



Republic of the Philippines  
Office of the President

**PHILIPPINE SPORTS COMMISSION**

**REQUEST FOR QUOTATION**

The Philippine Sports Commission, through its Bids & Awards Committee, invites interested **PHILGEPS-accredited** suppliers to **submit SEALED signed quotation/s** for:

Particular	Quantity					ABC (PHP)	Place of Delivery
Supply, Delivery, and Installation of Wireless Access Point for Admin Building at Rizal Memorial Sports Complex		Description	Qty	Unit	Unit Cost	Total Cost	
	1	<b>ACCESS POINT</b> <b>Physical Specifications</b> >Dimension: 220mm x 220mm x 49mm (W x D x H) >Weight: Device: 0.6 kg >Mounting Kit: 0.2 kg  >Installation: Ceiling /Wall >Anti-theft Lock: Support <b>Radio Specifications</b> Radio >Dual-radio dual-band >Radio1: 2.4GHz 11ax, 2x2 MJMO >Radio2: 5GHz 11ax, 2x2 MJMO Operating Band: Radio1 >802.11b/g/n/ax, 2.4GHz~2.483GHz, HE40 Radio2 >802.11a/n/ac/ax, 5.150GHZ~5.350GHZ, HE80/HE160 802.11a/n/ac, 5.470GHz ~ 5.725GHZ, 5.725GHZ ~ 5.850GHZ, HE80  iMax Throughput >Radio1: 2.4GHz, 0.574Gbps >Radio2: 5GHz, 2.402Gbps Maximum throughput per AP: 2.4GHz +5GHz, 2.976Gbps  >Antenna Type >Integrated Omnidirectional  <b>Antenna Gain:</b> >24GHz: 3dBi >5GHz: 3dBi >Transmit Power: 20dBm >Adjustable Power: 1dBm  <b>Modulation:</b> >OFDM: BPSK@6/9Mbps, QPSK@12/18Mbps, 16-QAM@24Mbps, 64-QAM@48/54Mbps >DSSS: DBPSK@1Mbps, DQPSK@2Mbps and CCK@5.5/11Mbps  ***more on the next specification***	20	Units	9,125.00	182,500.00	182,500.00

>MIMO-OFDM: BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM, OFDMA

Receiver Sensitivity:

>11b: -96dBm (1Mbps), -93dBm (5Mbps), - 89dBm (11Mbps)

>11a/g: -91dBm (6Mbps), -85dBm (24Mbps), -80dBm (36Mbps), -74dBm (54Mbps)

>11n: -90dBm@MCS0, -70dBm@MCS7, -89dBm@MCS8, -68dBm@MCSJ5

>11ac: HT20: -88dBm (MCSO), -63dBm (MCS9)

>11ac: HT40: -85dBm (MCSO), -60dBm (MCS9)

>11ac: HT80: -82dBm (MCSO), -57dBm (MCS9)

>11ax: HE80: -82dBm (MCSO), -57dBm (MCS9), -52dBm (MCS 11)

11ax: 160MHz: -77dBm (MCSO), -50dBm (MCS11)

**Interfaces:**

>Interfaces: 1 10/100/1000M BASE-T Ethernet Port, PoE In (Support IEEE 802.3af/at)

>11G/2.5G SFP Port

>Management Port: 1 RJ45 Console Port

>LED Indicator: 1 LED Indicator

>Reset Button: Support

**Power**

>Power Supply: Local Power Supply (DC 48V/0.6A)

>PoE (IEEE 802.3af Standard) - Full Spectrum Operation

>Power Consumption: 12.95W

**Environment:**

IT Temperature

>Operating Temperature: -10°C ~ 50A°C

>Storage Temperature: -40°C ~ 70°C

>Humidity: Operating Humidity: 5% ~ 95% (non-condensing) Storage Temperature: 5% ~ 95% (non-condensing)

>IP Rating: IP4 I

>Safety Standard: GB 4943.1-2011, IEC 62368-1

>EMC Standard: EN 300386, GB 19286-2003, GB 17618-1998

**Software Specifications**

C56:C58C57A56:F61

WLAN

>Maximum Clients: 512

>Recommended Client: 120

>SSID Hiding: Support

>5G Priority (Band Steering): Support

>Configuring the authentication mode, encryption mechanism and VLAN attributes for each SSID: Support

>Remote Intelligent Perception Technology (RIPT): Support

Intelligent Device Recognition Technology: Support

\*\*\*more on the next specification\*\*\*

	<p>&gt;Intelligent Load Balancing Based on the Number of Users or Traffic: Support</p> <p>&gt;STA Limit Control: SSID/Radio based</p> <p>&gt;Bandwidth Control: STA/SSID/AP-based security</p> <p>&gt;Support PSK and Web authentication</p> <p>&gt;Data Encryption: WPA (TKIP), WPA -PSK, WPA2 (AES), WPA3, WEP (64/128bits)</p> <p>&gt;PPSK authentication: Support</p> <p>&gt;802.1X authentication: Support</p> <p>&gt;PEAP authentication: Support</p> <p>&gt;Data Frame Filtering: Allowlist, Static/Dynamic Blocklist</p> <p>&gt;User Isolation: Support</p> <p>&gt;Roque AP Detection and Countermeasure: Support</p> <p>&gt;Dynamic Assignment: Support</p> <p>&gt;Radius: Support</p> <p>&gt;CPU Protection Policy (CPP) Support</p> <p>&gt;Network Foundation Protection Policy (NFPP): Support</p> <p><b>IP</b></p> <p>&gt;IPv4: Support Static and DHCP IP address</p> <p>&gt;Support Multicast to Unicast Conversion</p> <p>&gt;DHCP Service: Support DHCP Snooping, Option 82, Server, Clients</p> <p>&gt;Operation &amp; Management</p> <p>&gt;WS Series Wireless Controller Cloud (Public Cloud)</p> <p>&gt;Private Cloud</p> <p>&gt;Management Protocol: Telnet, SSH, TFTP, FTP, Web</p> <p>&gt;Wireless Intelligent AI Optimization Service (WIS): Support SNMP: Support V1, V2c V3</p> <p>&gt;Syslog /Debug: Support</p> <p>&gt;FAT/FIT/Cloud Managed Mode Firmware: Support FAT (Standalone) or FIT (WS Controller) or Cloud Managed</p> <p>***nothing follows***</p> <p>Delivery Terms: Forty-Five (45) Calendar days</p>		
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The following documents must be submitted from 9 May 2023 to 5:00 pm of 12 May 2023, directly to the Bids and Awards Committee Secretariat Office, located at Room 207, Admin. Building, RMSC, P. Ocampo Sr. St. Malate Manila:

1. PHILGEPS Registration or PHILGEPS Certificate
2. Updated Omnibus Sworn Statement (notarized) per GPPB Resolution 16 – 2020
3. 2023 Mayor's/Business Permit

Quotations must be properly labeled with the reference number on the project offered. In case the deadline falls on a non-working day, legal holiday, or special non-working holiday, the deadline shall be on the next working day

For additional information, please contact the Procurement Office at Telefax: 523-9831 Loc. 175/143

The Commission reserves the right to not accept any and all quotations or not award the contract on the following grounds:

- There is prima facie evidence of collusion;
- The BAC failed to follow prescribed procurement procedures; and or
- There are justifiable grounds where the contract will not redound to the benefit of the government without incurring any liability to the affected bidder/s.



**ATTY. GUILLERMO B. IROY, JR.**  
BAC Chairman

Date Posted on Philgeps and PSC website: May 9, 2023

RFQ042023