

**SPECIFICATIONS
FOR THE PROCUREMENT OF WIRELESS ACCESS POINT FOR THE
PHILIPPINE GUARANTEE CORPORATION (PhilGuarantee)**

A. BACKGROUND

The PhilGuarantee is upgrading its old Wi-Fi devices which have been with the corporation since 2013 and are now obsolete. With its future office also considered in the number of Access Points should also be proportional to the requirements based on the number of users and the coverage area. The PhilGuarantee requires wireless connectivity that is both secure and stable.

B. PROJECT DESCRIPTION

This project is for the supply, delivery, installation, configuration, and testing of twelve (12) units wireless access points for the PhilGuarantee.

C. APPROVED BUDGET FOR THE CONTRACT

The Approved Budget for the Contract (ABC) is **Eight Hundred Thousand Pesos (Php 800,000.00)** inclusive of all taxes and charges.

D. QUALIFICATIONS OF BIDDER

1. Bidder/s should be duly authorized by the manufacturer/distributor to provide, sell, configure and support the firewall and management appliance.

The certification from the manufacturer/distributor authorizing the prospective bidder to provide such product should be submitted together with the bid proposal. Bid proposals that do not include the Certification shall not be accepted/considered for award.

2. The Bidder must have the capacity to escalate product technical issues directly to the manufacturer.
3. Any and all costs necessary for the bidder to fulfil its obligations in the supply, delivery, installation and commissioning of the firewall shall be deemed included in the financial proposal. Any cost incurred in the fulfilment of the obligations but were not included in the financial proposal shall be shouldered by the bidder with the lowest complying quotation
4. Prospected bidder must be a Certified Distributor and have authority to sell, deploy, manage and provide support services for Wireless Access Points issued by the product owner/manufacturer.

E. PROJECT DELIVERABLES

1. Documentation – Provide users guide and technical manuals.
2. Training - Provide a comprehensive training relative to the wireless access points proposed for two (2) ITD personnel.

F. DELIVERY PERIOD AND PLACE OF DELIVERY

The winning bidder shall supply and deliver the set of equipment within forty-five calendar days (45 c.d.) from receipt of the Purchase Order (PO) at the PhilGuarantee Office located at 17th Floor BDO (formerly Citibank) Towers Valero, 8741 Paseo De Roxas Street, Makati City.

G. PAYMENT TERMS

Thirty calendar days (30 c.d.) upon acceptance.

H. TECHNICAL SPECIFICATIONS

Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specifications and compliance issued by the manufacturer, samples, independent test data etc., as appropriate.

A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution.

Twelve (12) Units Wireless Access Points			
Item No.	Description	Details	Comply/ Not Comply
1.1	Radios	<ul style="list-style-type: none">• 2.4 GHz 802.11b/g/n client access radio• 5 GHz 802.11a/n/ac client access radio• 2.4 GHz & 5 GHz dual-band WIDS/WIPS, spectrum analysis, & location analytics radio• 2.4 GHz Bluetooth radio with Bluetooth Low Energy (BLE) and Beacon support• Concurrent operation of all four radios• Max aggregate frame rate 1.9 Gbit/s	

1.2	Antenna	<ul style="list-style-type: none"> • Integrated omni-directional antennas (5 dBi gain at 2.4 GHz, 5.5 dBi gain at 5 GHz) • Individual antenna elements for each radio 	
1.3	802.11ac Wave 2 and 802.11n Capabilities	<ul style="list-style-type: none"> • 3 x 3 multiple input, multiple output (MIMO) with three spatial streams • SU-MIMO and MU-MIMO support • Maximal ratio combining (MRC) & beamforming • 20 and 40 MHz channels (802.11n), 20, 40, and 80 MHz channels (802.11ac) • Up to 256-QAM on both 2.4 GHz & 5 GHz • Packet aggregation 	
1.4	Power	<ul style="list-style-type: none"> • Power over Ethernet: 37 - 57 V (802.3at required with functionality-restricted 802.3af mode supported) • Alternative 12 V DC input • Power consumption: 20W max (802.3at) 	
1.5	Interfaces	<ul style="list-style-type: none"> • 1x 10/100/1000Base-T Ethernet (RJ45) • 1x DC power connector (5.5 mm x 2.5 mm, center positive) 	
1.6	Mounting	<ul style="list-style-type: none"> • All standard mounting hardware included 	
1.7	Security	<ul style="list-style-type: none"> • Integrated Layer 7 firewall with mobile device policy management • Real-time WIDS/WIPS with alerting and automatic rogue AP containment • Flexible guest access with device isolation • VLAN tagging (802.1q) and tunneling with IPsec VPN • PCI compliance reporting • WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X EAP-TLS, EAP-TTLS, EAP-MSCHAPv2, EAP-SIM • TKIP and AES encryption • Enterprise Mobility Management (EMM) & Mobile • Device Management (MDM) integration 	
1.8	Warranty & SLA	<ul style="list-style-type: none"> • 3-years License, warranty and support. • Service Level Agreement is 24/7. • If the unit is diagnosed as defective, a service unit shall be provided within seven (7) calendar days. 	
1.9	Others	<ul style="list-style-type: none"> • Shall have built-in reporting • Should be in the latest Gartner's Magic Quadrant for Wired and Wireless LAN Access Infrastructure within the "Leaders" quadrant. 	

		<ul style="list-style-type: none"> • Installation and Initial configuration will be done at Philguarantee Office • The proposed wireless access points basic functionalities must still be operational after the expiration of subscription license. 	
--	--	--	--

The Philippine Guarantee Corporation shall test and evaluate the hardware equipment and software prior to acceptance.

Prepared by:



John Eduard C. Alferez
Network Administrator
I.T Department

Reviewed by:



Oliver Templo
Information Technology Officer
I.T Department

FEB 4, 2021

Approved by:



Lloyd A. Sioson EnP.
Head and Vice-President
I.T Department

I hereby certify to comply and deliver all the above requirements.

Conforme:

Bidder's Company Name

Signature Over Printed Name of
Authorized Representative

Date