



PURCHASE ORDER

DELIVERY DUE DATE: 1/18/2020

Supplier: **IP SOLUTIONS, INC.**  
 Address: **Unit 2 Solare Bldg. Capri Oasis, Maybunga, Pasig City**  
 TIN: **000 924 552 000 Vat Reg**  
 Tel No: **643-8943/0918-985-3177**

PR No.: **2019-08-305**  
 PO No.: **2019-757**  
 Date: **11/21/2019**  
 Mode of Procurement: **Public Bidding**

Please furnish this office the following articles subject to the terms and conditions contained herein.

Place of Delivery: **TARLAC STATE UNIVERSITY**  
 Delivery Term: **45 calendar days**  
 Date of Delivery:  
 Payment Term: **N/30**

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
1	LOT	<b>Supply, Delivery, Installation and Configuration of TSU Wifi Modernization for Main Campus</b>			<b>4,100,099.00</b>
Breakdown					
7	pc	1. Supply, installation and configuration of 8 port Gigabit Managed Switch PoE with 10G SFP ports			
3	pc	2. Supply, installation and configuration of 24 port Gigabit Managed Switch PoE with 10G SFP ports			
1	pc	3. Supply, installation and configuration of Managed Switch with 12 SFP ports			
20	pc	4. Supply and installation 10G SFP of Transceiver Module Multimode			
50	pc	5. Supply, installation and configuration of Wireless Access Point Dual Band 2.4Ghz and 5Ghz PoE			
1	pc	6. Supply, installation and configuration of 1 Wireless Controller			
1	pc	7. Supply, installation of 1.5 ft Wall mounted Cabinet with accessories			
1	pc	8. Supply, installation and configuration of Internet Access Manager			
1	lot	9. Supply and installation of 50 runs of Cat.6 UTP Cable for connectivity of Access points			
1	lot	10. Supply and installation of roughing in materials like PVC Pipes and moldings for cable protection			
1	lot	11. Documentation, termination, testing, and labeling.			
<b>TOTAL</b>					<b>4,100,099.00</b>

(Total Amount in Words) **Four Million One Hundred Thousand Ninety-Nine Pesos Only**

Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make 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.

*Lorna V. Zacate*  
 11/26/2019  
**LORNA V. ZACATE**

Very truly yours,  
*Myrna Q. Mallari*  
**DR. MYRNA Q. MALLARI**  
 President  
 Authorized Official

**IP SOLUTIONS, INC.**  
 Signature over printed name & date)  
 Bank Account Name: IP SOLUTIONS INC.  
 Bank Account Number: 1641-107-25  
 Bank Name: LAND BANK OF THE PHILIPPINES  
 Branch Address: PASIG C. RAYMUNDO BRANCH

RECEIVED  
 26 NOV 2019

Funds Available:  
*Jesus S. Danganan*  
**JESUS S. DANGANAN**  
 Budget Officer IV

ALOBS No. :  
 Amount :



PURCHASE ORDER

DELIVERY DUE DATE: 1/18/2020

Procurement Unit  
Telex No. 045-982-4630

Supplier: **IP SOLUTIONS, INC.**  
Address: Unit 2 Solare Bldg. Capri Oasis, Maybunga, Pasig City  
TIN# 008-924-552-000 Vat Reg  
Tel. No.: 643-8943/0918-985-3177

PR No.: 2019-08-305  
PO No.: 2019-757  
Date: 11/21/2019  
Mode of Procurement: Public Bidding

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

Place of Delivery: **TARLAC STATE UNIVERSITY** Delivery Term: 45 calendar days  
Date of Delivery: Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<b>Specifications:</b> Access Points (Branded Quality) <b>Extreme Wireless Wing 7632 Indoor Access Point</b> Access point must support 802.11n (2.4Ghz band), 802.11ac (5Ghz band) Access points must support dual band concurrent operation in 2.4Ghz and 5Ghz bands  Access Point must have 867 Mbps data rates on dual concurrent Operations  Access points used in public areas must support 2x2 MIMO, MU-MIMO Access points must support 802.3af and 802.3at standards Access points must have Wifi Alliance certification for 802.11n and 802.11ac Access points must have a console port for better trouble shooting via CLI command  Access Point must have 1x IEEE 802.3 Gigabit Ethernet auto-sensing Access Point must have LED indicator Access Point must have Bluetooth Low Energy (BLE) v4.2, and IEEE 802.15.4 compliant			

**[Total Amount in Words]**

Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make 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.

Very truly yours,

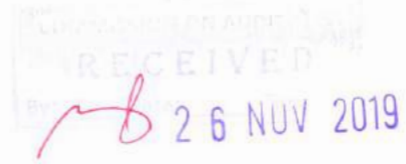
*Donna V. Lacate* 11/26/2019  
DONNA V. LACATE  
Conforme:

*Myrna O. Mallari*  
DR. MYRNA O. MALLARI  
President  
Authorized Official

**IP SOLUTIONS, INC.**

(Signature over printed name & date)

Bank Account Name: IPSOLUTIONS, INC.  
Bank Account Number: 1641-1071-25  
Bank Name: LAND BANK OF THE PHILIPPINES  
Bank Address: PASIG C-LAYUNUNCO BRANCH



Funds Available:  
*Jesus S. Danganan*  
JESUS S. DANGANAN  
Budget Officer IV

AL OBS No. :  
Amount :



PURCHASE ORDER

DELIVERY DUE DATE:

11/18/2020

Procurement Unit  
Budget No. 045 982 4630  
Supplier: IP SOLUTIONS, INC.  
Address: Unit 2 Solara Bldg. Capri Oasis, Maybunga, Pasig City  
TIN#: 008-924-552-000 Vat Reg  
Lic. No. 043 8943/0918-085-3177

PR No.: 2019-08-305  
PO No.: 2019-757  
Date: 11/21/2019  
Mode of Procurement: Public Bidding

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

Name of Delivery: FARLAC STATE UNIVERSITY  
Delivery Term: 45 calendar days  
Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Access Point must have Layer 3 routing, 802.1q, DynDNS, DHCP server/client, BOOTP client, PPPoE and LLDP Access Point must have wireless mediums: Direct Sequence Spread Spectrum (DSSS), Orthogonal Frequency Division Multiplexing (OFDM), and Spatial Multiplexing (MIMO) Access Point must have a minimum of 8 SSID Access Point must have Virtual Controller function which allows itself to act as a virtual controller  Access point must be capable for on premise and cloud deployment Access point must be capable to act as an RF domain manager and locally control APs at the site. The AP can also distribute firmware updates and consolidate statistics from multiple APs to the NOC WLAN controller, substantially reducing WAN bandwidth requirements. Access Point must be able to automatically adjust channel and power to achieve optimal RF performance Access Point must support Controller-assisted naming Access Point must support Zero touch installation Access Point must support Role-based firewall Access Point must support WIPS Security Access Point must support integrated RADIUS server Access Point must support integrated DHCP server Access Point must support Dynamic DNS support Access Point must support MSTP			

[Total Amount in Words]

Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make 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.

*[Signature]*  
LORNA V. ZACATE 11/26/2019

Very truly yours,  
*[Signature]*  
DR. MYRNA C. MALLARI  
President  
Authorized Official

IP SOLUTIONS, INC.  
Signature over printed name & date  
Bank Account Name: IP SOLUTIONS INC.  
Bank Account Number: 1641-1017-25  
Bank Name: LAND BANK OF THE PHILIPPINES  
Bank Address: PASIG C. MAYMUNDO BRANCH



Funds Available:  
*[Signature]*  
JESUS S. DANGANAN  
Budget Officer IV

ALOPS No.:  
Amount:



**PURCHASE ORDER**

**DELIVERY DUE DATE:** 1/18/2020

Procurement Unit

Teletax No: 045-982-4640

Supplier: **IP SOLUTIONS, INC.**  
Address: Unit 2 Solara Bldg. Capri Oasis, Maybunga, Pasig City  
TIN# 008-924-552-000 Vat Reg  
Tax No. 043-8943/0918-985-3177

PR No.: 2019-08-305  
PO No.: 2019-757  
Date: 11/21/2019  
Mode of Procurement: Public Bidding

Content:  
Please furnish this office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **TARLAC STATE UNIVERSITY** Delivery Term: 45 calendar days  
Time of Delivery: Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<p>Access Point must support 3G Failover Access Point must support 802.1x MAC auth Access Point must support IGMP snooping</p> <p>Access Point must support 802.3ad link aggregation Access Point must support AAA Redundancy Access Point must support Device fingerprinting Access Point must support Mesh Connection</p> <p>Must have NTC Certificate</p> <p>Dimensions: 6.9 in x 5.0 in x 1.2 in (175 mm x 128 mm x 26.9 mm) Antenna: 4dBi - 2.4 GHz band; 6 dBi - 5GHz band, IoT 4.1 dBi LAN Ethernet: 1x (E)E, 802.3 Gigabit Ethernet auto-sensing Includes licenses for all AP units</p> <p><b>36 months warranty &amp; support services</b></p> <p><b>Wireless Controller (Branded Quality)</b></p> <p><b>Extreme Wireless Wing RES 4000</b></p> <p>The Wireless Controller must support up to 144 Access Points</p> <p>The Wireless Controller must support up to 144 RF Domains</p> <p>The Wireless Controller must support IPSEC VPN</p> <p>The Wireless Controller must support Role-based firewall</p> <p>The Wireless Controller must support WIPS Security</p> <p>The Wireless Controller must support integrated RADIUS server The Wireless</p>			

**(Total Amount in Words)**  
Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make 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.

*[Signature]* 11/21/2019  
**LORNA V. ZACATE**

Very truly yours,  
*[Signature]*  
**DR. MYRNA Q. MALLARI**  
President  
Authorized Official

**IP SOLUTIONS, INC.**  
(Signature over printed name & date)  
Bank Account Name: IPSOLUTIONS INC.  
Bank Account Number: 1691-1017-25  
Bank Name: LAND BANK OF THE PHILIPPINES  
Bank Address: PASIG C. RAMUNDO BRANCH

RECEIVED  
26 NOV 2019

Funds Available:  
*[Signature]*  
**JESUS S. DANGANAN**  
Budget Officer IV

ALOS No.:  
Amount:



PURCHASE ORDER

DELIVERY DUE DATE:

1/18/2020

Procurement Unit

Telefax No: 045 982 4630

Supplier: IP SOLUTIONS, INC.
Address: Unit 2, Solara Bldg. Capri Oasis, Maybunga, Pasig City
TIN#: 008-924-552-000
Tel. No: 643-8943/0218-985-3177

PR No.: 2019-08-305
PO No.: 2019-757
Date: 11/21/2019
Mode of Procurement: Public Bidding

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

Place of Delivery: TARLAC STATE UNIVERSITY
Delivery Term: 45 calendar days
Payment Term: N/30

Table with 5 columns: Item No., Unit, Description, Quantity, Unit Cost, Total Cost. Description includes technical requirements for a wireless controller such as DHCP server support, DNS support, MSTP, 3G failover, 802.1x MAC auth, IGMP snooping, 802.3ad link aggregation, WMM Admission Control, Zero touch installation, assisted roaming, channel and power adjustment, Active-Standby failover mode, and AAA Redundancy.

(Total Amount in Words)

Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make 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.

Very truly yours,

Signature of Lorna V. Zaccate dated 11/26/2019

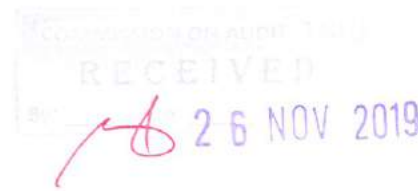
Signature of Dr. Myrna O. Mallari, President, Authorized Official

Conforme

IP SOLUTIONS, INC.

(Signature over printed name & date)

Bank Account Name: IP SOLUTIONS INC.
Bank Account Number: 1611-1017-25
Bank Name: LAND BANK OF THE PHILIPPINES
Bank Address: PASIG C. RAYMUNDO BRANCH



Funds Available: Signature of Jesus S. Danganan, Budget Officer IV

ALOPS No.:
Amount:



PURCHASE ORDER

DELIVERY DUE DATE:

11/18/2022

Procurement Unit  
 Telephone No. 045-982-4630

Supplier: **IP SOLUTIONS, INC.**  
 Address: Unit 7 Solarc Bldg. Capri Oasis, Maybunga, Pasig City  
 Phone: 008-924-552-000 Vat Reg  
 Fax No.: 643-8943/0918-985-3177

PR No.: 2019-08-305  
 PO No.: 2019-757  
 Date: 11/21/2019  
 Mode of Procurement: Public Bidding

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

Place of Delivery: **TARLAC STATE UNIVERSITY**

Delivery Term: 45 calendar days  
Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<p>The Wireless Controller must have built-in Captive Portal with customizable login / welcome pages, URL redirection for user login The Wireless Controller must support Guess Registration via Device Registration</p> <p>The Wireless Controller must support Guess Registration using Social Logins</p> <p>The Wireless Controller must support Customizable Registration Form with support for Name, Email, Mobile, Member, DOB, Age, Gender, and more</p> <p>The Wireless Controller must support Captive Portal Time Based Voucher</p> <p>The Wireless Controller must support Device fingerprinting</p> <p>The Wireless Controller must support Mesh Connection</p> <p><b>36 months warranty &amp; support services</b></p> <p><b>Internet Access Manager</b>  <b>Sangfor Internet Access Management</b>  <b>Internet Access Manager must have the following capabilities:</b>            a) Provide control of all users in the entire network (wired and wireless) accessing the Internet</p>			

(Total Amount in Words)

Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make 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.

*Jon. Jacale* 11/26/2019  
**LORNA V. ZACATE**  
 Conformer

Very truly yours,  
  
**DR. MYRNA Q. MALLARI**  
 President  
 Authorized Official

**IP SOLUTIONS, INC.**  
 (Signature over printed name & date)  
 Bank Account Name: IPSOLUTIONS INC.  
 Bank Account Number: 1611-1017-25  
 Bank Name: LAND BANK OF THE PHILIPPINES  
 Bank Address: PASIG C. RAMUNDO BRANCH

Copy Available:  
  
**JESUS S. DANGANAN**  
 Budget Officer IV



ALOBS No. :  
Amount :



PURCHASE ORDER

DELIVERY DUE DATE:

11/18/2019

Procurement Unit  
 Teletax No. 045-982-4630

Supplier: **IP SOLUTIONS, INC.**  
 Address: Unit 2 Solare Bldg. Capri Oasis, Maybunga, Pasig City  
 TIN#: 008-924-552-000 Vat Reg  
 Tel. No.: 643-8943/0918-985-3177

PR No.: 2019-08-305  
 PO No.: 2019-757  
 Date: 11/21/2019  
 Mode of Procurement: Public Bidding

Condition: Please furnish this office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **TARLAC STATE UNIVERSITY**  
 Delivery Term: 45 calendar days  
 Term of Delivery: N/30  
 Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		h. Provide rich and flexible authentication c. Provide, manage, and control network application and web browsing d. Supports various customized reports based on traffic statistics, queries, times and behavior of user & user groups. <b>e. Includes 3 years license for the product.</b>  <b>Functional Requirements:</b> Must have user identification using IP, MAC, IP/MAC binding, hostname, USB Key, SMS, QR Code, Portal, WeChat, Facebook.  Must have Import user accounts information using CSV file, LDAP Server. Synchronize user with LDAP, Database and H3C CAMS Server. Must have Import user accounts information using CSV file, LDAP Server. Synchronize user with LDAP, Database and H3C CAMS Server. Must have Integration and SSO Option: Active Directory/POP3/Proxy/Web Server, Radius, Third-party authentication device, Database Server New User Management: Must be capable Automatically map new user to its privileged groups in local database based on its IP range, subnet or external authentication server group.			

(Total Amount in Words)

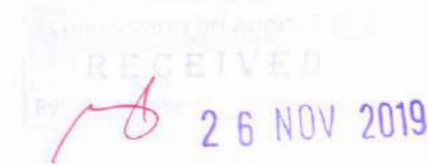
Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Very truly yours,  
 DR. MYRNA Q. MALLARI  
 President  
 Authorized Official

11/20/2019  
 LOUISA V. ZACATE

Conforms:

**IP SOLUTIONS, INC.**  
 (Signature over printed name & date)  
 Bank Account Name: IP SOLUTIONS, INC.  
 Bank Account Number: 1641-1017-25  
 Bank Name: LAND BANK OF THE PHILIPPINES  
 Bank Address: PASIG-C. RAMUNDO BRANCH



Funds Available:  
 JESUS S. DANGANAN  
 Budget Officer IV

ALOBS No. :  
 Amount :



**PURCHASE ORDER**

**DELIVERY DUE DATE:**

11/18/2019

Management Unit

Telephone No. 045 982 4630

Supplier: **IP SOLUTIONS, INC.**  
 Address: Unit 2 Solar Bldg. Capri Oasis, Maybunga, Pasig City  
 Contact: 009 724 552-000/Vat Reg  
 Tax No: 043 0943/0918-985-3172

PR No: 2019-08-305  
 PO No: 2019-757  
 Date: 11/21/2019  
 Mode of Procurement: Public Bidding

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

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<p>Automatically map new users to a pre-defined privileged group as temporary accounts.</p> <p>Account Attribution: Public (Share user login)/ Private (Single user login) account option.</p> <p>Must have Application Control</p> <p>Must identify and control applications through application DB or port.</p> <p>Capable of URL Filter, URL DB, keyword in web-page based control.</p> <p>Must have Search Engine Control; Managed by keywords.</p> <p>Must be capable on enhanced Email Control; Managed by source address, destination address, keywords in email, keywords in body/title, attachment. Enhanced Email Control type/size/count-based control.</p> <p>Must be capable Enhanced IM Control; Must be capable of</p> <p>Comprehensive management to IM tools such as MSN, Yahoo!, as well as encrypted IM such as Skype, Gtalk, MSNShell, etc.</p> <p>File Filter, must be capable Control HTTP, FTP upload and download activity based on true file type.</p> <p>Must be capable of Illegal Wi-Fi Detection Detect the endpoint information from every IP address and Blocking</p>			

(Total Amount in Words)

Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make 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.

*[Signature]* 11/20/2019  
**LORNA V. ZACATE**

Very truly yours,  
*[Signature]*  
**DR. MYRNAO MALLARI**  
 President  
 Authorized Official

**IP SOLUTIONS, INC.**  
 (Signature over printed name & date)  
 Bank Account Name: IPSOLUTIONS INC-  
 Bank Account Number: 1611-1017-25  
 Bank Name: LAND BANK OF THE PHILIPPINES  
 Bank Address: PASIG C-RAYMUNDO BRANCH

RECEIVED  
 26 NOV 2019

Available:  
*[Signature]*  
**JESUS S. DANGANAN**  
 Budget Officer IV

ALOPS No :  
 Amount :





PURCHASE ORDER

DELIVERY DUE DATE: 1/18/2021

Procurement Unit  
 Telephone No. 045 982 4630

Supplier: **IP SOLUTIONS, INC.**  
 Address: Unit 4 Solare Bldg. Capri Oasis, Maybunga, Pasig City  
 TIN: 008 924 552-000 Vat Reg  
 Tax No: 613 0943/0918 985 3177

PR No.: 2019-08-305  
 PO No.: 2019-757  
 Date: 11/21/2019  
 Mode of Procurement: Public Bidding

Please furnish this office the following articles subject to the terms and conditions contained herein:  
 Place of Delivery: **TARLAC STATE UNIVERSITY**  
 Delivery Term: 45 calendar days  
 Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<p>The appliance has a feature of URL Database Leverage on the cloud infrastructure dynamically categorizes millions of URLs into the predefined categories.</p> <p>Support configurable in-box cache footprint.</p> <p>The appliance must have application Database, Independent Internet application signatures database.</p> <p>The appliance must have Intelligent Identification Rules, Identify P2P/Proxy tools/VOIP/SSL traffic intelligently through dynamic flow characteristics analysis.</p> <p>Bandwidth Guarantee &amp; Limitation, Allocate bandwidth resource according to business type &amp; guarantee bandwidth for core business applications and restrict irrelevant traffic.</p> <p>Dynamic Bandwidth Management, "Bandwidth Borrowing" among BM tunnel for full bandwidth utilization.</p> <p>Specify a network flow thresholds as effective points of BM policy, BM based on public IP (oversea).</p> <p>Average allocation/free competition among users in a single traffic pipe.</p> <p>The appliance must have authentication &amp; Push Advertising based on SMS, Portal, Social Media, and QR Code</p>			

(Total Amount in Words)  
 Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make full delivery within the time specified above, a penalty of one (1%) of one percent for every day of delay shall be imposed.

Very truly yours,  
 LONNA V. ZACATE 11/26/2019  
 DR. MYRNA C. MALLARI  
 President  
 Authorized Official

**IP SOLUTIONS, INC.**  
 (Signatures over printed name & date)  
 Bank Account Name: IP SOLUTIONS, INC.  
 Bank Account Number: 1641-107-25  
 Bank Name: LAND BANK OF THE PHILIPPINES  
 Bank Address: PASIG C - RAYMUNDO BRANCH



Available:  
 JESUS S. DANGANAN  
 Budget Officer IV

ALOBS No. :  
 Amount :



**PURCHASE ORDER**

DELIVERY DUE DATE:

1/18/2020

Procurement Unit Buy No: 045 982 4630	Supplier <b>IP SOLUTIONS, INC.</b> Unit 2 Solace Bldg. Capri Oasis, Maybunga, Pasig City Tel: 008 924 552 000/Vat Reg No: 043 8913/091B 985 3177	PR No.: 2019-08-305 PO No.: 2019-757 Date: 11/21/2019 Mode of Procurement: Public Bidding
--	--	--

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

Point of Delivery: <b>TARLAC STATE UNIVERSITY</b>	Delivery Term: 45 calendar days
Point of Delivery:	Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<p>The appliance must have a Built in Firewall and IPSec VPN Modules Block Phishing Wi-Fi to Avoid Data Leakage 3 years warranty <b>Support and Certifications</b> <b>Wireless Controller</b> In-Source TAC (Technical Assistance Center) for ease of coordination and fast resolution of problem In-country Depot for quick resolution of RMA request Product must be in Gartner leader's quadrant Vendor must have at least 2 certified engineers</p> <p><b>Internet Access Manager</b> Vendor Must be CMMI L5 certified The partner must be a core partner by the Vendor</p> <p>The partner must have Certified Engineers</p> <p><b>Network and Structured Cabling</b> <b>Network Equipment:</b> a. 8-Port Gigabit Managed Switch PoE with 10G-SFP ports - 7 pcs (<b>Aruba 2930F Switch</b>) b. 24-Port Gigabit Managed Switch PoE with 10G-SFP ports - 2 pcs (<b>Aruba 2540 Switch</b>) c. Managed Switch with 12 SFP ports - 1 pc (<b>Edge Switch 16 XG</b>) d. 10G SFP Transceiver Module Multimode - 20 pcs</p>			

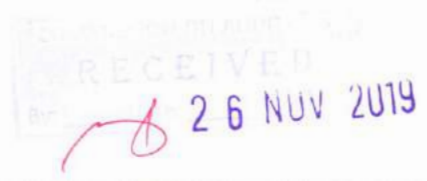
(Total Amount in Words)


Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make 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.

Very truly yours,  
  
 DR. MYRNA Q. MALLARI  
 President  
 Authorized Official

Conforms:

**IP SOLUTIONS, INC.**  
 (Signature over printed name & date)  
 Bank Account Name: IP SOLUTIONS, INC.  
 Bank Account Number: 1641-1017-25  
 Bank Name: LAND BANK OF THE PHILIPPINES  
 Bank Address: PASIG C. - RAYMUNDO BALMICH



 <b>JESUS S. DANGANAN</b> Budget Officer IV	ALOBS No.: Amount:
--	-----------------------



PURCHASE ORDER

DELIVERY DUE DATE: 1/18/2020

Procurement Unit  
Telefax No. 045 982-4630

Supplier: **IP SOLUTIONS, INC.**  
Address: **Unit 2 Solace Bldg. Capri Oasis, Maybunga, Pasig City**  
TIN#: **008-924-552-000 Vat Reg**  
Tel. No: **643-8943/0918-985-3177**

PR No.: **2019-08-305**  
PO No.: **2019-757**  
Date: **11/21/2019**  
Mode of Procurement: **Public Bidding**

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

Place of Delivery: **TARLAC STATE UNIVERSITY** Delivery Term: **45 calendar days**  
Date of Delivery: Payment Term: **N/30**

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<b>Cabling Components:</b> a. SC to LC Duplex Fiber Patch cord OM3, 3 m - 18 pcs b. Cat.6 UTP Cable 4-pairs - 50 runs for 50 AP's c. Cat.6 RJ45 Modular Plug - 50 pcs d. 24-port Cat.6 Patch Panel loaded - 9 pcs e. Cat.6 UTP Patchcord 2 m - 51 pcs f. 1.5 ft. Closed Type Wall Mounted Cabinet 600mmW x 500mmD g. with fan & PDU - 8 pcs h. 1U Horizontal Cable Manager - 10 pcs i. Note: to utilize existing FOC OM3 armoured cables. j. Workmanship warranty: 3 years. <b>Roughing-in Materials</b> PVC Pipes, Flexible Hose, Moldings, Connectors, Coupling & Adapters, Pull Boxes, Utility Box, Threaded Rod, Angle Bars, Clamps, Brackets and support, Tapes, Label Sticker, Cable Ties, Velcro, Sealant, Screws, bolts & nuts, etc.			

(Total Amount in Words) **Four Million One Hundred Thousand Ninety-Nine Pesos Only**

Warranty shall be for a period minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make 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.

*Jon. Zaccate* 11/26/2019  
**LORNA V. ZACATE**  
Conforme:

Very truly yours,  
*Myrna D. Mallari*  
**DR. MYRNA D. MALLARI**  
President  
Authorized Official

**IP SOLUTIONS, INC.**  
(Signature over printed name & date)  
Bank Account Name: IP SOLUTIONS, INC.  
Bank Account Number: 1041-1017-25  
Bank Name: LAND BANK OF THE PHILIPPINES  
Bank Address: PASIG C. LA MUNDO BRANCH

RECEIVED  
26 NOV 2019

Funds Available:  
*Jesus S. Danganan*  
**JESUS S. DANGANAN**  
Budget Officer IV

ALOBS No. :  
Amount :