

**TECHNICAL SPECIFICATIONS**  
**Purchase of Wireless Access Point and Bandwidth Manager**  
**RFQ NO. NP-SVP-2018-16**

Item	Purchaser's Specifications	Supplier's Specifications
1	<p><b>Wireless Access Point</b>  Specifications:  <b>Building 1 (Network Grooming)</b>  <u>Cabling Components</u>  *CAT5e UTP Cable &amp; Consumables (7 rolls)  *CAT5e Information Outlet (80 pcs)  *FACEPLATE (Simplex-shuttered) (80 pcs)  *IRU cable manager  <u>Cabinet</u>  *IDF – 2FT W=21 ¼" x D=25", w/ flexi glass front door (2 pcs)  *2 exhaust Fan on top (2 pcs)  *8 outlet w/ 20 pcs cage nut (2 pcs)  <u>Active Devices, Controller &amp; AP Radios</u>  *24G powered 24 port Gigabit Ethernet switch with two SFP+ ports in 1U rackmount case (3 lots)  *AP –RB WAP 2.4GHz (10 pcs)  *Wireless controller appliance up to 40 AP in a single pane of glass (1 pcs)</p> <ul style="list-style-type: none"> <li>• at least 4-cores, 1.0GHz per core</li> <li>• 1GB RAM</li> <li>• 13xGbit LAN</li> <li>• 60GB M.2 drive</li> <li>• Router OS L6</li> <li>• 1U rackmount case</li> <li>• Dual PSU</li> </ul> *Wireless router (1 pc) <ul style="list-style-type: none"> <li>• CPU - at least 400MHz</li> <li>• at least 64MB RAM</li> <li>• at least 1 LAN</li> <li>• 1 built-in high power 2.4GHZ 802.11b/g/n wireless router</li> <li>• Metal case</li> <li>• Mounting loops</li> <li>• PoE injector</li> <li>• 2.4GHz 6dBi Omni antenna</li> </ul> * Wireless 5GHz AC Back Bone Link 18dbi connecting Bldg 1 and Bldg 2 (2 pcs) <u>Roughing-Ins</u> *Supply of PVC Pipes/Cable Trays/PVC Molding Utility Boxes/pull boxes and other miscellaneous items required to complete cabling rehab (1 lot) <u>Labor and Supervision</u> (1 lot) *Mobilization & Demobilization *Installation of Roughing-ins required to	

<p>complete the cabling of AP's and grooming project</p> <ul style="list-style-type: none"> <li>*Mounting of 2FT Rack to approved location</li> <li>*Cable Pulling and termination required to complete the cabling project</li> <li>*Testing, provisioning, grooming, commissioning, labeling, Documentation and submission of as built Plan, fluke test result.</li> </ul> <p>One-year equipment warranty</p> <ul style="list-style-type: none"> <li>*One-time configuration of wan to lan, dhcp, hotspot, LAN security, Wireless controller and tutorial (LAN security and wireless guest)</li> </ul> <p><b>Building 2 (structured Cabling)</b></p> <p><u>Cabling Components</u></p> <ul style="list-style-type: none"> <li>*CAT6 UTP Cable (7 rolls)</li> <li>*UTP CAT6 Patch Cable 1M (39 pcs)</li> <li>*UTP CAT6 Patch Cable 3M (21 pcs)</li> <li>*CAT6 Information Outlet (42 pcs)</li> <li>*Faceplates (Duplex) (21 pcs)</li> <li>*CAT6 – 24 ports Patch Panel Loaded (4 pcs)</li> <li>*1RU cable manager (4 pcs)</li> </ul> <p><u>Network and IDF Cabinet (3 pcs)</u></p> <ul style="list-style-type: none"> <li>*DF – 2FT W=21 ¼" x D-25" with flexi glass front door</li> <li>*2 exhaust FAN on top</li> <li>*8 outlets</li> </ul> <p><u>Active Devices &amp; AP Radios</u></p> <ul style="list-style-type: none"> <li>*AP – RB WAP 2.4GHz (7 pcs)</li> <li>*24G powered 24port Gigabit Ethernet switch with two SFP+ ports in 1U rackmount case (1 pc)</li> </ul> <p><u>Roughing-Ins and Conduits (1 lot)</u></p> <p>*Supply of PVC Pipes/Cable/Trays/PVC Molding Utility Boxes and other miscellaneous items required to complete data cabling</p> <p><u>Labor and Supervision (1 lot)</u></p> <ul style="list-style-type: none"> <li>*Mobilization &amp; Demobilization</li> <li>*Installation of roughing-ins required to complete the cabling of AP's and grooming project</li> <li>*Mounting of 2FT Rack to approved location</li> <li>*Cable Pulling and termination required to complete the cabling project</li> <li>*Testing, commissioning, labeling, Documentation and submission of as built Plan, fluke test results</li> <li>*One-year equipment warranty</li> </ul> <p><u>Assumption and Notations</u></p> <ol style="list-style-type: none"> <li>1. No Chipping Works</li> <li>2. Restorations of affected area is not included on this proposal</li> <li>3. Electrical works is not included on this proposal</li> <li>4. Bonds /Work Permit will be to the</li> </ol>	
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	<p>account of the client  <u>Maintenance/Support Agreement</u>  *Duration: at least 8 months  *Next business day response time  *Unlimited email and phone support  *Online ticketing portal for off business hours' support  *Emergency hotline for Urgent issues  Inclusion:  *Wireless controller config support  *PtP Wireless configuration support (bldg1 to bldg2)  *DNS and DHCP addressing support  *OFFICE and GUEST WIFI configuration support  *Preconfigured configured Wireless Security/Protocol config support  *LAN Security support for rough devices (Office network wired and wireless)  *LAN to WAN configuration support (internet connectivity)  *Structured Cabling support</p>	
2	<p><b>Bandwidth Manager</b>  Specification:  *CPU: at least 4-cores, 1.4GHz per core, at least 1GB RAM, Gbit LAN, at least 60GB M.2 Cache drive, 1U rackmount case, Dual PSU  *Managed Preconfigured appliance, Supports Dynamic Traffic Shaping with QoS. Transparent Mode  <u>Implementation:</u>  *Installation and commissioning  *Assign dynamic Traffic Shaping to segments on BOQ Network  *Train at least 1 BOQ IT personnel on operations of the bandwidth manager equipment.  *Phone and email support (Mondays to Fridays, 8 to 5PM, except holidays)  <u>Warranty</u>  *1 year service and parts warranty</p>	

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Name of Company

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Address

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Signature Over Printed Name

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Telephone/Fax Number

**TECHNICAL SPECIFICATIONS**  
**Purchase of Wireless Access Point and Bandwidth Manager**  
**RFQ NO. NP-SVP-2018-16**

Item No	Item Description	Qty	Unit	Unit Cost	Total Cost
1	Wireless Access Point	1	Lot	880,000.00	880,000.00
2	Bandwidth Manager	1	Lot	100,000.00	100,000.00

- All prices offered (unit price and total bid price) must be typed or written in indelible ink

After having carefully read and accepted your conditions, I/We quote you on the item/s at prices noted above.

\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
Signature Over Printed Name

\_\_\_\_\_  
Telephone/Fax Number



113 Years of  
Ensuring Health Security  
at Ports of Entry

Republic of the Philippines  
Department of Health  
**BUREAU OF QUARANTINE**  
25<sup>th</sup> and A.C. Delgado Streets  
Port Area, Manila



**REQUEST FOR QUOTATION**

**Purchase of Wireless Access Point and Bandwidth Manager**

Ref.No. NP-SVP-2018-16

1. The Bureau of Quarantine (BOQ), hereinafter referred to as “the Purchaser”, has a requirement for the **Purchase of Wireless Access Point and Bandwidth Manager**. The details of the project are as follows:

Name of Project:	<b><u>Purchase of Wireless Access Point and Bandwidth Manager</u></b>
Location:	<b><u>Manila City</u></b>
Description:	<b><u>Please use attached RFQ, Tech Specs. and Price Schedule</u></b>
ABC:	<b><u>Nine Hundred Eighty Thousand Pesos (980,000.00)</u></b>
Delivery period:	<b><u>Thirty (30) Days</u></b>

2. Bidding procedures will be conducted in accordance with the Revised Implementing Rules and Regulations of Republic Act 9184 (R.A. 9184).
3. Quotations must be delivered at the Supply Section, 2<sup>nd</sup> Floor, Bureau of Quarantine, 25<sup>th</sup> St., Port Area, Manila on or before 10:00AM \_\_\_\_\_
4. All quotations must be typed or written in indelible ink and must be placed in sealed envelope using the attached Price Schedule and Technical Specifications.

**Mayor's/ Business Permit**

**PhilGEPS Registration**

**Income/Business Tax Return**

**Omnibus Sworn Statement**

5. Bids shall be valid for **ninety (90) calendar** days from the Opening of Bids.
6. DELIVERY SITE: Manila City
7. The BOQ reserves the right to accept or reject any quotation, and to annul the bidding process and reject all quotations at any time prior to Contract award, without thereby incurring any liability to the affected bidder or bidders and to waive any minor defects or infirmities therein and to accept such quotation as may be considered advantageous to the government.
8. Bidders are entitled to one (1) bid only, otherwise, all bids made shall automatically be rejected.

**ALEXANDER M. OBA MD, MPH**

Chairperson, Bids and Awards Committee  
Bureau of Quarantine, 25<sup>th</sup> St., Port Area, Manila  
320-9104/320-9117