

July 21, 2022

REQUEST FOR QUOTATION

The **TOURISM PROMOTIONS BOARD** invites you to submit quotations for the item/s listed below:

RFQ No. TPB-RFQ 2022.07.233
PR No. 7.040

Requirements: Procurement of Wireless Access Points

Quantity	Item/Description	Estimated Unit Price	Total Cost (PhP)
1 lot	<p>Installation, Cabling, system configuration, setup, and transfer of knowledge</p> <p>25 units Wireless Access Points (WAP)</p> <p>Technical Specification:</p> <p>RADIO:</p> <p>Dual-radio dual-band:</p> <ul style="list-style-type: none"> - Radio 1: 2.4GHz 11ax, 2x2 MIMO - Radio 2: 5GHz 11ax, 2x2 MIMO <p>Operating Band:</p> <ul style="list-style-type: none"> - Radio 1: 802.11b/g/n/ax, 2.4GHz, 2.483GHz, HE40 - Radio 2: 802.11a/n/ac/ax, 5.150GHz, HE80/HE160, 802.11a/n/ac, 5.470GHz, 5.725GHz, 5.725GHz, 5.850GHz, HE80 <p>Max Throughput:</p> <ul style="list-style-type: none"> - Radio 1: 2.4GHz, 0.574Gbps - Radio 2: 5GHz, 2.402Gbps - Maximum throughput per AP: 2.4GHz+5GHz, 2.976Gbps <p>Antenna Type:</p> <ul style="list-style-type: none"> - Integrated Omnidirectional <p>Antenna Gain:</p> <ul style="list-style-type: none"> - 2.4GHz: 2dBi - 5GHz: 2dBi <p>Transmit Power:</p> <ul style="list-style-type: none"> - At least 20dBm 	Php800,000.00	Php800,000.00

	<p>Adjustable power:</p> <ul style="list-style-type: none"> - At least 1dBm <p>Modulation:</p> <ul style="list-style-type: none"> - OFDM: BPSK@6/9Mbps, QPSK@12/18Mbps, 16-QAM@24Mbps, 64-QAM@48/54Mbps - DSSS: DBPSK@1Mbps, DQPSK@2Mbps, and CCK@5.5/11Mbps - MIMO-OFDM: BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM - OFDMA <p>Receiver Sensitivity:</p> <ul style="list-style-type: none"> - 11b: -96dBm (1Mbps), -93dBm (5Mbps), -89dBm (11Mbps) - 11a/g: -91dBm (6Mbps), -85dBm(24Mbps), -80dBm (36Mbps), -74dBm (54Mbps) - 11n: -90dBm@MCS0, -20dBm@MCS7, -89dBm@MCS8, -68dBm@MCS15 - 11ac: HT20: -88dBm (MCS0), -63dBm (MCS9) - 11ac: HT40: -85dBm (MCS0), -60dBm (MCS9) - 11ac: HT80: -82dBm (MCS0), 57dBm (MCS9) - 11ax: HE80: -82dBm (MCS0), 57dBm (MCS9), -52dBm (MCS11) - 11ax: 160MHz: -77dBm (MCS0), -50dBm (MCS11) <p>Interface:</p> <ul style="list-style-type: none"> - 1 10/100/100M BASE-T Ethernet Port, PoE In (Support IEEE 802.3af/at) - Full Spectrum Operation in IEEE 802.3af Mode - 1 1G/1.9G SFP Port <p>Management Port:</p> <ul style="list-style-type: none"> - 1 RJ54 Console Port <p>LED Indicator:</p>		
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	<ul style="list-style-type: none"> - 1 LED Indicator <p>Reset Button: Support</p> <p>Power Consumption:</p> <ul style="list-style-type: none"> - At least 12.95W <p>Software Specifications</p> <p>WLAN:</p> <ul style="list-style-type: none"> - Maximum Recommended Clients: 112 (For General Usage) - Maximum Recommended Client: 58 (For HD Video) - SSID Hiding: Support - 5G Priority (Band Steering): Support - Configuring the authentication mode, encryption mechanism and VLAN attributes for each SSID: Support - Remote Intelligence Perception Technology (RIPT): Support - Intelligent Device Perception Technology (RIPT): Support - Intelligence Load Balancing Based on the Number of Users of Traffic: Support - STA Limit Control: SSID/Ratio based - Bandwidth Control: STA/SSID/AP-based <p>Security:</p> <ul style="list-style-type: none"> - Support PSK and Web Authentication - Data Encryption: WPA (TKIP), WPA-PSK, WPA2 (AES), WPA3, WEP (64/128bits) - PPSK authentication: Support - 802.1X authentication: Support - PEAP authentication: Support 		
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	<ul style="list-style-type: none"> - Data Frame Filtering: Allowlist, Static/Dynamic Blocklist - User Isolation - Rogue AP Detection and Countermeasure: Support - Dynamic ACL Assignment: Support - RADIUS: Support - CPU Protection Policy (CPP) Support - Network Foundation Protection Policy (NFPP): Support <p>IP:</p> <ul style="list-style-type: none"> - IPV4: Support Static and DHCP IP Address - Support Multicast to Unicast Conversion - DHCP Service: Support DHCP snooping, Option 82, Server, Client - Support PPPoE client - Support IPsec VPN - Support FTP ALG/DNS ALG <p>Operation & Management:</p> <ul style="list-style-type: none"> - Support Wireless LAN Controller - Wireless Access Controller - Cloud (Private and Public Cloud) - Management Protocol: Telnet, SSH, TFTP, FTP, Web - Wireless Intelligent AI Optimization Service (WIS): Support - SNMP: Support V1, V2c, V3 - Syslog / Debug: Support - FAT/FIT/Cloud Managed Mode <p>Firmware: Support FAT (Standalone) or FIT (WS Controller) or Cloud Managed (Public/Private Cloud) Management</p>		
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ACCESS POINT CLOUD CONTROLLER

System Capacity: Unlimited

Management Platform: Web /
Mobile App (Android/IOS)

Controller:

- **Cloud Services:**

- Full Networking Products
From internet Gateway,
Switches to
Wireless AP
- Enterprise Cloud
Functionality and Ultimate
Wireless Performance

- **Cloud Mobile App:**

- Free Cloud Service Tenants
- Dummy Provisioning by
Mobile App

- **Site Survey Planner:**

- Automatic Wall Identification
- Drag-N-Drop Signal
Simulation
- Professional Report
Formation

Guest Portal: Yes

Supported Products: Wireless AP,
Switches, Gateway

Unified Management &

Monitoring:

- Multi-tenant architecture:
Yes
- Multi-level groups: Yes
- Project Sharing: Yes
- Dashboard with Google
Maps: Yes
- Account Privileges: Yes
- Project Handover: Yes

Guest WiFi:

- Flexible authentication
options: PPSK (Staff),
Voucher Access Code,
One-click Portal, Social Login
(Facebook)
- Multi-languages support: Yes

	<ul style="list-style-type: none"> - Customized captive portal: Yes - Control access to network resources: Time/Device/Traffic-limit policy <p>Site Survey Planning:</p> <ul style="list-style-type: none"> - Heat Map – Yes - Automatic Wall Identification – Yes - Floor Plan Format – Minimum JPG, PNG, BIMAP, DXF - Manual Drawing Obstacles – Yes - Repot Export – Yes <p>Reporting & Analytics:</p> <ul style="list-style-type: none"> - Daily/Weekly/Monthly Device/Client/Network Summary Report Capable - Top 10 SSID/Traffic/Client/AP Analytic Report Capable - Report Export – CVS/PDF <p>Troubleshooting:</p> <ul style="list-style-type: none"> - Remotely reboot devices, we-CLI advanced diagnostic - Alarm Notification Email / App <p>Warranty:</p> <ul style="list-style-type: none"> - At least 3 years warranty on parts and services <p>*Product brochure or Datasheet of the proposed product</p> <p>*Implementation Plan</p> <p>*Administrator’s training for MISD Personnel</p> <p>*Training Certificate</p> <p>*Certificate, License, etc. to prove qualification requirement</p> <p>BIDDER QUALIFICATIONS:</p>		
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	<ul style="list-style-type: none"> - Must be an IT Company operating for at least five (5) years, preferably in system integration. - Must be an Authorized Reseller of the proposed product. - Must be PCAB accredited. - Must be an accredited/certified installer of the proposed product. <p>PROJECT TIMELINE: Approval of the Implementation Plan – 30 days Delivery of Hardware components - 60 days Installation, configuration, and testing - 10 days Administrator’s Training – 2 days</p>		
Terms	30 days from receipt of Invoice		
Delivery	102 days from receipt of NTP		
ABC	The approved budget for the contract (ABC) inclusive of applicable taxes		Php800,000.00

Please submit your **quotation and legal** documents duly signed by your authorized representative to email address bhong_ducusin@tpb.gov.ph not later than **26July 2022 at 5:00 pm**, subject to the Terms and Conditions stated herein and the shortest time of delivery.

Thank you very much.



ROSELLE D. ROMERO

Acting Head, Procurement and General Services Division

Contact person: Jose T. Ducusin, Jr
Contact number: 02 8525 -7312 / 8525 – 9318 to 27

Note: All entries must be typewritten on your company letterhead.

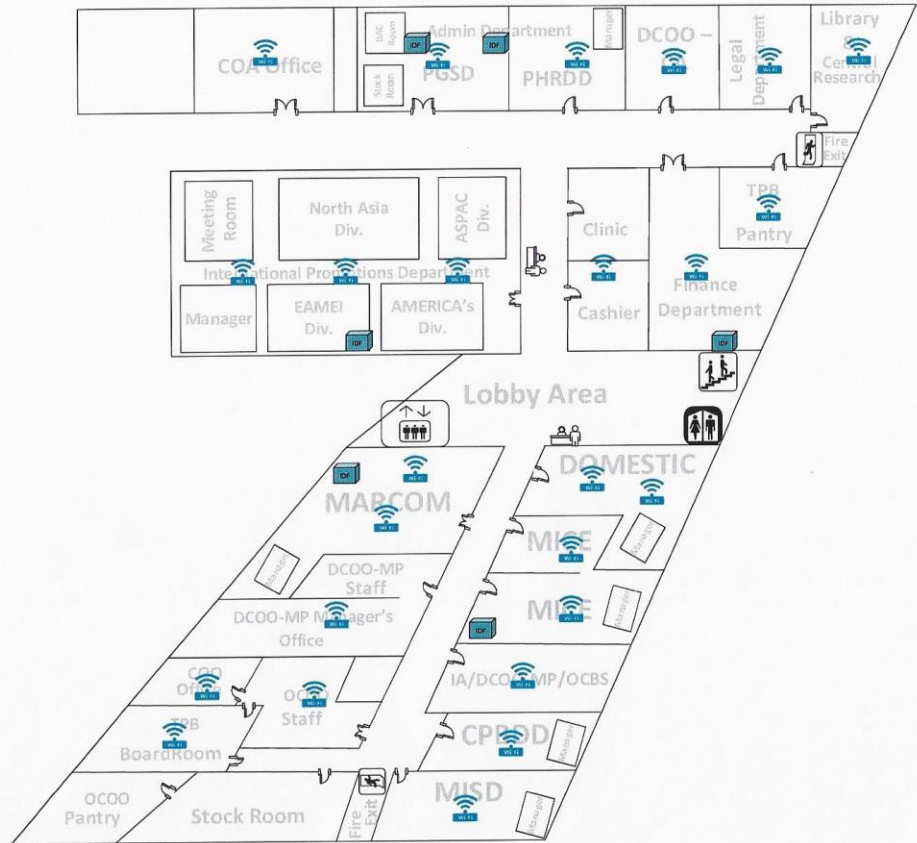
Price Validity shall be for a period of thirty (30) calendar days.

Suppliers must submit the following legal documents to be eligible to participate on the bidding:

- a. PhilGEPS Certificate
- b. Mayor’s Business Permit (**2022**)
- c. SEC/DTI Registration Certificate
- d. BIR Registration /TIN
- e. Omnibus Sworn Statement (**Annex “B”**)
- f. Company profile (New Supplier)

ANNEX "A"

Wi-Fi Access Points Deployment Plan



Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)

CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or

any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form

of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of __, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]