



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

SUPPLEMENTAL BID BULLETIN No. 001

*Negotiated Procurement of Information Technology (IT) Equipment
and Software Applications*

Contract No. 2019-PCOO-1-008a
Monday, 17 February 2020

For the guidance of all prospective suppliers, this Bid Bulletin shall amend the relevant provisions of the Invitation for Negotiated Procurement of IT Equipment and Software Applications posted on **10 February 2020**.

Amendments to Section VII Technical Specifications

In order to ensure maximum suppliers' participation in the procurement process, the members of the Bids and Awards Committee (BAC)-I, voting unanimously, and with the conformity of the end-user, approved the request of the suppliers present during the Preliminary Conference held on 17 February 2020 to partition the Procurement Project into **TWO (2) LOTS**. Hence, the Approved Budget for the Contract (ABCs) and the descriptions for each lot are as follow:

LOT 1					
Approved Budget for the Contract: PHP 3,800,000.00					
1. Bandwidth Management Appliance					
Minimum Technical Specifications		Qty.	Delivery Time	Payment Mode	Statement of Compliance
Identifying user	Must support user identification base on IP, MAC, and hostname.	1	Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payment	
User account importing	CSV file user account information import, and support user synchronization with LDAP, database and H3C CAMS Server				
Main authentication	Must support password based, SMS, WeChat, QR code, Facebook, LDAP, RADIUS, Pop3, CAS, H3C CAMS authentication.				

X ----- X

Integration and SSO option	Must support single sign-on authentication base on Active Directory, Radius POP3, Proxy Web Server, HTTPAPI, and Database Server.				
Account attribution	Must support custom account attribution and access control base on account attribution.				
Account binding	Must support IP, MAC bind with user account.				
Access control, Application control	Application Database must support more than 2500 app. Rules. Include cloud, web and mobile application categories and self-define app rules. Database application rule update: < 1 mos.				
URL filter	Must support 10 (ten million) URLs of URL database: Sub-filter categories includes: e.g. pornography, gambling, games and illegal drugs. Must support self-define URL groups. Must support websites filter base on URL, keyword search and file types. Support URL redirect if system blocks illegal URL. Support page customization.				

X-----X

Enhanced email control	Must support control and audit of email base on source address, destination address, keywords in email, keywords in body/title, and attachment type/size/count. Must support blocking and auditing of Gmail, Yahoo mail, Hotmail via Fox mail, Outlook, and Flash mail client. Must support blocking and auditing of web mail base on sender and receiver information, key word, attachment file type for application such as Exchange and Hotmail.				
Enhanced IM control	Must support comprehensive management and IM tools. (Yahoo, Google-talk, web-MSN, encrypted IM such as Skype, web-WeChat, WeChat, Facebook messenger, Line, Telegram, WhatsApp messenger and QQ).				
Enhanced social media application control	Must support encrypted social media application management (Facebook, Twitter, Instagram, LinkedIn).				

X-----X

Enhanced Forums Management	Must support forum identification and control e.g. detik.com, compass.com: support content filtering based on key words. Support forums and web sites auditing including records of destination URL, title, content and content search based on key word.				
key words filtering	Must support keywords filtering for search engine (Google, Yahoo, and Bing).				
SSL traffic control	Support SSL protocol application identification and control for Facebook, Twitter, You tube, Google search, Dropbox, Skype, WeChat, web-WeChat, QQ, Facebook messenger, Line, Telegram, WhatsApp, and HTTPS based website (Desktop/Mobile)				
Proxy control	Must support anti-proxy function: proxy tools control and identification: (free Gate, Ultra surf, Psiphon, TOR, Free VPN, Green VPN, Opera Turbo, Tuna Proxy, Ways online, Zen mate, Ad Net, VPN123 ,secure vpn.)				

X-----X

BANDWIDTH MANAGEMENT Dynamic bandwidth management Advanced P2P control	Support dynamic bandwidth management: Average allocation/dynamic allocation in single user traffic pipe. Support accurate identification and management of known variant of encrypted and unknown P2P behaviors. (Xunlei P2P, BT, eMule, Ares, Bit Torrent sync, P2P-NAT, P2P Behavior)				
Report center, Report objects	Support logs search base on time, IP address, end point devices, application flow/action.				
Traffic ranking	Support application traffic ranking, URL category traffic ranking, URL traffic ranking, application duration ranking, URL category traffic ranking, URL traffic ranking, file upload ranking, IM ranking, Email and microblog ranking, term search ranking, and endpoint device ranking.				
Traffic trend	Support application access trend: URL category access trend, TOP talks URL trend, endpoint access trend.				

X-----X

Real-time report Content log	Support Real-time monitor: CPU/hard disk/ traffic/ connection / session status, online user information, traffic ranking, connection ranking and real-time utilization visibility of bandwidth channels.				
Customizable risk report	Support content logging: IM chat (Gtalk, Skype, QQ, and Yahoo! Messenger); SMTP and Web mail content and attachment (Gmail, Yahoo, Exchange), keyword search (Google, Bing).				
API interface Proxy Tools Block, Multiple Manage Methods	Must support API interface for data export to 3rd party system.				
	Support multiple management of anti-proxy. Identify, warn and block user's login using proxy tools. Ability to block proxy tools download link.				
Multiple proxy tools block	Must support anti-proxy function, support proxy tools block. (FreeGate, Ultrasurf, Psiphon, TOR, FreeVPN,				
Blocking Log	GreenVPN, Opera Turbo, TunaProxy, Waysonline, Zenmate, AdNet, VPN123, secure				

X-----X

	vpn.) Support proxy tools blocking log.				
Virtualized bandwidth management, Multi-platform Integration	Support separate software/hardware architecture e.g. x86 server				
Hardware Specifications	Device Dimension: At least 2U				
	At least HD Capacity: 1TB				
	Maximum Concurrent Users: 6000 user				
	Power (Watt): 350W				
	Hardware Bypass port (Copper): 3 pairs				
	Ethernet port: 6 (10/100/1000 Base-T)				
	Serial port: RJ45x1				
	USB port: 2				
	Application Layer Throughput: 1.2 Gbps				
	FW Throughput : 2.1Gbps				
External Switch	48 port Gigabit Manageable Switch, Non-POE (separate unit)				
Others	Installation, Configuration and End-user free Training				
Warranty	3 years hardware and subscriptions license, including External Switch				

LOT 2- Other IT Equipment and Software Application				
Approved Budget for the Contract: PHP 1,832,200.00				
1. Wireless Controller (with 25 Access point Licenses)				
Minimum Technical Specifications	Qty .	Delivery time	Payment Mode	Statement of Compliance

X-----X

Hardware Features	At least 1U rack mountable Easy discovery from PC using UPnP Manage multiple locations Two 1000 Mbps ports for full redundancy Lifetime warranty coverage	1	Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payment	
Software Features	Central control and configuration of up to 500 APs Support for 1,024 WLANs Integrated DHCP server Easy-to-use setup wizard Ultra-intuitive GUI 1+1 redundancy with auto synchronization Smart Mesh Networking control and monitoring Real-time client admission control Load-balancing, admission control Customizable dashboard Dynamic RF channel and power mngt. Quality of Service with WLAN prioritization, band steering and airtime fairness WISPr Smart Client Support Band balancing Integrated captive portal Native Active Directory/RADIUS/LDAP support Local authentication database Dynamic VLAN assignment Guest access BYOD, Zero IT, Dynamic generation of unique Pre-Shared Keys Rogue AP detection and graphical map view				

X-----X

	location services support Hotspot authentication using WISPr				
Licenses	With licensed for 25 Access Points				
Compatibility	Wireless Controller must be compatible with the existing Controller (Zone Director 1200) and Access Point (Ruckus Zoneflex R300 and R310).				
Warranty	1 Year Warranty				
Others	Installation, Configuration & End user free Training				
2. Network Video Recorder (NVR) for CCTV Storage					
Minimum Technical Specifications		Qty.	Delivery Time	Payme nt Mode	Statement of Compliance
Video/Audio Input	IP Video Input 64- ch Two-way Audio Input 1-ch, BNC	1	Delivere d and complete ly installed within forty-five (45) calendar days from receipt of the Notice to Proceed.	One Time Payme nt	
Network	Incoming Bandwidth 384Mbps Outgoing Bandwidth 384Mbps Remote Users 128 Protocols P2P, UPnP, NTP, DHCP, PPPoE				
Video/Audio Output	HDMI/VGA Output VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200 /60Hz, 1280x1024/60Hz, 1280x720 /60Hz, 1024x768/60Hz HDMI1:4K(3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p/50Hz, 1600x1200/60Hz,1280 x1024/60Hz 1280x720 /60Hz, 1024x768 /60Hz				

X-----X

	HDMI2: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz				
	Recording Resolution 12MP/8MP/6MP/5 MP/4MP/3MP /1080p/960p/720 p/D1/2CIF/CIF				
	Audio Output 1-ch, BNC				
	Synchronous Playback 16-ch				
	Corridor Mode Screen 3/4/5/7/9/10/12 /16/32				
Decoding	Decoding format Ultra 265, H.265, H.264 Live view/Playback 12MP/8MP/6MP/5 MP/4MP/3MP/ 1080p/960p/720p /D1/2CIF/CIF Capability 4 x 12MP@20, 4 x 4K@30, 16 x 1080p@30, 36 x 720p@30, 64 x D1				
Hard Disk	10 pcs SATA 10TB HDD SATA 16 SATA interfaces HDD can support up to 10TB for each HDD Esata 1 eSATA interface miniSAS 2 miniSAS ports				
Features	VCA Detection Face detection, Intrusion detection, Cross line detection, Audio detection,				

X-----X

	Defocus detection, Scene change detection, Auto tracking VCA Search Face search, Behavior search Statistical Analysis People counting				
Disk Array	Can support Array Type RAID 0/1/5/6/10/50/6 0				
External Interface	Network Interface 4 RJ-45 10M/100M/1000 M adaptive Ethernet Interface 2 1000M SFP Ethernet Interface Serial Interface 1 x RS232, 1 x RS485 USB Interface Rear panel: 4 x USB3.0 Alarm In 24-ch Alarm Out 8-ch Decoding Card (optional) 2 slots (4-ch HDMI or 6- ch HDMI outputs per card) Power Output 12V				
Power	Power Supply 100 ~ 240V AC Power Consumption: ≤ 50 W 2 units redundant power supply				
Compatibility	NVR must be compatible with the third-party IP cameras supported *Existing IP CCTV Cameras and NVR are AVTECH and UNIVIEW brands				
	with ONVIF conformance: Profile S, G, C, Q, A, T				

X ----- X

Others	Installation, Configuration & End user free Training				
Warranty	1 year				
3. Two-Factor Authentication (2FA)					
Minimum Technical Specifications		Qty.	Delivery Time	Paymen t Mode	Statement of Compliance
Compatibility	Word press (at least version 5.x)	1	Delivere d and complete ly installed within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payme nt	
User Accounts	At most 50 users				
Multi-Factor Authenticatio n (MFA)	Supported				
Two-Factor Authenticat ion Methods	At least: Universal 2-Factor (U2F) SMS Passcodes Push Notification Phone Callback Security Tokens Bypass Codes				
Features	Works when no cellular coverage				
Device Support	Smartphones, Desktops				
Code Generation Algorithm	Time-based One- Time Passcodes; HMAC-based One-Time Password				
4. Secure Socket Layer (SSL) Certificate					
Minimum Technical Specifications		Qty.	Delivery Time	Paymen t Mode	Statement of Compliance

X-----X

Validation type (Trust Level) Signature Algorithm Strength Key Encryption Strength Cryptographic Protocol Version Compatibility Underwritten Warranty OTHERS: Certificate Provider Qualifications Vendor Qualifications SSL/Website Security Checker with evaluation reports Inclusive features	Extended Validation At least SHA-256 with ECC option At least 2048-bit At least TLS 1.2 All browsers and devices At least USD 1,500,000 Global Public Certification Authority ●Local technical support team ●Support provision from 9AM to 6PM Monday thru Friday ●Local support availability thru phone and email included ●Clickable Secure Site Seal ●Free Certificate Inventory Tool (CIT) Secure domain.com with and without www	2	Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payment	
--	--	---	--	------------------	--

5. Uninterruptible Power Supply (UPS)

Minimum Technical Specifications		Qty.	Delivery Time	Payment Mode	Statement of Compliance
Rating (VA/W)	20kVA/16kW	1	Delivered and completely installed within forty-five (45) calendar days from receipt of the	One time payment	
Format	Tower				
Electrical Characteristics					
Technology	Online double conversion				
Input voltage	220/230/240V				
Input voltage range without derating (up to 110-276V with derating)	176-276V without derating (up to 110-276V with derating)				
Output voltage/THDU	220V/230V/240V ±2 %, THDU				
Input frequency range	45Hz-66Hz, 50/60Hz auto selection				

X-----X

Efficiency	Up to 93% in Online mode, 97% in ECO mode		Notice to Proceed.					
Short circuit current	273A							
Overload capacity	105%-110%:5min,110%130% : 1min, 130%-150% :							
	10s, >150% : 100ms							
Connections								
Input	Terminal block							
Outputs	Terminal block							
Typical backup times at 50% and 75% load								
9E	15/9							
9E + 1 EBM	27/19							
9E + 4 EBM	82/54							
Communication								
Communication ports	1USB port + 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously)							
Communication slot	1 slot for Network-MS, ModBus-MS or Relay-MS cards							
Software	Intelligent UPS Software							
Operating conditions,								
Standards and Approvals								
Operating temperature	0 to 40°C							
Noise level	<55dB							
Safety	IEC/EN 62040-1							
EMC, Performance	IEC/EN 62040-2							
Approvals)	CE, CB report (TUV)							
Rack								
Managed Rack	Outlet grip plug retention, color-coded outlet							
	sections, branch circuit protection							
Warranty	1 year							
6. Satellite Wifi Hotspot								
Minimum Technical Specifications		Qty	Delivery Time	Payment Mode	Statement of Compliance			
Main unit		2						

X-----X					
Geographic Coverage	At least Asia and Europe		Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payment	
Network	At least 2 Geostationary Satellites				
Firmware Version	At least includes English				
Main power supply adapter (AC Power Range)	Minimum of At least 100V Maximum of At least 240V				
Battery Life - Talk Time	At least up to 3 hours				
Battery Life - Standby Time (With WIFI)	At least up to 9 hours				
Battery Life - Standby Time	At least up to 70 hours				
Services	At least Satellite calls, SMS and data				
Compatibility	At least iOS and Android				
Inclusions	At least SIM, charger, stand, user manual				
Satellite Data Speed	At least up to 60 kbps of Download Speed At least up to 15 kbps of Upload Speed				
Weight	At most 300 grams				
Dimension	At most 169 x 75 x 42 mm				
SOS/Assistance Button	Included (if applicable)				
Warranty / Liability Program	Included (if applicable)				
Warranty	1 year				
Inclusive of SIM with US\$120 preload value valid for 365 days (VAT inclusive)					
Additional load for Data	250 units of additional load	4			

X-----X

7. Satellite Phones					
Minimum Specifications		Qty	Delivery Time	Payment Mode	Statement of Compliance
Geographic Coverage Network Frequency Firmware Version PC Compatibility (for Firmware upgrades) Battery Life - Talk Time Battery Life - Standby Time Satellite Antenna Services Inclusions Weight Dimension Network features Organizer features Warranty / Liability Program	At least Asia and Europe L-band At least includes English Windows At least up to 6 hours At least up to 80 hours Omni-directional At least Satellite calls and Satellite SMS At least SIM, charger, stand, user manual At most 186 grams At most 128 x 53 x 27 mm At least: Voice mail At least: World time Included (if applicable)	2	Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payment	
Warranty	1 year				
*Inclusive of SIM with US\$120 preload value valid for 365 days (Vat Inclusive)					
Additional load for Voice	250 units of additional load	4			
NOTHING FOLLOWS					

Other Clarifications

- All prospective suppliers are hereby advised to submit their eligibility and technical documents in a manner compliant with the procedures/guidelines in submitting documents for public bidding, to the PCOO BAC Secretariat on or before **20 February 2020, 9:00 A.M.** Failure to submit the first and second envelopes within the above-mentioned deadline shall disqualify the supplier from further participating in the procurement project.
- The evaluation of the eligibility documents will be held on **20 February 2020, 10:00 A.M.** at the 4th Floor, Conference Room, New Executive Building, Malacañang Compound, Manila.

X ----- X

- Eligible suppliers who may have submitted incomplete documents on 20 February 2020 will be notified accordingly, and will be required to furnish said deficiencies on or before **21 February 2020, 9:00 A.M.**
- The second envelopes of eligible suppliers will be opened and evaluated on **21 February 2020, 10:00 A.M.**

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

Atty. MARK ANTHONY C. DE LEON

Director for Procurement Management
Head – Bids and Awards Committee Secretariat
Presidential Communications Operations Office
Basement Level, New Executive Building
Malacañang Complex, Manila
Telefax No: (+632) 8-735-6170
Email: pcoo.bac@gmail.com (cc: pcoo.ppsd@gmail.com)
Website: <https://pcoo.gov.ph>

(ORIGINAL SIGNED)

USec. 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

S