



BIDS AND AWARDS COMMITTEE (BAC)

Taft Ave. cor. Ayala Blvd., Ermita, Manila

(+632) 5317-1768 loc. 731

[bac.secretariat@pnu.edu.ph](mailto:bac.secretariat@pnu.edu.ph)

NOTICE TO PROCEED

Date: February 05, 2026

**Ms. Jacqui Fernandez**  
**Xymbolic IT Solutions Provider Corporation**  
Stall F1-F3 & F9-F11, City Square Park Arcade  
38 Magsaysay Dr. East Tapinac Olongapo City  
09190083853  
[jfernandez@xymbolic.com.ph](mailto:jfernandez@xymbolic.com.ph)

Dear Ms. Fernandez:

Following the approval of the attached Purchase Order, this notice serves to inform you that you may now proceed with the project titled "**Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building,**" effective upon receipt of this notice.

Upon acknowledging receipt, you are required to perform the services outlined in the Agreement and in accordance with the Implementation Schedule.

Please confirm your receipt and acceptance of this notice by signing both copies in the designated spaces below. Kindly retain one copy for your records and return the other to the Chair of the Bids and Awards Committee.

We look forward to your prompt action in moving the project forward.

Very truly yours,  
By Authority of the Board of Regents

  
BERT J. TUGA  
President

I acknowledge receipt of this Notice on (date of receipt) FEB. 05, 2026

Name of the Representative of the Bidder: Jacqueline A. Fernandez

Authorized Signature: 

(All documents without PNU QS Stamp or Control Identifier are uncontrolled)





**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier:	<b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.:	<b>26-01-0001</b>
Address:	<b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date:	<b>February 05, 2026</b>
TIN :	<b>739-829-004-000</b>	Mode of Procurement:	<b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery:	<b>PNU Manila - Supply and Property Unit</b>	Delivery Term:	<b>within 60 calendar days</b>
Date of Delivery:		Payment Term:	

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
	unit	<p align="center"><b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b></p> <p><b>CloudEngine S6730-H24XGC-V2(C13_North America)_Core Switch</b></p> <p><b>Technical Specifications:</b></p> <ul style="list-style-type: none"> <li>•Dual pluggable power modules, 1+1 power backup</li> <li>•Forwarding performance: 490 Mpps</li> <li>•Switching capacity: 1.68Tbps/2.4Tbps</li> </ul> <p><b>Hardware Specifications:</b></p> <p><b>Fixed Port:</b></p> <ul style="list-style-type: none"> <li>•GE port: 24(GE and 10GE auto-sensing)</li> <li>•40GE port: 6</li> </ul> <p><b>Management Port:</b></p> <ul style="list-style-type: none"> <li>•ETH management port</li> <li>•Console port (RJ45)</li> <li>•USB 2.0</li> </ul> <p><b>CPU:</b></p> <ul style="list-style-type: none"> <li>•Frequency: 1.4 GHz</li> <li>•Cores: 4</li> </ul> <p><b>Memory:</b></p> <ul style="list-style-type: none"> <li>•Memory (RAM): 4GB</li> <li>•Flash: Hardware: 2 GB</li> </ul> <p><b>Functions and Features:</b></p> <p align="right"><i>Page 1 of 21</i></p>	1	₱259,890.00	₱259,890.00
					<p><i>References:</i>                  BAC Sol# GD 2025-11-125                  PR# 25-10-2393                  Ref# 12559827</p>

(Total Amount in Words) **₱259,890.00**

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

**Jacqueline A. Fernandez**  
 Signature over Printed Name of Supplier  
  
 Date

Very truly yours,  
  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b> <p align="center">   <b>ARGEA LINDA PALABRICA</b>                      Accountant III                 </p>	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
---	---



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier:	<b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.:	<b>26-01-0001</b>
Address:	<b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date:	<b>February 05, 2026</b>
TIN :	<b>739-829-004-000</b>	Mode of Procurement:	<b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery:	<b>PNU Manila - Supply and Property Unit</b>	Delivery Term:	<b>within 60 calendar days</b>
Date of Delivery:		Payment Term:	

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of            Network Infrastructure Upgrade of            Faculty Center Building</u></b>	Balance Forwarded		₱259,890.00
		<i>User Management:</i> <ul style="list-style-type: none"> <li>•Unified user management which can authenticate via 802.1X or MAC</li> <li>•Traffic and Duration accounting</li> <li>•Group, Domain, and Time-based authorization</li> </ul> <i>MAC:</i> <ul style="list-style-type: none"> <li>•Automatic MAC address learning and aging</li> <li>•Up to 384K MAC entries (MAX)</li> <li>•Static, dynamic, and blackhole MAC address entries</li> <li>•Source MAC address filtering</li> <li>•MAC address learning limiting based on ports and VLANs</li> </ul> <i>VLAN:</i> <ul style="list-style-type: none"> <li>•Up to 4K VLANs and 4K VLAN if interface simultaneously</li> <li>•Access, Trunk, and Hybrid modes</li> <li>•Default VLAN</li> <li>•Private VLAN</li> <li>•QinQ and enhanced selective QinQ</li> <li>•VLAN Stacking</li> <li>•Dynamic VLAN assignment based on MAC addresses</li> <li>•LNP, VCMP and GVRP, GARP</li> </ul> <i>ARP:</i> <ul style="list-style-type: none"> <li>•ARP Snooping</li> </ul>			
		<i>Page 2 of 21</i>			
				<i>References:</i> BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827	

(Total Amount in Words) ₱259,890.00

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

**Jacqueline A. Fernandez**

Signature over Printed Name of Supplier

**Feb. 5, 2026**  
 Date

Very truly yours,

**BERT J. TUGA**  
 President

Funds Cluster:  
 Funds Available: **₱2,443,182.34**

**ARGEA LINN B. PALABRICA**  
 Accountant III

ORS/BURS No.: **02-01101101-2025-12-1963**  
 Date of ORS/BURS: **12/26/2025**  
 Amount: **₱ 2,443,182.34**



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier:	<b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.:	<b>26-01-0001</b>
Address:	<b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date:	<b>February 05, 2026</b>
TIN :	<b>739-829-004-000</b>	Mode of Procurement:	<b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery:	<b>PNU Manila - Supply and Property Unit</b>	Delivery Term:	<b>within 60 calendar days</b>
Date of Delivery:		Payment Term:	

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b>	Balance Forwarded		₱259,890.00
		DHCP: •DHCPv4 Client, DHCPv4 Relay, DHCPv4 Server, DHCPv4 Snooping IP routing: •IPv4: RIP v1/v2, OSPF v1/v2, IS-IS, BGP •IPv6: RIPng, OSPFv3, ISISv6, BGP4+ •Routing Policy, Policy-Based Routing •VRF •Up to 256K FIBv4 entries •Up to 80K FIBv6 entries Segment Routing: •SRv6 BE (L3 EVPN) •BGP EVPN Multicast: •IGMPv1-v3 and IGMP v1-v3 Snooping •PIM-DM, PIM-SM, and PIM-SSM •Multicast Fast-leave mechanism, traffic control, querier, protocol packet suppression Ethernet loop protection: •STP, RSTP, and MSTP •VLAN-based Spanning Tree (VBST) •BPDU, root, and loop protection •G.8032 Ethernet Ring Protection Switching (ERPS)			
		Page 3 of 21		References:	
				BAC Sol# GD 2025-11-125	
				PR# 25-10-2393	
				Ref# 12559827	

(Total Amount in Words) ₱259,890.00

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

**Jacqueline A. Fernandez**

Signature over Printed Name of Supplier

Date

Feb. 5, 2026

Very truly yours,

**BERT J. TUGA**  
 President

Funds Cluster:  
 Funds Available: **₱2,443,182.34**

**ARGEA LINN P. PALABRICA**  
 Accountant III

ORS/BURS No.: **02-01101101-2025-12-1963**  
 Date of ORS/BURS: **12/26/2025**  
 Amount: **₱ 2,443,182.34**



**PURCHASE ORDER**  
 PHILIPPINE NORMAL UNIVERSITY  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

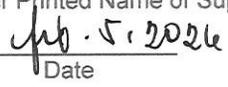
Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of                      Network Infrastructure Upgrade of                      Faculty Center Building</u></b>	Balance Forwarded		₱259,890.00
		<i>Reliability:</i> <ul style="list-style-type: none"> <li>•M-LAG</li> <li>•Service interface-based stacking</li> <li>•Stack bandwidth (Bidirectional)</li> <li>•Link Aggregation Control Protocol (LACP) and E-Trunk</li> <li>•Virtual Router Redundancy Protocol (VRRP) and Bidirectional Forwarding Detection (BFD) for VRRP</li> <li>•BFD for BGP/IS-IS/OSPF/static routes</li> <li>•Eth-OAM 802.1ag (CFM)</li> <li>•LLDP, LLDP-MED</li> </ul> <i>System management:</i> <ul style="list-style-type: none"> <li>•Console, Telnet/IPv6 Telnet, SSH v1.5/v2.0</li> <li>•SNMP v1/v2c/v3, sFlow, Telemetry</li> <li>•FTP, TFTP, SFTP</li> <li>•BootROM upgrade and remote in-service upgrade, Hot patch</li> <li>•User operation logs</li> <li>•Open Programmability System (OPS)</li> <li>•JSON/XML/GPB encoding</li> <li>•CRUD (create, read, update, and delete) Operations</li> <li>•1588v2</li> </ul> <i>Security and management:</i> <ul style="list-style-type: none"> <li>•NAC, Port security, RADIUS and HWTACACS authentication</li> </ul>			<i>References:</i> BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827
<i>Page 4 of 21</i>					

(Total Amount in Words) ₱259,890.00

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
**Jacqueline A. Fernandez**  
 Signature over Printed Name of Supplier  
  
 Date

Very truly yours,

  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEALIN PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
--	---



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b>			<b>Balance Forwarded</b>
		<ul style="list-style-type: none"> <li>•MACsec-256 (IEEE 802.1ae)*</li> <li>•Command line management and authority control based on user levels</li> <li>•Defense against DoS attacks, Transmission Control Protocol (TCP) SYN Flood attacks, User Datagram Protocol (UDP) Flood attacks, broadcast storms, and heavy traffic attacks</li> <li>•IPv6 RA Guard, IP Source Guard</li> <li>•CPU hardware queues to with hierarchical scheduling and protection for protocol packets</li> <li>•Remote Network Monitoring (RMON)</li> <li>•Secure boot</li> <li>•Network Flow Monitoring Technology</li> <li>•Port mirroring</li> <li>•Dynamic ARP Inspection</li> <li>•Auto MDI and MDI-X</li> </ul>			<b>₱259,890.00</b>
	units	CloudEngine S5735-L48PN4XE-A-V2(C13_North America)_1_Access Switch	2	₱280,999.00	₱561,998.00
	unit	CloudEngine S5735-L48PN4XE-A-V2(C13_North America)_1_Access Switch Spare	1	₱140,897.00	₱140,897.00
		<b>Technical Specifications:</b> <ul style="list-style-type: none"> <li>•1 pluggable power supply</li> <li>•Forwarding performance: 276 Mpps</li> </ul>			References: BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827
		<i>Page 5 of 21</i>			

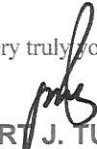
(Total Amount in Words) **₱962,785.00**

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
**Jacqueline A. Fernandez**  
 Signature over Printed Name of Supplier  
 Feb. 5, 2026  
 Date

Very truly yours,

  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEA LINMIP PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
--	---



**PURCHASE ORDER**  
 PHILIPPINE NORMAL UNIVERSITY  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of                      Network Infrastructure Upgrade of                      Faculty Center Building</u></b>  •Switching capacity: 368 Gbps/520 Gbps <b>Hardware Specifications:</b> <i>Fixed Port</i> •10/100/1000/2.5G Base-T ports: 48(PoE+) •10GE SFP+ port: 4 •12GE stack port: 2 <i>Management Port</i> •Console, ETH management port <i>CPU</i> •Frequency: 1.1 GHz •Cores: 2 <i>Memory</i> •Memory (DRAM): 2GB <b>Functions and Features:</b> <i>MAC:</i> •MAC address learning and aging •Up to 32K MAC entries •Static, dynamic, and blackhole MAC address entries •Source MAC address filtering •Interface-based MAC learning limiting <i>VLAN:</i>	Balance Forwarded		₱962,785.00
Page 6 of 21					<i>References:</i> BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827

(Total Amount in Words) ₱962,785.00

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

**Jacqueline A. Fernandez**  
 Signature over Printed Name of Supplier  
  
 Date

Very truly yours,  
  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEA LINN P. PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
---	---



**PURCHASE ORDER**  
 PHILIPPINE NORMAL UNIVERSITY  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

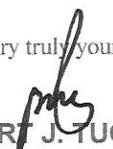
Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of                      Network Infrastructure Upgrade of                      Faculty Center Building</u></b>	<b>Balance Forwarded</b>		<b>₱962,785.00</b>
		<ul style="list-style-type: none"> <li>•Up to 4K VLANs and 1K VLAN if interface simultaneously</li> <li>•Voice VLAN</li> <li>•MUX VLAN</li> <li>•VLAN Stacking, VLAN Mapping</li> <li>•LNP, VCMP, GVRP</li> </ul> <p><i>Ethernet loop protection:</i></p> <ul style="list-style-type: none"> <li>•ERPS (G.8032)</li> <li>•STP, RST, and MSTP</li> <li>•BPDU, root, and loop protection, BPDU tunnel</li> <li>•LLDP, LLDP-MED</li> </ul> <p><i>Probe protocol:</i></p> <ul style="list-style-type: none"> <li>•Supports LBDT, L2PT, and DLDP</li> <li>•Supports 802.1ag, 802.3ah, and Y.1731</li> </ul> <p><i>Multicast:</i></p> <ul style="list-style-type: none"> <li>•PIM DM, PIM SM, PIM SSM</li> <li>•IGMPv1/v2/v3, IGMPv1/v2/v3 snooping, MLD snooping</li> <li>•Multicast load balancing among member ports of a trunk</li> <li>•Interface-based multicast traffic statistics</li> <li>•Multicast VLAN, Multicast Static MAC</li> </ul> <p><i>IP Routing:</i></p> <ul style="list-style-type: none"> <li>•RIP, RIPng, OSPFv2, OSPFv3, VRRPv4, VRRPv6</li> </ul>			
		<i>Page 7 of 21</i>			
				<p><i>References:</i>                      BAC Sol# GD 2025-11-125                      PR# 25-10-2393                      Ref# 12559827</p>	
(Total Amount in Words)					<b>₱962,785.00</b>

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
**Jacqueline A. Fernandez**  
 Signature over Printed Name of Supplier  
 Feb. 5, 2026  
 Date

Very truly yours,

  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEA LINN PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
--	---



**PURCHASE ORDER**  
 PHILIPPINE NORMAL UNIVERSITY  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of                      Network Infrastructure Upgrade of                      Faculty Center Building</u></b>	Balance Forwarded		₱962,785.00
		<ul style="list-style-type: none"> <li>•Static route, Routing Policy, Policy-Based Routing</li> <li>•Up to 4096 FIBv4 entries</li> <li>•Up to 1024 FIBv6 entries</li> </ul> Reliability: <ul style="list-style-type: none"> <li>•LACP</li> <li>•VRRP</li> <li>•BFD</li> <li>•LLDP</li> </ul> Security: <ul style="list-style-type: none"> <li>•Hierarchical user management and password protection</li> <li>•DoS attack defense, ARP attack defense, and ICMP attack defense</li> <li>•Binding of the IP address, MAC address, interface number, and VLAN ID</li> <li>•Port isolation, port security, and sticky MAC</li> <li>•Blackhole MAC address entries</li> <li>•Limit on the number of learned MAC addresses</li> <li>•IEEE 802.1x authentication and limit on the number of users on an interface</li> <li>•Portal authentication</li> <li>•AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC</li> <li>•SSH V2.0</li> <li>•Hypertext Transfer Protocol Secure (HTTPS)</li> <li>•CPU defense</li> </ul>			
		<i>Page 8 of 21</i>			References: BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827

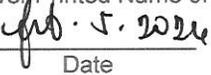
(Total Amount in Words) ₱962,785.00

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
**Jacqueline A. Fernandez**  


---

 Signature over Printed Name of Supplier  
  
 Date

Very truly yours,  
  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEA LINN P. PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
---	---



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

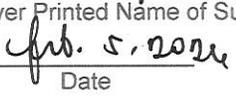
Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery: _____	Payment Term: _____

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b>	<b>Balance Forwarded</b>		<b>₱962,785.00</b>
		<ul style="list-style-type: none"> <li>•Blacklist and whitelist</li> <li>•DHCP client, DHCP relay, DHCP server, DHCP snooping</li> <li>•DHCPv6 client, DHCPv6 relay</li> </ul> <p><i>Management and Maintenance:</i></p> <ul style="list-style-type: none"> <li>•Stack bandwidth: 80Gbps</li> <li>•Fast stack upgrade</li> <li>•Virtual Cable Test (VCT)</li> <li>•Remote configuration and maintenance using Telnet</li> <li>•SNMPv1/v2/v3</li> <li>•web-based NMS</li> <li>•HTTPS</li> <li>•LLDP/LLDP-MED</li> <li>•System logs and multi-level alarms</li> <li>•802.3az EEE</li> <li>•Port Mirroring</li> <li>•GVRP</li> </ul>			
	unit	<b>AC6508(C7_North America) V200R024_Access Controller</b> <b>Performance Specifications</b> <ul style="list-style-type: none"> <li>•Managed APs: ≥ 512</li> <li>•Concurrent access users: ≥ 4096</li> </ul>	1	₱124,115.12	₱124,115.12
		<i>Page 9 of 21</i>		<i>References:</i> BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827	
(Total Amount in Words)					<b>₱1,086,900.12</b>

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
**Jacquelin A. Fernandez**  
 Signature over Printed Name of Supplier  
  
 Date

Very truly yours,  
  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEA LINN PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
--	---



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

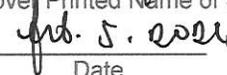
Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p align="center"><b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b></p> <ul style="list-style-type: none"> <li>•MAC address entries: ≥ 8192</li> <li>•Forwarding capability: ≥ 10 Gbit/s</li> <li>•Number of VLANs: ≥ 4096</li> <li>•Routing entries: IPv4: ≥8192; IPv6: ≥2048</li> <li>•Number of ARP entries: ≥ 6144</li> <li>•Multicast forwarding entries: ≥ 2048</li> <li>•DHCP IP address pools: ≥ 64 IP address pools, each with ≥8192 IP addresses</li> <li>•Local accounts: ≥1000</li> <li>•Number of ACLs: ≥ 4096</li> </ul> <p><b>Switching and forwarding features</b></p> <p><i>Ethernet:</i></p> <ul style="list-style-type: none"> <li>•Full duplex, half duplex, and auto-negotiation modes</li> <li>•Rates of an Ethernet interface: 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, and auto-negotiation</li> <li>•Interface Capabilities                             <ul style="list-style-type: none"> <li>oFlow control</li> <li>oJumbo frames</li> <li>oBroadcast storm suppression</li> <li>oInterface isolation/forwarding restriction</li> <li>o802.3az Energy Efficient Ethernet</li> </ul> </li> <li>•Multi-port features                             <ul style="list-style-type: none"> <li>oLoad balancing among links of a trunk</li> </ul> </li> </ul> <p align="center"><i>Page 10 of 21</i></p>	Balance Forwarded		₱1,086,900.12
					<p><i>References:</i>                      BAC Sol# GD 2025-11-125                      PR# 25-10-2393                      Ref# 12559827</p>

(Total Amount in Words) ₱1,086,900.12

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
**Jacqueline A. Fernandez**  
 Signature over Printed Name of Supplier  
  
 Date

Very truly yours,

  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <p align="center"><b>ARGEA LINN P. PALABRICA</b>                  Accountant III</p>	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
---	---



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

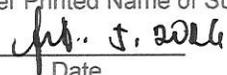
Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p align="center"><b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b></p> <p>oLink aggregation</p> <p><i>VLAN:</i></p> <ul style="list-style-type: none"> <li>•Access modes of access, trunk, and hybrid</li> <li>•Default VLAN</li> <li>•VLAN pool</li> </ul> <p><i>MAC:</i></p> <ul style="list-style-type: none"> <li>•MAC address learning and aging</li> <li>•Static, dynamic, and blackhole MAC address entries</li> <li>•Source MAC address filtering</li> <li>•Interface-based MAC learning limiting</li> </ul> <p><i>ARP:</i></p> <ul style="list-style-type: none"> <li>•Static and dynamic ARP entries</li> <li>•ARP in a VLAN</li> <li>•Aging of ARP entries</li> </ul> <p><i>Ethernet loop protection:</i></p> <ul style="list-style-type: none"> <li>•STP, Partitioned STP, RSTP, MSTP</li> <li>•BPDU, root, and loop protection</li> </ul> <p><i>IPv4 features:</i></p> <ul style="list-style-type: none"> <li>•ARP and RARP</li> <li>•ARP proxy</li> <li>•Auto-detection</li> </ul> <p align="right"><i>Page 11 of 21</i></p>	Balance Forwarded		₱1,086,900.12
					<p><i>References:</i>                      BAC Sol# GD 2025-11-125                      PR# 25-10-2393                      Ref# 12559827</p>

(Total Amount in Words) ₱1,086,900.12

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
**Jacqueline A. Fernandez**  
 Signature over Printed Name of Supplier  
  
 Date

Very truly yours,

  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <p align="center"><b>ARGEA LINN P. PALABRICA</b> Accountant III</p>	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
--	---



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p align="center"><b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b></p> <ul style="list-style-type: none"> <li>•NAT</li> <li>•Bonjour protocol</li> </ul> <p><i>Unicast routing features:</i></p> <ul style="list-style-type: none"> <li>•Static route</li> <li>•RIP-1, RIP-2, OSPF, BGP, IS-IS</li> <li>•Routing policies and policy-based routing</li> <li>•URPF check</li> <li>•DHCP server and relay, DHCP snooping</li> </ul> <p><i>Multicast routing features:</i></p> <ul style="list-style-type: none"> <li>•IGMPv1, IGMPv2, and IGMPv3</li> <li>•PIM-SM</li> <li>•Multicast routing policies</li> <li>•RPF</li> </ul> <p><i>Device reliability:</i></p> <ul style="list-style-type: none"> <li>•BFD</li> </ul> <p><i>Layer 2 multicast:</i></p> <ul style="list-style-type: none"> <li>•IGMP snooping</li> <li>•Prompt leave</li> <li>•Multicast traffic control</li> <li>•Inter-VLAN multicast replication</li> </ul> <p><i>Ethernet OAM:</i></p>	Balance Forwarded		₱1,086,900.12
<i>Page 12 of 21</i>					<p><i>References:</i>                  BAC Sol# GD 2025-11-125                  PR# 25-10-2393                  Ref# 12559827</p>

(Total Amount in Words) **₱1,086,900.12**

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

Jacqueline M. Fern

Signature over Printed Name of Supplier

Feb. 5, 2026  
 Date

Very truly yours,

**BERT J. TUGA**  
 President

Funds Cluster:  
 Funds Available: **₱2,443,182.34**

**ARGEA LINN P. PALABRICA**  
 Accountant III

ORS/BURS No.: **02-01101101-2025-12-1963**  
 Date of ORS/BURS: **12/26/2025**  
 Amount: **₱ 2,443,182.34**



**PURCHASE ORDER**  
 PHILIPPINE NORMAL UNIVERSITY  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p align="center"><b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b></p> <ul style="list-style-type: none"> <li>•Neighbor discovery</li> <li>•Link monitoring</li> <li>•Fault notification</li> <li>•Remote loopback</li> </ul> <p><i>QoS features:</i></p> <ul style="list-style-type: none"> <li>•Traffic classification based on the combination of the L2 protocol header, IP 5-tuple, and 802.1p priority</li> <li>•Access control after traffic classification</li> <li>•Traffic policing based on traffic classification</li> <li>•Re-marking packets based on traffic classifiers</li> <li>•Class-based packet queuing</li> <li>•Associating traffic classifiers with traffic behaviors</li> <li>•Congestion avoidance: SRED, WRED</li> </ul> <p><i>Configuration and maintenance:</i></p> <ul style="list-style-type: none"> <li>•Configurations using command lines</li> <li>•Error message and help information in English</li> <li>•Login through console and Telnet terminals</li> <li>•Send function and data communications between terminal users</li> <li>•File systems</li> <li>•Directory and file management</li> <li>•File uploading and downloading using FTP and TFTP</li> <li>•Unified management over logs, alarms, and debugging information</li> </ul> <p align="center"><i>Page 13 of 21</i></p>	Balance Forwarded		₱1,086,900.12

*References:*  
 BAC Sol# GD 2025-11-125  
 PR# 25-10-2393  
 Ref# 12559827

(Total Amount in Words) ₱1,086,900.12

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

**Jacqueline A. Fernandez**  
 \_\_\_\_\_  
 Signature over Printed Name of Supplier  
  
 \_\_\_\_\_  
 Date

Very truly yours,  
  
**BERT J. TUGA**  
 President

Funds Cluster:  
 Funds Available: **₱2,443,182.34**

**ARGEA LINN C. PALABRICA**  
 Accountant III

ORS/BURS No.: **02-01101101-2025-12-1963**  
 Date of ORS/BURS: **12/26/2025**  
 Amount: **₱ 2,443,182.34**



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p align="center"><b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b></p> <ul style="list-style-type: none"> <li>•Electronic labels</li> <li>•User operation logs</li> <li>•Detailed debugging information for network fault diagnosis</li> <li>•Network test tools such as traceroute and ping commands</li> <li>•Intelligent diagnosis</li> <li>•Interface mirroring and flow mirroring</li> </ul> <p><i>Security and management:</i></p> <ul style="list-style-type: none"> <li>•ICMP-based ping and traceroute</li> <li>•SNMPv1, SNMPv2c, and SNMPv3</li> <li>•Standard MIB</li> <li>•RMON</li> <li>•Packet Conservation Algorithm for Internet 2.0 (iPCA 2.0), flow detection based on applications, 5-tuple, and flows</li> <li>•Different user levels for commands, preventing unauthorized users from accessing device</li> <li>•SSHv2.0</li> <li>•RADIUS and HWTACACS authentication</li> <li>•ACL filtering</li> <li>•DHCP packet filtering</li> <li>•Local attack defense function that can protect the CPU and ensure that the CPU can process services</li> <li>•Defense against control packet attacks</li> <li>•IPSec</li> </ul> <p align="center"><i>Page 14 of 21</i></p>	Balance Forwarded		₱1,086,900.12

*References:*  
 BAC Sol# GD 2025-11-125  
 PR# 25-10-2393  
 Ref# 12559827

(Total Amount in Words) ₱1,086,900.12

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

**Jacqueline A. Fernandez**  


---

 Signature over Printed Name of Supplier  
  
 Date

Very truly yours,  
  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEA LINN PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
--	---



**PURCHASE ORDER**  
 PHILIPPINE NORMAL UNIVERSITY  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b>			<b>Balance Forwarded</b> ₱1,086,900.12
		<ul style="list-style-type: none"> <li>•Defenses against attacks such as source address spoofing, Land, SYN flood (TCP SYN), Smurf, ping flood (ICMP echo), Teardrop, broadcast flood, and Ping of Death attacks</li> <li>•URL filtering</li> <li>•Antivirus</li> <li>•Intrusion prevention</li> </ul>			
	units	<b>AirEngine 6776-58TI_AP</b> <b>Hardware Specifications</b> Interface Type: <ul style="list-style-type: none"> <li>•1 x 100M/1GE/2.5GE (RJ-45)</li> <li>•1 x USB port</li> </ul> Bluetooth: BLE 5.4 Nearlink: SLE 1.0 LED indicator: Indicates the power-on, startup, running, alarm, and fault states of the system. Antenna type: Built-in smart antennas Antenna gain: <ul style="list-style-type: none"> <li>•2.4 GHz: 4 dBi;</li> <li>•5 GHz: 5 dBi</li> </ul> Maximum number of SSIDs for each radio: 15 Maximum transmit power:	30	₱35,009.00	₱1,050,270.00
		Page 15 of 21			References: BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827

(Total Amount in Words) ₱2,137,170.12

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

**Jacqueline A. Fernandez**  
 Signature over Printed Name of Supplier  
 Date: Feb 5, 2026

Very truly yours,  
  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEA LINN PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
--	---



**PURCHASE ORDER**  
 PHILIPPINE NORMAL UNIVERSITY  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p align="center"><b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b></p> <ul style="list-style-type: none"> <li>•2.4G: 23 dBm (combined power)</li> <li>•5G: 23 dBm (combined power)</li> </ul> <p><i>Frequency bands:</i></p> <ul style="list-style-type: none"> <li>•2.400 to 2.4835 GHz ISM</li> <li>•5.150 to 5.250 GHz U-NII-1</li> <li>•5.250 to 5.350 GHz U-NII-2A</li> <li>•5.470 to 5.725 GHz U-NII-2C</li> <li>•5.725 to 5.850 GHz U-NII-3/ISM</li> </ul> <p><b>Functions and Features</b></p> <p><i>WLAN features:</i></p> <ul style="list-style-type: none"> <li>•IEEE 802.11be compliant and IEEE 802.11a/b/g/n/ac/ax compatible</li> <li>•Maximum ratio combining (MRC)</li> <li>•Space time block code (STBC)</li> <li>•Cyclic Delay Diversity (CDD)/Cyclic Shift Diversity (CSD)</li> <li>•Beamforming/TxBF</li> <li>•Multi-user multiple-input multiple-output (MU-MIMO)</li> <li>•Orthogonal frequency division multiple access (OFDMA)</li> <li>•Preamble puncturing</li> <li>•BSS Color</li> <li>•TWT</li> <li>•Low-density parity-check (LDPC)</li> </ul> <p align="center"><i>Page 16 of 21</i></p>	Balance Forwarded		₱2,137,170.12
					<p><i>References:</i>                  BAC Sol# GD 2025-11-125                  PR# 25-10-2393                  Ref# 12559827</p>

(Total Amount in Words) ₱2,137,170.12

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
**Jacqueline A. Fernandez**  
 Signature over \_\_\_\_\_  
 Date Feb. 5, 2026

Very truly yours,  
  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEA LINA P. PALABRICA</b> Accountant III	ORS/BURS No.: <u>02-01101101-2025-12-1963</u> Date of ORS/BURS: <u>12/26/2025</u> Amount: <b>₱ 2,443,182.34</b>
---	---



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p align="center"><b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b></p> <ul style="list-style-type: none"> <li>•4096-quadrature amplitude modulation (QAM) with compatibility down to binary phase shift keying (BPSK)</li> <li>•Frame aggregation, including A-MPDU (Tx/Rx) and A-MSDU (Tx/Rx)</li> <li>•802.11 dynamic frequency selection (DFS)</li> <li>•Short guard interval (GI) in 20 MHz, 40 MHz, 80 MHz, 160 MHz modes</li> <li>•Wi-Fi multimedia (WMM)</li> <li>•WLAN channel management and channel rate adjustment</li> <li>•Automatic channel scanning and interference avoidance</li> <li>•SSID broadcast control (hide/show per SSID/AP)</li> <li>•Signal sustain technology (SST)</li> <li>•Unscheduled automatic power save delivery (U-APSD)</li> <li>•Multi-user call admission control (CAC)</li> <li>•802.11k and 802.11v smart roaming</li> <li>•802.11r fast roaming (≤ 50 ms)</li> </ul> <p><i>Network features:</i></p> <ul style="list-style-type: none"> <li>•Compliance with IEEE 802.3ab</li> <li>•Auto-negotiation of speed/duplex mode, and automatic switchover between (MDI) and Media Dependent Interface Crossover (MDI-X)</li> <li>•Compatibility with IEEE 802.1Q</li> <li>•SSID-based VLAN assignment</li> <li>•Link Aggregation (LAG)</li> </ul> <p align="center"><i>Page 17 of 21</i></p>	Balance Forwarded		₱2,137,170.12
					<i>References:</i> BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827

(Total Amount in Words) ₱2,137,170.12

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

Jacqueline A. Fernandez

Signature over Printed Name of Supplier

Date

Very truly yours,

**BERT J. TUGA**  
 President

Funds Cluster:  
 Funds Available: **₱2,443,182.34**

**ARGEA LINN P. PALABRICA**  
 Accountant III

ORS/BURS No.: **02-01101101-2025-12-1963**  
 Date of ORS/BURS: **12/26/2025**  
 Amount: **₱ 2,443,182.34**



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier:	<b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.:	<b>26-01-0001</b>
Address:	<b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date:	<b>February 05, 2026</b>
TIN :	<b>739-829-004-000</b>	Mode of Procurement:	<b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery:	<b>PNU Manila - Supply and Property Unit</b>	Delivery Term:	<b>within 60 calendar days</b>
Date of Delivery:		Payment Term:	

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p align="center"><b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b></p> <ul style="list-style-type: none"> <li>•Management channel of the AP's uplink port in tagged and untagged modes</li> <li>•DHCP client, obtaining IP addresses through DHCP</li> <li>•Tunnel data forwarding and direct data forwarding</li> <li>•STA isolation in the same VLAN</li> <li>•IPv4/IPv6 access control list (ACL)</li> <li>•Link Layer Discovery Protocol (LLDP)</li> <li>•Service holding when CAPWAP link disconnection in direct data forwarding mode</li> <li>•Unified authentication on the AC</li> <li>•AC dual-link backup</li> <li>•Telemetry</li> <li>•MESH</li> <li>•IPv6 SAVI</li> </ul> <p>QoS features:</p> <ul style="list-style-type: none"> <li>•WMM power save</li> <li>•Priority mapping for upstream packets and flow-based mapping for downstream packets</li> <li>•Queue mapping and scheduling</li> <li>•User-based bandwidth limiting</li> <li>•Adaptive bandwidth management</li> <li>•Application identification and QoS classification</li> <li>•Airtime scheduling</li> <li>•Air interface HQoS scheduling</li> </ul> <p align="center"><i>Page 18 of 21</i></p>	Balance Forwarded		₱2,137,170.12
					References: BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827

(Total Amount in Words) ₱2,137,170.12

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

**Jacqueline A. Hernandez**  
 Signature over Printed Name of Supplier  
 Feb. 5, 2026  
 Date

Very truly yours,  
  
**BERT J. TUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>  <b>ARGEA LINN P. PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
---	---



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier:	<b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.:	<b>26-01-0001</b>
Address:	<b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date:	<b>February 05, 2026</b>
TIN :	<b>739-829-004-000</b>	Mode of Procurement:	<b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery:	<b>PNU Manila - Supply and Property Unit</b>	Delivery Term:	<b>within 60 calendar days</b>
Date of Delivery:		Payment Term:	

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building</u></b>			<b>Balance Forwarded</b>
					<b>₱2,137,170.12</b>
		<b><i>Additional Requirements</i></b>			
	units	Electrical Transceiver, SFP, 10GE, Electrical Interface Module (30m, RJ45)	6	₱35,000.00	₱210,000.00
	units	Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC) with compatible fiber optic cable of at least 5 meters.	2	₱10,506.11	₱21,012.22
	unit	Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)	1	₱25,000.00	₱25,000.00
	lot	One time installation, 1 years support on site, labor and parts  •One (1) year warranty on parts, labor and on-site technical support service and shall take effect upon issuance of Certificate of Final Acceptance, provide a Certificate of Warranty during the bid opening.  •Certification as Authorized Distributor/Reseller or its equivalent of the offered brand. Bidder must submit the certification during the bid opening.	1	₱50,000.00	₱50,000.00
		Page 19 of 21			
					References: BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827

(Total Amount in Words) **₱2,443,182.34**

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

Jacqueline A. Fernandez

Signature over Printed Name of Supplier

Date

Feb. 5, 2026

Very truly yours,

**BERT J. TUGA**  
 President

Funds Cluster:  
 Funds Available: **₱2,443,182.34**

**ARGEA LINN P. PALABRICA**  
 Accountant III

ORS/BURS No.: **02-01101101-2025-12-1963**  
 Date of ORS/BURS: **12/26/2025**  
 Amount: **₱ 2,443,182.34**



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTIONS PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

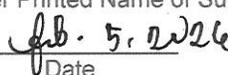
Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery: _____	Payment Term: _____

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of                      Network Infrastructure Upgrade of                      Faculty Center Building</u></b>	<b>Balance Forwarded</b>		<b>₱2,443,182.34</b>
		<ul style="list-style-type: none"> <li>•Certification that the bidder employs at least 3 technical support from the offered brand. Bidder must submit certification of technical support during the bid opening.</li> <li>•The offered brand must be a leader in the 2025 Gartner Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure. Bidder must submit proof of leadership/ranking.</li> <li>•Bidder(s) shall submit a brochure/catalog that indicates the brand name, model and detailed technical specifications of the bid item/s.</li> <li>•Provide at least four hours of hands-on technical training and knowledge transfer on the offered solution for a minimum of five (5) people.</li> <li>•The offered distribution and access switches must be installed and configured at the PNU Faculty Center Building. The wireless access controller must be installed and configured at the PNU Data Center. No installation is required for the WiFi 7 access point devices.</li> </ul>			
		<i>Page 20 of 21</i>			
				References: BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827	

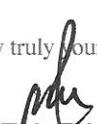
(Total Amount in Words) ₱2,443,182.34

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
**Jacqueline A. Fernandez**  
 \_\_\_\_\_  
 Signature over Printed Name of Supplier  
  
 Date

Very truly yours,

  
**BERT J. YUGA**  
 President

Funds Cluster: Funds Available: <b>₱2,443,182.34</b>	 <b>ARGEA LINN P. PALABRICA</b> Accountant III	ORS/BURS No.: <b>02-01101101-2025-12-1963</b> Date of ORS/BURS: <b>12/26/2025</b> Amount: <b>₱ 2,443,182.34</b>
---	---	---



**PURCHASE ORDER**  
**PHILIPPINE NORMAL UNIVERSITY**  
 The National Center for Teacher Education

Supplier: <b>XYMBOLIC IT SOLUTION PROVIDER CORPORATION</b>	P.O No.: <b>26-01-0001</b>
Address: <b>#16 Mt. Apo 1st St., East Tapinac, Olongapo City, Zambales</b>	Date: <b>February 05, 2026</b>
TIN : <b>739-829-004-000</b>	Mode of Procurement: <b>Competitive Bidding</b>

Gentlemen:  
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: <b>PNU Manila - Supply and Property Unit</b>	Delivery Term: <b>within 60 calendar days</b>
Date of Delivery:	Payment Term:

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<b><u>Supply, Delivery, Configuration and Installation of            Network Infrastructure Upgrade of            Faculty Center Building</u></b>	Balance Forwarded		₱2,443,182.34
		<ul style="list-style-type: none"> <li>•The bidder must demonstrate the proposed solution to PNU-MIS through a Proof of Concept (POC) or a product demonstration. The POC/Demonstration must be scheduled prior to the supplier's visit and must be conducted not later than November 29, 2025. A Certificate of POC/Demonstration, which will be issued by PNU-MIS upon the successful completion of the POC or demonstration and signed by the PNU-MIS Director, shall be included in the bidder's submitted documents.</li> <li>•All offered items (Network Distribution Switch, Network Access Switch, Wireless Access Controller, and Access Points) must be of the same brand to ensure compatibility and interoperability.</li> <li>•Delivery Period: Sixty (60) Calendar Days after Receipt of Notice to Proceed (NTP).</li> </ul>			
		Page 21 of 21			
				References: BAC Sol# GD 2025-11-125 PR# 25-10-2393 Ref# 12559827	

(Total Amount in Words) **TWO MILLION FOUR HUNDRED FORTY-THREE THOUSAND ONE HUNDRED EIGHTY-TWO PESOS AND 34/100 ONLY** ₱2,443,182.34

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

**Jacqueline A. Hernandez**

Signature over Printed Name of Supplier

Date

Very truly yours,

**BERT J. TUGA**  
 President

Funds Cluster:  
 Funds Available: **₱2,443,182.34**

**ARGEALINAP. PALABRICA**  
 Accountant III

ORS/BURS No.: **02-01101101-2025-12-1963**  
 Date of ORS/BURS: **12/26/2025**  
 Amount: **₱ 2,443,182.34**



BIDS AND AWARDS COMMITTEE (BAC)

Taft Ave. cor. Ayala Blvd., Ermita, Manila

(+632) 5317-1768 loc. 731

bac.secretariat@pnu.edu.ph

NOTICE OF AWARD

December 18, 2025

Ms. Jacqui Fernandez  
Xymbolic IT Solutions Provider Corporation  
Stall F1-F3 & F9-F11, City Square Park Arcade  
38 Magsaysay Dr. East Tapinac Olongapo City  
09190083853  
[jfernandez@xymbolic.com.ph](mailto:jfernandez@xymbolic.com.ph)

Dear Ms. Fernandez:

We are pleased to inform you that, following the findings of the Bids and Awards Committee, the contract for the **Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building** is hereby awarded to **Xymbolic IT Solutions Provider Corporation** pursuant to BAC Resolution No. **GD 2025-11-125c** dated **December 18, 2025**.

Accordingly, notice is given that the contract for the procurement of the project will be awarded to **Xymbolic IT Solutions Provider Corporation** for the total amount of **Two Million Four Hundred Forty-Three Thousand One Hundred Eighty-Two pesos and 34/100 only (P2,443,182.34)**, subject to the submission of a Performance Security within ten (10) calendar days from the receipt of this notice. The Performance Security must remain valid until the issuance of the Certificate of Acceptance and can be provided in any of the following forms:

- a. Cash or cashier's/manager's check issued by a universal or commercial bank, or bank draft/guarantee or irrevocable letter of credit issued by a universal or commercial bank. If issued by a foreign bank, it must be confirmed or authenticated by a universal or commercial bank. The amount required is five percent (5%) of the total contract price, equivalent to P122,159.12.
- b. Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission, equivalent to thirty percent (30%) of the total contract price, or P732,954.70.

This is in compliance with the Revised Implementing Rules and Regulations of Republic Act No. 9184.

Failure to submit the required Performance Security within the specified period will result in the cancellation of the award and the forfeiture of the bid security.

Very truly yours,  
By Authority of the Board of Regents:

BERT J. TUGA  
President

Conforme:  
  
Jacqueline A. Fernandez  
Name of Authorized Representative

Date

(All documents without PNU QS Stamp or Control Identifier are uncontrolled)

576



**BAC Resolution Declaring the Single Calculated and Responsive Bidder and Recommending Approval**

**Resolution No. GD 2025-11-125c**

**WHEREAS**, the Philippine Normal University, in compliance with Republic Act No. 9184, posted and advertised the Invitation to Bid for the **Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building** from November 10-December 1, 2025, through PhilGEPS, the PNU BAC Bulletin Board, and the PNU Website, with an approved budget of **Two Million Four Hundred Fifty Thousand Pesos (₱2,450,000.00)** for the contract;

**WHEREAS**, a **Pre-Bid Conference** was held on **November 17, 2025 (Monday)**, conducted online, via Zoom Application, attended by five (5) interested suppliers, as follows:

1. **Xymbolic IT Solutions Provider Corporation**, represented by Ms. Jacqui Fernandez ([jfernandez@xymbolic.com.ph](mailto:jfernandez@xymbolic.com.ph))
2. **Infinitecare Technology Solutions (ITSI), Inc.**, represented by Mr. Boyd Lemuel Rulona, Ms. Karen Marquez, and Mr. Karl Velayo ([kmarquez@itsi.com.ph](mailto:kmarquez@itsi.com.ph))
3. **Pronet Systems Integrated Network Solution, Inc.**, represented by Mr. Jodel Roco and Mr. Angelo Carbonilla ([a.carbonilla@pronet.com.ph](mailto:a.carbonilla@pronet.com.ph))
4. **DGL Veracity Systems Corp.**, represented by Mr. Remond Tolentino and Mr. Kuel Rodolfo ([tolentino.veracity@gmail.com](mailto:tolentino.veracity@gmail.com))
5. **Terraserv Technologies, Inc.**, represented by Mr. Jeffrey Cuasay

**WHEREAS**, the Technology-Related Bids and Awards Committee (TR-BAC) scheduled and conducted the **Opening of Bids** on **December 1, 2025 (Monday)** at 10:00 A.M. at the Edilberto P. Dagot Hall (Multimedia Room);

**WHEREAS**, during the Opening of Bids, only one (1) supplier, **Xymbolic IT Solutions Provider Corporation**, purchased the Official Bid Documents and submitted a bid;

**WHEREAS**, the summary of the Opening of Financial Bids is as follows:

ITEM	Bidder/s	Bid Amount	Remarks
1 Lot - Supply, Delivery, Configuration and Installation of Network Infrastructure Upgrade of Faculty Center Building (ABC: (₱2,450,000.00))	Xymbolic IT Solutions Provider Corporation	₱2,443,182.34	Eligible

**WHEREAS**, during the detailed Technical Evaluation conducted by the Technical Representative, **Xymbolic IT Solutions Provider Corporation** complied with and satisfied all the requirements outlined in Section VII, Technical Specifications of the bidding documents;

**WHEREAS**, upon arithmetical computation, the Financial Bid of **Xymbolic IT Solutions Provider Corporation**, amounting to **Two Million Four Hundred Forty-Three Thousand One Hundred Eighty-Two pesos and 34/100 only (₱2,443,182.34)**, is 0.28% (₱6,817.66) from the Approved Budget for the Contract (ABC), was declared the Single Calculated Bid, subject to further evaluation to ascertain, verify, and validate the submitted bid; and

*(All documents without the PNU QM Stamp or Control Identifier are uncontrolled)*



**PHILIPPINE NORMAL UNIVERSITY**

The National Center for Teacher Education

**BIDS AND AWARDS COMMITTEE**

Taft Avenue, Manila

Tel. No. 5317-1768 loc. 730 or 731

**WHEREAS**, on **17 December 2025 (Wednesday)**, the TR-BAC, in coordination with the Technical Working Group (TWG) and BAC Secretariat, conducted a Post-Qualification assessment of the submitted bids by **Xymbolic IT Solutions Provider Corporation**, which was found to have complied with all the requirements and conditions specified in the bidding documents, thereby passing the Post-Qualification process after the bid documents were verified, validated, and ascertained;

**WHEREAS**, upon careful examination, verification, and validation of the eligibility, technical, and financial requirements submitted by **Xymbolic IT Solutions Provider Corporation**, its bid amounting to **Two Million Four Hundred Forty-Three Thousand One Hundred Eighty-Two pesos and 34/100 only (₱2,443,182.34)** was found to be responsive; and

**NOW, THEREFORE, WE**, the Members of the TR-BAC do hereby **RESOLVE** as it is hereby **RESOLVED**:

- a. That **Xymbolic IT Solutions Provider Corporation** is hereby declared the Single Calculated Responsive Bidder, with a total bid amount of **Two Million Four Hundred Forty-Three Thousand One Hundred Eighty-Two pesos and 34/100 only (₱2,443,182.34)**;
- b. That, in accordance with PNU Special Order No. 257, Series of 2025, dated 17 June 2025, the BAC recommends to the Head of the Procuring Entity (HoPE) the award of the contract as outlined in this BAC Resolution; and
- c. That a **Notice of Award (NOA)** be issued to **Xymbolic IT Solutions Provider Corporation**, upon adoption and approval of this BAC Resolution.



**PHILIPPINE NORMAL UNIVERSITY**  
The National Center for Teacher Education  
**BIDS AND AWARDS COMMITTEE**  
Taft Avenue, Manila  
Tel. No. 5317-1768 loc. 730 or 731

**RESOLVED**, via online referendum this 18<sup>th</sup> day of December 2025.

**BIDS AND AWARDS COMMITTEE**

**Resolution No. GD 2025-11-125c**

**TERESITA T. RUNGDUIN**  
Chair

**MARIVILLA LYDIA B. AGGARAO**  
Member

**JOHN P. NATIVIDAD**  
Vice-Chair

**MARK ANTHONY Q. AMUL**  
Member

**ERWIN R. CALLO**  
Member/End-User

**JENNY C. MALITAO**  
Member

**JOEMAR D. SAJONA**  
Member

**SEAN JAMES R. SALCEDO**  
Technical Representative

**APPROVED**

**BERT J. TUGA**  
President