



REPUBLIC OF THE PHILIPPINES  
**PRESIDENTIAL COMMUNICATIONS OPERATIONS OFFICE**  
Malacañang, Manila, Philippines

## ***Supplemental/Bid Bulletin No. 2***

18 June 2018

### **PROJECT: PROCUREMENT OF IT EQUIPMENT AND IP PBX & IP PHONES (PROCUREMENT/CONTRACT NO. 2018-PCOO-I- 002)**

**(FORMERLY SUPPLY, DELIVERY AND INSTALLATION OF  
INFORMATION TECHNOLOGY [IT] EQUIPMENT AND SOFTWARE  
APPLICATIONS [PROCUREMENT / CONTRACT NO. 2018-PCOO-I-001])**

1. In response to the written requests submitted by prospective suppliers, the attached (revised) **Section VI. Schedule of Requirements** (Annex “A”) and **Section VII. Technical Specifications** (Annex “B”) are issued and respectively supersede said Sections in the Bidding Documents for captioned project.

2. To ensure proper identification of this procurement project, its title is hereby amended as follows: **Procurement of IT Equipment and IP PBX & IP Phones (Procurement/Contract No. 2018-PCOO-I-002)**.

3. Pursuant to Section 22.5 of the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184, this Supplemental/Bid Bulletin is issued for the information and guidance of all prospective bidders and shall form an integral part of the Bidding Documents issued for said project.

**Atty. MARVIN R. GATPAYAT**  
*Chairperson*  
(On Leave)

(ORIGINAL SIGNED)  
**Atty. OMAR V. ROMERO**  
*Vice-Chairperson*

## Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

<b>Item Number</b>	<b>Description</b>	<b>Quantity</b>	<b>Total</b>	<b>Delivered, Weeks/Months</b>
<b>1</b>	<b>Desktops</b>	25		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>2</b>	<b>Laptops</b>	7		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>3</b>	<b>Rack Mounted Servers</b>	2		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>4</b>	<b>Latest Licensed Office applications</b>	32		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>5</b>	<b>Firewall</b>	1		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>6</b>	<b>Dual Band Access Point</b>	10		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>7</b>	<b>GSM Gateway &amp; IP Phone</b>	1 lot w/ (30 units)		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.

<b>8</b>	<b>Network Attached Storage (NAS) fort CCTV</b>	<b>1</b>		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>9</b>	<b>UPS 10000VA 230V</b>	<b>1</b>		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>10</b>	<b>Core Switch Manageable</b>	<b>1</b>		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>11</b>	<b>Switch Manageable</b>	<b>2</b>		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.
<b>NOTHING FOLLOWS</b>				

# Annex “B”

## Technical Specifications

**1**

COMPUTER DESKTOPS	SPECIFICATION	STATEMENT OF COMPLIANCE
MINIMUM TECHNICAL SPECIFICATION:		
Processor	<b>At least</b> 3.2Ghz Processor, (6MB Cache)	
Memory	<b>At least 8</b> GB DDR4 2133Mhz Memory	
Optical Drive	<b>At least 8</b> x Sata Super Multi Drive	
Storage / Hard Disk	<b>At least</b> 1TB Sata 7200RPM HDD	
Audio - in / out jacks	Integrated	
Network Interface	Gigabit Ethernet 10/100/1000 <b>At least</b> WiFi 802.11 ac or Wireless USB Adapter	
Rear Video I/O connectors	Integrated Graphics	
Display Screen	<b>At least</b> 18.5" Widescreen LED Monitor <b>At least 1280 x 800 resolution</b>	
Pre-loaded Operating System	<b>Latest</b> 64Bit Pro Operating System	
Pointing Device	Optical Mouse	
Input Device	USB Keyboard	
Card Reader	SD Card Reader	
Others	Internal Speaker or External Speaker	
Form Factor	Small Form Factor	
Warranty	1 Year Warranty	

**2**

LAPTOPS	SPECIFICATION	STATEMENT OF COMPLIANCE
MINIMUM TECHNICAL SPECIFICATION:		
Processor	<b>At least</b> 1.6Ghz 6MB Cache	
Memory	<b>At least 8</b> GB DDR4 2133 Onboard Memory	
Optical Drive	None	
Storage / Hard Disk	<b>At least 1</b> TB Sata Hard Disk Drive	
Video camera	Camera <b>at least</b> HD 720P	
Graphics / Video Processor	Integrated or shared graphics	
Network Interface	<b>At least</b> 802.11ac Wifi, <b>LAN port</b> Bluetooth 4.0	
Display Screen	15.6" <b>or below</b> ; HD LED Display <b>at least 1280 x 800 resolution</b>	
Operating System	<b>Latest</b> 64Bit Pro Operating System	
Battery	<b>At least 2</b> Cell Battery ( Built-in )	
Standard I/O Ports	<b>At least 2</b> USBports (at least <b>1 USB 3.0 port</b> ) , Card Reader, HDMI	
Others	Free laptop bag Weight: <b>3Kg or below</b>	
Warranty	1 Year Warranty	

**3**

<b>RACK MOUNTED SERVERS</b>	<b>SPECIFICATION</b>	<b>STATEMENT OF COMPLIANCE</b>
MINIMUM TECHNICAL SPECIFICATION:		
Form Factor	Rack ( <b>1U</b> ), <b>1U</b> SFF Easy Install Rail Kit Server	
Processor	At least 1.7GHz/8-, 16 slots (8 per processor)	
	20MB/85W) Processor Kit	
	2 x Socket Guides	
	20MB Level 3	
Memory	<b>At least</b> 8GB (1x8GB) Single Rank x8 DDR4-2400	
	Registered Memory Kit	
Optical Drive	DVD-ROM or DVD-RW	
Power Supply	800W/900W AC Pwr Input	
Storage / Hard Disk	<b>At least</b> 2 x 300GB 6G SAS 10K 2.5in HDD	
	24x7 SuppPhys 1 SvrLic	
Network Interface	Ethernet 1Gb 2-port Adapter	
	Smart Array	
	Controller	
	8SFF Hot Plug	
Others	Server Backplane Kit	
	3 hot swap fans, non-redundant	
	Hardware Remote Management, Intelligent Provisioning	
	Hardware Remote Management Essentials	
Warranty	Warranty includes 1-Year Parts, 1-Year Labor,	
	1-Year onsite support with next business day response	

**4**

<b>LATEST LICENSED OFFICE APPLICATIONS</b>	<b>SPECIFICATION</b>	<b>STATEMENT OF COMPLIANCE</b>
MINIMUM TECHNICAL SPECIFICATION:		
Software applications	<b>Latest</b> (Word processing, spreadsheet & slides presentation) <b>for Business</b> . With individual DVD OEMinstaller without annual fees subscriptions. <b>Installable with the same CD key.</b>	

## 5

FIREWALL	SPECIFICATION	STATEMENT OF COMPLIANCE
MINIMUM TECHNICAL SPECIFICATION:		
<b>Installation, Configuration &amp; Enduser Training</b>		
Firewall throughput	13Gbps	
VPN throughput	2Gbps	
IPS throughput	3Gbps	
Antivirus throughput (proxy)	800Mbps	
Concurrent connections	4,000,000	
New connections/sec	70,000	
Maximum licensed users	At least 500 users	
<b>Physical interfaces</b>		
Hard drive	120GB integrated SSD	
Ethernet interfaces (fixed)	6 GE copper	
No. of Flexi Port slots	1	
Flexi Port modules (optional)	8 port GE copper	
	8 port GE SFP	
	2 port 10 GE SFP+	
I/O ports	2 x USB 3.0 (front)	
Others	1 x USB 2.0 (rear)	
	x COM (RJ45) (front)	
	1 x VGA (rear)	
	Display Multi-function LCD module	
	UTM Full Licenses	
	With next-generation-advanced-threat-defense	
	license	
	<b><u>Must be compatible with the existing Firewall.</u></b>	
Warranty	1 Year Warranty	

## 6

DUAL BAND ACCESS POINT	SPECIFICATION	STATEMENT OF COMPLIANCE
MINIMUM TECHNICAL SPECIFICATION:		
	<b><u>At least</u></b> Dual Band 802.11n Indoor Access Point	
	Secure Mounting bracket	
	Includes security screws	
	10 licenses-Single AP License upgrade license	
	quality Partner Support for Wireless Controller	
	<b><u>Access Point must be compatible with the existing wireless controller.</u></b>	
	One AP, upgrade for 1 Year	
Warranty	1 Year Warranty	

GSM Gateway & IP PHONE	SPECIFICATION	STATEMENT OF COMPLIANCE
MINIMUM TECHNICAL SPECIFICATION:		
GSM Gateway	<p>8Channel GSM Gateway</p> <p>Simple and convenient configuration via Web GUI Abundant Log Features</p> <p>Simple and convenient configuration via Web GUI Abundant Log Features</p> <p>Open API interface (AMI)</p> <p>Support T.38 fax relay and T.30 fax transparent,</p> <p>can continually fax multiple pages</p> <p>Echo cancellation and Static jitter buffer</p> <p>Support DTMF relay</p> <p>Support Ring cadence and frequency setting</p> <p>Support volume control</p> <p>Support MWI(Message waiting indicator)</p> <p>Support DHCP、DNS/DDNS、NAT networking</p> <p>Support diverse SIP protocols</p> <p>Diverse extensible applications, such as as IVR, DISA</p> <p>Support NTP time synchronization and client time synchronization</p> <p>Support modify username and password for web login</p> <p>Support SSH remote operation</p> <p>Support update firmware online</p> <p>Support configuration file backup and upload</p> <p>Support for custom scripts, dialplans</p> <p>Support restore the factory settings</p> <p>Support VAD and CNG</p> <p>Independent System for Each Module</p> <p>Affordable Price with Superior Performance</p> <p>Hot-swap Design for Modules</p> <p>Compatible with Asterisk, Elastix, 3CX,</p> <p>Free, switch Sip Server and VOS VOIP operating platform</p> <p>Service Charge.</p> <p><b><u>GSM Gateway must be compatible with the existing IP-PBX.</u></b></p>	

IP-Phone	HD Voice	
	Dual-port Gigabit Ethernet	
	PoE support	
	132 x 64-pixel graphical LCD	
	132 x 64-pixel graphical LCD	
	Up to 3 SIP accounts	
	codec support	
	Supports Dual-color LEDs	
	Headset support	
	Wall mountable	
	IPv6 support	
	Paperless design	
	Simple, flexible and secure <b><u>IP-Phone must be compatible with the existing IP-PBX.</u></b>	
Scope of Work	Installation, Configuration & Testing Enduser Training & Documentation	
Warranty	1 Year Warranty	

## 8

NETWORK ATTACHED STORAGE (NAS) FOR CCTV	SPECIFICATION	STATEMENT OF COMPLIANCE
MINIMUM TECHNICAL SPECIFICATION:		
CPU frequency:	<b>At least</b> 2.2Ghz	
RAM:	<b>At least</b> 8GB DDR4 ECC-SODIMM	
	Hotswappable HDD	
LAN:	10GbE SFP+ x 2 / 1GbE RJ45 x 1	
Max Internal Capacity:	<b>At least</b> 60TB ( 10TB x HDD x 6 )	
Warranty:	3 Years on Parts and Services	
Hard Drive	6 x 10TB HDD	
Video Output:	HDMI x 2	
Supported Video Resolution:	HDMI 1:4K ( 3840x2160, 30Hz/60Hz )	
HDMI 2:	1080P ( 1920x1080, 60Hz )	
Audio Input:	3.5mm Stereo Audio Jack x 1	
Audio Output:	3.5mm Stereo Audio Jack x 1	
LAN:	RJ45 1GbE Lan Port x 1	
USB port:	USB 2.0Port x 2 USB 3.0Port x 1	
Warranty:	1 Year Warranty on Parts & Services	



<b>Rack mounted UPS 10000VA 230V</b>	<b>SPECIFICATION</b>	<b>STATEMENT OF COMPLIANCE</b>
MINIMUM TECHNICAL SPECIFICATION:		
Output		
Output Power Capacity	10.0 KW / 10.0 kVA	
Max Configurable Power (Watts)	10.0 KW / 10.0 kVA	
Nominal Output Voltage	230V	
Output Frequency (sync to mains)	50/60Hz +/- 3 Hz	
Other Output Voltages	220, 240V	
	Crest Factor 3:1	
	Double Conversion Online	
	Waveform Type	
	Sine wave	
	Output Connections	
Input		
Internal Bypass (Automatic and Manual)		
Nominal Input Voltage	230V , 400 3PH	
Input Frequency	40 - 70 Hz (auto sensing)	
Input Connections	Hard Wire 3 wire (1PH+N+G) , Hard Wire 5-wire (3PH + N + G)	
Input voltage range for main operations	160 - 275 V	
Input voltage adjustable range for mains operation	100 - 275 (half load)V , 173 - 476 (half load)V	
Other Input Voltages	220 , 240 , 380 , 415	
Batteries & Runtime	Full Load: 3.8 min Half Load: 11.5 min	
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof Included Battery Modules	
Typical recharge time	1.5 hour(s)	
Control panel	Multi-function LCD status and control console Audible Alarm Audible and visible alarms prioritized by severity	
Emergency Power Off (EPO)	Yes	
Surge Protection and Filtering		
Surge energy rating	480 joules	
	ups SRT 19" Rail Kit	
Warranty	Preventive Maintenance for 3 Years Warranty: 3 Years on Parts of UPS and 2 Years on Battery	

**10**

<b>CORE SWITCH MANAGEABLE</b>	<b>SPECIFICATION</b>	<b>STATEMENT OF COMPLIANCE</b>
MINIMUM TECHNICAL SPECIFICATION:		
Speed and Ports	48 ports gigabit switch, 48G + 4SFP	
	Switch (Manageable) <u>Installation &amp; Configuration</u>	
Warranty	1 Year Warranty	

**11**

<b>SWITCH MANAGEABLE</b>	<b>SPECIFICATION</b>	<b>STATEMENT OF COMPLIANCE</b>
MINIMUM TECHNICAL SPECIFICATION:		
Speed and Ports	24 ports POE gigabit switch, 24G + 2SFP	
	Manageable Installation & Configuration	
Warranty	1 Year Warranty	
<b>NOTHING FOLLOWS</b>		