



Bid Bulletin No. 03
09 January 2012

Bid Bulletin No. 03 (to be enclosed in the Technical Proposal and to be marked accordingly) is hereby issued for the information of all Prospective Bidders relative to the bidding for the Supply, Delivery, Installation & Commissioning of Network Security and Wireless Mesh Equipment:

A. Additional clarifications:

1. For Wifi Solution:

There must be these following features - Rogue AP detection, DoS attack prevention, Password guessing protection, Rate limiting. They are mandatory. The Rogue AP mitigation of aerohive must comply with the rogue AP detection category.

2. Long Range Wireless Point to point/Multi Backhaul:

a. TCP throughput requirement is 90mbps.

b. For Ethernet Port Speed, provide a 10/100/1000 managed switches because it will also be used for other things aside from the wireless mesh.

3. Prospective bidders can conduct a site survey of the Manila Control Tower, Manila Radar, and the Hangar. FOBS is not included. Prospective bidders should write a letter requesting for the said survey addressed to the CAAP Security and Intelligence Service (CSIS). Please indicate the names of the personnel (maximum of two) who will conduct the survey and bring along an NBI Clearance.

4. Delivery and Installation will be 60 calendar days from receipt of the Purchase Order (P.O.) plus 30 calendar days for the commissioning, training, acceptance and closing of the project.

5. Wlan Controller:

Whatever technology the prospective bidder is providing, its design must have provisions for redundancy. So if the wireless controller is an appliance then they will need to provide redundancy for this component, unless the equipment has built-in redundancy in all of its major components.

6. Wifi Coverage is for indoor use only.

7. For structured cabling minimum installation requirements, PVC for building to building and flex hose cable and plastic molding for indoor is acceptable.

8. Switch to support PoE:

The switches will connect the access points to the network. If the access points use power over ethernet (PoE) then the switch must support the equipment.

9. Number of Switches needed:

For switches within CAAP main compound, it will be up to the prospective bidder's design to determine the actual switches that would be needed. For the off-site areas, at least one switch per site.

10. List of Wifi coverage:

- a. Main Building – all offices
- b. Annex 1 (Medical/Collection/RSD) – All offices except for X-ray , ECG, Laboratory and Optometry rooms located at the ground floor.
- c. FSIS Building – all offices
- d. ANS Tech Center – all offices
- e. Legal – all offices
- f. CNS-ATM PMO Bldg – all offices
- g. Canteen – not included
- h. Manila Airways Facilities Complex – 2nd floor only
- i. Manila Airways Facilities Complex Extension – not included
- j. Power Plant – not included
- k. New CNS ATM Bldg (under construction) – not included
- l. Old Technical Center (Supply/Area2/motor pool/AANSOO) – all offices

Off-site Locations:


- a. CATC – Administrative office, Audio Visual Room, Canteen on the ground floor only. All areas on second floor. Dormitory rooms are not included.
- b. Hangar – One (1) office room located at the ground floor
- c. Manila Approach Tower – Ground floor only (Conference room, FIC/ATS, equipment room, Nav aids, ANS, Maintenance lounge)
- d. Manila Radar – FIC Office, ATC Office, Chief Controller Office and ANS office

11. Page 6 of 10 of Section VII should be as follows:

Description for Network Security:

Item No	Qty	Description	
1	1 unit	Bandwidth Manager, Up to 45 Mbps of shaping 1024 Classes	
		Maximum Capacity	
		IP Flows (TCP/Other IP)	40,000/20,000
		Classes	1,024
		Dynamic Partitions	1,024
		Static Partitions	512
		Shaping Policies	1,024
		Max # of Matching Rules	2,562
		IP Hosts	20,000
		Active Tunnels	30
		Software Options and Upgrades	
		Monitoring Only	YES
		Link Speed with Shaping Options (bps)	2, 6, 10 Mbps
		Compression	20 Mbps
		Interfaces	
		Network Interfaces (in and out)	Copper 10/100/1000 Mbps
		LAN Expansion Module	Copper 10/100/1000 Mbps, Fiber SFP
		Interface Pairs	1 + LEM option
		Out of Band Management	YES
		Console Port	RS-232(AT-compatible) with male DB-9 Connectors
		Additional Features	
		Interoperability	XML, XML and CGI APIs, SNMP MIB, SNMP event traps, HP OpenView, infoVista, CA eHealth, Aprisma Spectrum, Micromuse Netcool
		Device Management	Console access, Web browser interface, Telnet CLI, SNMP MIB and MIB-II support
2	1 Unit	Gigabit LAN Expansion Module, Half Height, Copper, Two 1000 BaseT Ports	
3	1 Lot	24x7 L1-L3 Software Support & Training	
4	1 Lot	1 year Next Business Day Hardware Support	

- C. Opening of Bids will still be on January 19, 2012, at 2:00PM. Submission of Sealed Bid Documents (Technical and Financial Proposals) shall not be later than 2:00PM of the said date at the BAC Secretariat, Office of the Deputy Director General for Operations, New FSIS Building, MIA Road, Pasay City.
- B. In addition to the other requirements stipulated in the issued bid documents prospective bidders shall further accomplish the attached Bid Bulletin No. 3 dated 09 January 2012 to form part of the technical proposal.
- C. The CAAP-BAC reserves the right to reject any or all bids, to waive defects or formality therein and to accept bids considered responsive and most advantageous to the Government.


NAPOLEON L. GARCIA
Chairman, Bids and Awards Committee
Jan 11/12 