6</p> <ul style="list-style-type: none"> <li>• Series 7965E</li> <li>• Length 305m</li> <li>• LAN Category Cat6</li> <li>• Terminated/Unterminated Unterminated</li> <li>• Shield Type U/UTP</li> <li>• Shielded/Unshielded Unshielded</li> <li>• CPR Certification Eca</li> <li>• Outer Sheath Material PVC</li> <li>• Sheath Color Blue</li> <li>• Fire Behavior Flame Retardant</li> <li>• American Wire Gauge 23 AWG</li> <li>• Capacitance 56 pF/m, 1600pF/m</li> <li>• Current Rating 1.5 A</li> <li>• Voltage Rating 72 V</li> <li>• Conductor Strand Type Solid</li> <li>• Outer Diameter 5.7mm</li> <li>• Cable Shape Twisted Pair</li> <li>• Standards Met</li> </ul> <p>ANSI/TIA/EIA 568-C.2 (2009) EAC, EN 50173, IC 60332-1, ISO/EC 11801 2nd edition (2002) ISO/EC 11801 Amendment 2 (2010)</p> <ul style="list-style-type: none"> <li>• With 200 pcs RJ45</li> </ul> <p>5 Units Dual Band WiFi 6 router</p> <ul style="list-style-type: none"> <li>• Network Standard</li> </ul> <p>IEEE 802.11a /IEEE 802.11b / IEEE 802.11g</p>			



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Location of the Project : **City College of San Fernando, Pampanga**

Item No.	Qty	Unit	Item Description	Remarks	Unit Price	Total
			WiFi 4 (802.11n) / WiFi 5 (802.11ac) / WiFi 6 (802.11ax) IPv4 / IPv6 • Product Segment AX6000 ultimate AX performance: 1148+4804 Mbps • WiFi Data Rate 802.11a: up to 54 Mbps / 802.11b : up to 11 Mbps 802.11g: up to 54 Mbps / WiFi 6 (802.11ax) (2.4GHz) : up to 1148 Mbps WiFi 6 (802.11ax) (5GHz) : up to 4804 Mbps • Antenna External antenna x 6 • Transmit and Receive 2.4GHz. 4x4 / 5GHz 4x4 • Processor 2.0 GHz quad-core processor • Memory 256 MB Flash / 512 MB RAM • Boosts Speed OFDMA (Orthogonal Frequency Division Multiple Access) Beamforming: standard-based and universal 1024-QAM high data rate 20/40/80/160 MHz bandwidth Operating Frequency 2.4GHz / 5GHz • Operating Mode Wireless router mode / Access point mode / Media bridge mode • I/O Ports RJ45 for 2.5 Gigabits BaseT for WAN x 1, RJ45 for 2.5 Gigabits BaseT for LAN x 1, RJ45 for Gigabits BaseT for LAN x 4, USB 3.2 Gen 1 x 1 • Buttons WPS Button, Reset Button, Power Button • LED Indicator Power x 1 / WiFi x 1 / 1G LAN x 4 / 2.5G WAN x 1 / 2.5G LAN x 1 • Power Supply AC Input : 100V-240V (50-60Hz) DC Output : 12 V with max. 2.5 A current • Package Content Dual Band WiFi 6 router RJ-45 cable / Power adapter / Warranty Product Weight (g) 696g			
<b>Total Amount:</b>						

After having carefully read and accepted your General Conditions, I quote you on the item at prices noted above.

Printed Name/ Signature

Tel No./ Cellphone No.

Date

## TERMS OF REFERENCE

### SUPPLY AND DELIVERY OF NETWORK CONNECTIVITY EQUIPMENT TO BE USED AT THE CITY COLLEGE OF SAN FERNANDO PAMPANGA

#### I.BACKGROUND

Pursuant to R.A. No. 7160 otherwise known as the Local Government Code of 1991 particularly Section 444(b)(1) provides that the Chief Executive shall exercise general supervision and control over all programs, projects, services, and activities of the local government.

To ensure the continuous and uninterrupted services of CCSFP to its primary clientele, updated and upgrading of network connectivity equipment are necessary. IT parts, accessories and peripherals are for replacement and are experiencing downtime and malfunction. As per the recommendation of the City Information and Communications Technology Office (CICTO), said networkings are already subject for replacement and upgrade.

#### II.BUDGETARY REQUIREMENT

The budgetary requirement for the Supply and Delivery of Network Connectivity Equipment to be used at the City College of San Fernando Pampanga is included in the **PPMP with Ref. No. 2024-2135** and already included in the Annual Procurement Plan (APP) of the City Government, which is in the amount of **Seven Hundred Thousand Pesos Only (Php 700,000.00)**.

#### III.OBJECTIVES

The objectives of the Supply and Delivery of Network Connectivity Equipment to be used at the City College of San Fernando Pampanga in the City of San Fernando, Pampanga subject to Ordering Agreement are as follows:

1. To replace and upgrade out-dated routers, switches and un-reliable network design.
2. To ensure continuous and uninterrupted flow of services particularly to Fernandino youth.

#### IV.TERMS AND CONDITIONS

During the procurement process and delivery/ implementation of the contract, the end- user and the supplier/ contractor shall:

##### a. Specifications/ Schedule of Requirements

Qty.	Unit	Item Description/ Specifications	Delivery Date	Location
1	lot	Network Connectivity Equipment 1 Unit Unifi Dream Machine PRO • Runs every UniFi OS application • including the pre-installed UniFi Network • 8-port switch with 1GbE RJ45 and 10G SFP+ ports • Integrated security gateway and UniFi Protect-ready • network video recorder that supports compatible 3.5" HDDs • Enterprise-class internet threat management	30 days upon the approval of the NTP	CGSO Central Storage, CSFP



	<ul style="list-style-type: none"> <li>• deep packet inspection, and WiFi AI functionality</li> <li>• Powered by a fast, 1.7 GHz quad-core processor</li> <li>• 1U-sized, rack-mountable console</li> <li>• Allows you to easily scale your deployment by</li> <li>• connecting additional UniFi devices</li> </ul> <p>1 Unit UniFi Cloudkey</p> <ul style="list-style-type: none"> <li>• Processor: APQ8053 8-Core with 3 GB of RAM</li> <li>• 1TB 2.5" SATA HDD (Upgradeable)</li> <li>• 802.3af PoE   QuickCharge 2.0 USB Type-C</li> <li>• 1 x 10/100/1000 Mb/s Ethernet Port</li> <li>• 2 x USB Type-C Ports</li> <li>• Device Capacity UniFi Protect Mode</li> <li>• Up to 20 UniFi cameras</li> <li>• UniFi SDN + Protect</li> <li>• Up to 15 UniFi cameras and 50 UniFi devices</li> </ul> <p>1 Unit UniFi USW Pro</p> <ul style="list-style-type: none"> <li>• Ubiquiti USW-Pro-48-POE</li> <li>• UniFi Layer 3 PoE switch with (48) GbE RJ45 ports, including (40) 802.3at PoE ports and (8) 802.3bt PoE++ ports, and (4) 10G SFP+ ports.</li> <li>• Uil Ubiquiti USW 48</li> </ul> <p>15 Units UniFi Access Point</p> <ul style="list-style-type: none"> <li>• Dual-band WiFi 6 (802.11ax)</li> <li>• 5 GHz (4x4 MU-MIMO and OFDMA) band with a 4.8 Gbps throughput rate</li> <li>• 2.4 GHz (2x2 MU-MIMO and OFDMA) band with a 573.5 Mbps throughput rate</li> <li>• Operates at full 4x4 MIMO with 160 MHz bandwidth</li> <li>• 300+ concurrent client capacity • Guest Traffic Isolation, Wireless network security and lowers traffic congestion</li> <li>• Included universal mounting plate, backing plate, and screw kit • Dimensions: 0197 × 35 mm (07.76 x 1.38")</li> <li>• Weight Without mount: 460 g (1.01 lb)</li> <li>• With mount: 600 g (1.32 lb)</li> <li>• Enclosure material: Plastic</li> </ul>		
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	<ul style="list-style-type: none"> <li>• Mounting material: S0CC steel</li> <li>• Weatherproofing: IPS4</li> <li>• WiFi standards: 802.11a/b/g</li> <li>• WiFi: 4/WiFi 5/WiFi 6</li> <li>• Wireless security: WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)</li> <li>• BSSID: 8 per radio</li> <li>• VLAN: 802.1Q</li> <li>• Advanced QoS: Per-user rate limiting</li> </ul> <p>1 Pc Data Cabinet 42U</p> <ul style="list-style-type: none"> <li>• W-800mm</li> <li>• D-800mm</li> <li>• H-2,055 mm (6' 9")/inches</li> <li>• Front mesh door and Rear mesh door with three fixed shelves</li> <li>• 4 fans (4) with two vertical cable managers</li> <li>• 1pc 8way PDU</li> </ul> <p>10 Boxes UTP Cable Cat 6</p> <ul style="list-style-type: none"> <li>• Series 7965E</li> <li>• Length 305m</li> <li>• LAN Category Cat6</li> <li>• Terminated/Unterminated</li> <li>Unterminated</li> <li>• Shield Type U/UTP</li> <li>• Shielded/Unshielded</li> <li>Unshielded</li> <li>• CPR Certification Eca</li> <li>• Outer Sheath Material PVC</li> <li>• Sheath Color Blue</li> <li>• Fire Behavior Flame Retardant</li> <li>• American Wire Gauge 23 AWG</li> <li>• Capacitance 56 pF/m, 1600pF/m</li> <li>• Current Rating 1.5 A</li> <li>• Voltage Rating 72 V</li> <li>• Conductor Strand Type Solid</li> <li>• Outer Diameter 5.7mm</li> <li>• Cable Shape Twisted Pair</li> <li>• Standards Met ANSI/TIA/EIA 568-C.2 (2009) EAC, EN 50173, IC 60332-1, ISO/EC 11801 2nd edition (2002) ISO/EC 11801 Amendment 2 (2010)</li> <li>• With 200 pcs RJ45</li> </ul> <p>5 Units Dual Band WiFi 6 router</p> <ul style="list-style-type: none"> <li>• Network Standard IEEE 802.11a /IEEE 802.11b / IEEE 802.11g WiFi 4 (802.11n) / WiFi 5 (802.11ac) / WiFi 6 (802.11ax) IPv4 / IPv6</li> <li>• Product Segment AX6000</li> <li>ultimate AX performance: 1148+4804 Mbps</li> </ul>		
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	<ul style="list-style-type: none"> <li>• WiFi Data Rate 802.11a: up to 54 Mbps / 802.11b : up to 11 Mbps 802.11g: up to 54 Mbps / WiFi 6 (802.11ax) (2.4GHz) : up to 1148 Mbps WiFi 6 (802.11ax) (5GHz) : up to 4804 Mbps</li> <li>• Antenna External antenna x 6</li> <li>• Transmit and Receive 2.4GHz. 4x4 / 5GHz 4x4</li> <li>• Processor 2.0 GHz quad-core processor</li> <li>• Memory 256 MB Flash / 512 MB RAM</li> <li>• Boosts Speed OFDMA (Orthogonal Frequency Division Multiple Access) Beamforming: standard-based and universal 1024-QAM high data rate 20/40/80/160 MHz bandwidth Operating Frequency 2.4GHz / 5GHz</li> <li>• Operating Mode Wireless router mode / Access point mode / Media bridge mode</li> <li>• I/O Ports RJ45 for 2.5 Gigabits BaseT for WAN x 1, RJ45 for 2.5 Gigabits BaseT for LAN x 1, RJ45 for Gigabits BaseT for LAN x 4, USB 3.2 Gen 1 x 1</li> <li>• Buttons WPS Button, Reset Button, Power Button</li> <li>• LED Indicator Power x 1 / Wi-Fi x 1 / 1G LAN x 4 / 2.5G WAN x 1 / 2.5G LAN x 1</li> <li>• Power Supply AC Input : 100V-240V (50-60Hz) DC Output : 12 V with max. 2.5 A current</li> <li>• Package Content Dual Band WiFi 6 router RJ-45 cable / Power adapter / Warranty</li> <li>Product Weight (g) 696g</li> </ul>		
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b. Procurement Process

1. For the End- user, ensure the completion of the documents in order to proceed with the procurement process.
2. For the supplier/ provider, ensure the completeness of the documents being required by the Bids and Awards Committee (BAC) for the procurement process on- time based on the procurement schedule including this TOR duly signed by the end- user and conformed by the supplier/ contractor.
3. If the procurement process reaches the ensuing year, observe that the allowed transaction is only up to what is stipulated in the contract.
4. For the End- user, present clearly this TOR during the Pre- Bid Conference for the information of the prospective bidder/s (for Competitive/ Public Bidding), and present by the Buyer with the assistance of the End- user (for Alternative Methods of Procurement).
5. Ensure to supply the requirements upon issuance of DOC.



6. Comply with the provisions of the Procurement Law regardless of the mode of procurement, whether Competitive/ Public Bidding or the use of Alternative Methods of Procurement.
- c. Delivery/ Implementation period
1. Strictly observe the "No Purchase Order (PO)/ Contracts, No Delivery" Policy and comply with the delivery period.
  2. The Delivery Period shall be 30 days upon the approval of the NTP.
  3. During the delivery, strictly follow the provisions enumerated in the Terms and Condition of the PO/ Contract including the Delivery Schedule, Penalty, among others.
  4. In case there is a change in the Delivery Schedule and specifications, the End- user through the Procurement Officer shall coordinate with the CGSO- Procurement Management Division (PMD) for the latter to advise the supplier/ contractor regarding the concern.
  5. Coordination with the supplier/ contractor shall be the function of the CGSO- PMD as its mandate.

For onsite delivery, ensure the coordination with the Inspector from the CGSO- Property and Supply Management Division (PSMD) for the inspection of the delivery in terms of quantity and quality of meals and to immediately notify the supplier/ contractor in case of any concerns before the acceptance.

d. Inspection and Acceptance

1. The CGSO- PSMD shall inspect and accept the delivery.
2. The supplier/contractor shall present the PO and issue Sales Invoice.
3. The CGSO- PSMD shall prepare the corresponding Inspection and Acceptance Report/s.

Such documents will be used in notifying the concerned offices on the delivery such as the City Accountant's Office (CAccO) and Commission on Audit (COA) to include the same in the Payables.

**V.DELIVERABLES BY THE SUPPLIER/ CONTRACTOR AND THE CITY GOVERNMENT**

The deliverables of the supplier/ contractor shall be as follows:

- a. Provide the quantity of the network connectivity equipment with the stated specifications being required by the project/ program; and
- b. Strictly follow the specifications and timely provision of requirements based on the delivery schedule.

The deliverables of the City Government shall be as follows:


- a. On- time payment of the supplier/ contractor i.e., 15 days after the delivery.
- b. End- user shall monitor the delivery.
- c. The Procurement Officer shall assist in the monitoring and on- time payment of the supplier/ contractor.
- d. Provide necessary and readily- available documents such as during the conduct of post- audit.
- e. Evaluate the performance of the supplier/ contractor and in case there is a violation to the Contract/ Agreement, prepare a Verified Report.



Prepared by

  
**EMILJET LAXINA, CPA MM**  
Supervising Administrative Officer VI

CONFORME
_____ Signature over Printed Name
_____ Date



Approved by

  
**ATTY. GLORIA J. VICTORIA - BAÑAS, DPA, CESO V**  
College Administrator/President

*Note: The TOR shall form part of the Contract and should be strictly followed by both parties otherwise, the implementation of the project/ program might be affected as well as the performance of the supplier/ contractor.*