



REPUBLIC OF THE PHILIPPINES  
**PRESIDENTIAL COMMUNICATIONS OPERATIONS OFFICE**  
*Tanggapang Pampanguluhan sa Operasyong Pangkomunikasyon*  
Malacañang, Manila

**SUPPLEMENTAL BID BULLETIN No. 006**  
**PROCUREMENT OF INFORMATION TECHNOLOGY (IT) EQUIPMENT**  
**AND SOFTWARE APPLICATIONS**  
**(PROCUREMENT CONTRACT No. 2019-PCOO-I-008a)**

**17 JULY 2020**

**Amendments to Section VII**  
**Technical Specifications**

Upon consideration of all the issues and concerns raised by the suppliers during the Preliminary Conference held on 15 July 2020 regarding the technical specifications, the Bids and Awards Committee (BAC) resolved to modify the technical specification for the said lot, particularly for **Lot B on Wireless Controller (Item 1)** as follows:

Lot B			
Approved Budget for the Contract: Php 1,832,200.00			
I.T Negotiated Procurement			
1			
Wireless Controller (with 25 Access point Licenses)			
Qty: 1			
<b>SBB no. 004</b>		<b>Modified (NEW)</b>	
MINIMUM TECHNICAL SPECIFICATIONS	SPECIFICATIONS	MINIMUM TECHNICAL SPECIFICATION	SPECIFICATIONS
Hardware Features	<u>1U to 2U</u> At least two port 10/100/1000Mbps (Redundant port) Power Supply 100~240V AC	Hardware Features	1U to 2U At least two port 10/100/1000Mbps (Redundant port) Power Supply 100~240V AC
Software Features	Up to 500 Access Points that can be managed.	Software Features	<u><b>Up to 150 Access Points that can be managed.</b></u>
	At least 1,024 WLAN supported.		At least 1,024 WLAN supported.

	Built-in DHCP server		Built-in DHCP server
	Web Based Dashboard GUI		Web Based Dashboard GUI
	1+1 redundancy with auto synchronization		1+1 redundancy with auto synchronization
	Mesh Networking control and monitoring		Mesh Networking control and monitoring
	WISPr Client Support		WISPr Client Support
	Support band balancing		Support band balancing
	With built-in captive portal		With built-in captive portal
	Support ActiveDirectory/RADIUS/LDAP		Support ActiveDirectory/RADIUS/LDAP
	Local authentication database		Local authentication database
	Dynamic VLAN assignment		Dynamic VLAN assignment
	Support guest access		Support guest access
	BYOD, ZeroIT		BYOD, ZeroIT
	Support Hotspot WISPr		Support Hotspot WISPr
Licenses	With Points	Licenses	With Points
Compatibility	Wireless Controller must be compatible with the existing Access Point. (Ruckus Zoneflex R300 and R310)	Compatibility	Wireless Controller must be compatible with the existing Access Point. (Ruckus Zoneflex R300 and R310)
Warranty	1 Year Warranty	Warranty	1 Year Warranty
Others	Installation, Configuration & End user free Training	Others	Installation, Configuration & End user free Training

In addition, this Committee received several questions from Mr. Gerry Reyes of Sim Computer Sales Inc. on **Lot A (Bandwidth Management Appliance)**. The questions were referred to the End-User, who in turn, furnished this Committee with the following responses which this Committee hereby adopts:

- 1) In your Bandwidth Management Appliance what is the solution requirements needed by PCOO?

- The primary requirement is a bandwidth manager, with traffic shaping capability, link load balancing and an additional feature for granular application control that should be deployed behind our firewall.
- 2) How is the traffic/ bandwidth management done? Is it via user, application or source IP? Do you require specific policies on how bandwidth is allocated on user's and applications?
- The bandwidth management should be strictly based on both users and applications. Example: VIP users will be provided a guaranteed bandwidth of 10Mbps or more in all applications, while guest and regular users will be given a limited bandwidth of 1Mbps and can only access social media and video streaming sites.
- 3) How can you authenticate the users? Do you require Single-Sign On?
- Authentication of users must be done by our authentication server (it's an Active Directory and built-in user database). We also prefer social media authentication such as Facebook and Google for guest users. SSO is preferred. We also prefer to bind the mac and IP addresses on the users for a tighter authentication policy.
- 4) Under URL Filtering Requirement, do you also intend to block specific applications related to that website?
- The end-user agrees on blocking specific applications. For example, social media platform content filtering. e.g Facebook messenger and content (text, images) are allowed but video streaming content is blocked. We also intend to block popular online video games such as Dota 2, Mobile Legends, CSGO and League of Legends. Granular application control features for bandwidth management are preferred.
- 5) How about for Proxy Control Requirements, does it pertain to blocking of Proxy Applications?
- The end-user affirms to the blocking of proxy applications. Part of the requirement for bandwidth management solution is to block proxy browsers such as TOR, Psiphone, Ultrasurf, CyberGhost etc. Our existing firewall cannot block certain or specific user account

6) What QoS requirements are needed for the Bandwidth Management Appliance?

- The device must be able to provide quota-based bandwidth management policies tailored per device, IP or per user, e.g. bandwidth allocation quota and Date/Time base access:

Example: The regular or guest user will only be given a 2-hour internet access and 50MB bandwidth data for specific period e.g Monday to Friday from 9am to 6pm. However, when the allocated 50MB data is consumed, the regular or guest user will be disconnected from the internet.

7) For Detailed Reporting requirements, what specific information do you need to record?

- For reporting, the end-user wants to focus on detailed reporting regarding internet activities. These include but not limited to all the websites browsed by the users as well as the uploaded files. We also want a detailed report on the most popular applications and websites and also the users who consumed the most bandwidth. These pieces of information can help us improve our security and access policies and also determine how productive our employees during working hours.

For more information, interested suppliers are advised to send their written requests for clarifications to:

**Atty. MARK ANTHONY C. DE LEON**

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(ORIGINAL SIGNED)

**Atty. MARVIN R. GATPAYAT**

*Chairperson*

*Bids and Awards Committee – I*

CERTIFICATION

The Schedule of Requirements and Technical Specifications are in conformity with the requirements of the end-user unit.

(ORIGINAL SIGNED)

EMMANUEL ALVERO

End-User Representative