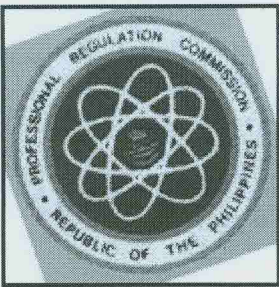




Bids and Awards Committee

Republic of the Philippines
Professional Regulation Commission
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BID BULLETIN NO. 1 June 7, 2018

PROJECT: PROCUREMENT OF VARIOUS IT EQUIPMENT:

LOT 1 – PROCUREMENT OF SINGLE CORE SWITCH WITH TOTAL APPROVED BUDGET FOR THE CONTRACT OF ONE MILLION EIGHT HUNDRED FIFTY-TWO THOUSAND SEVEN HUNDRED SIXTY-TWO PESOS AND FORTY-FIVE CENTAVOS (Php1,852,762.45) – (ITB No. 2018-17)

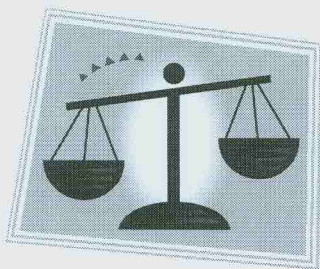
LOT 2 – PROCUREMENT OF UNINTERRUPTIBLE POWER SUPPLY (UPS) WITH TOTAL APPROVED BUDGET FOR THE CONTRACT OF ONE MILLION EIGHT HUNDRED FORTY-EIGHT THOUSAND PESOS (Php1,848,000.00) – (ITB No. 2018-18)

Please be advised of the following modifications/amendments to the Bidding Documents.

1. Section VII. Technical Specifications shall now read as follows:

Lot 1: Procurement of Single Core Switch (ITB No. 2018-017)

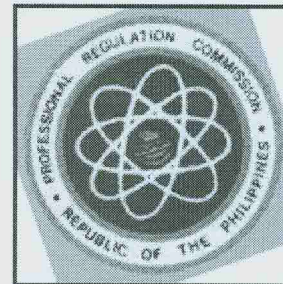
Items	Description	Quantity
LOT 1	3. PERFORMANCE AND SCALABILITY	
	Must at least have the following:	
	3.1. 800 Gbps switching capacity	
	3.2. Can support up to 250 Mpps of throughput for IPv4 and 125Mpps for IPv6	
	3.3. Must be capable of Virus Switching System (VSS) or equivalent	
	3.4. 4 GB of SDRAM	
	3.5. 2GB NVRAM	
	3.6. Total VLANs min. 4,000	
	3.7. Total switching virtual interfaces (SVIs) 4,000	
	3.8. Jumbo frame min. 9198 bytes	
	4. MANDATORY REQUIREMENT	
	4.1. Bidders must submit a Certificate of partnership agreement between them and the Manufacturer of the device (Core Switch), giving them the authority to be the distributor or re-seller of the said device.	
	4.2. Bidders must have employed the following Manufacturer Certified Engineers for routing and switching: A. At least One (1) Internet Work Expert; and B. At least Two (2) Network Professionals. <i>NOTE: Please provide proof of employment and their expertise such as Company ID and Certification from the Manufacturers during the submission of bid.</i>	
	5. FEATURES	
	5.1. Port aggregation technology, where ports should not be contiguous or on the same module when configuring LACP (IEEE 802.3ad LACP or any other)	
	5.2. Port Security and DHCP Snooping	
	5.3. Traffic storm control	
	5.4. IEEE 802.1Q VLAN Trunking	
	5.5. Platform must have the ability to apply QoS configuration on a Per Port or Per Vlan or Per Port, Per Vlan Granularity	
	5.6. Management and Troubleshooting Requirements	
	- Switched Port Analyzer (SPAN) and Remote Switched Port Analyzer	



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(RSPAN) that support for source ports and destination ports that are distributed across multiple switches, allowing remote monitoring of multiple switched across your network

- Integrated Security Features include Port Security

5.7. Dual stack support for IPv4/IPv6 and Dynamic hardware forwarding-table allocations for ease of IPv4-toIPv6 migration

5.8. In-Service Software Upgrade (ISSU) support

5.9. Ethernet: IEEE 802.3

5.10. 10 Gigabit Ethernet: IEEE 802.3ae

5.11. IEEE 802.1D Spanning Tree Protocol

5.12. IEEE 802.1w Rapid Reconfiguration of Spanning Tree

5.13. IEEE 802.1s Multiple VLAN Instances of Spanning Tree

5.14. IEEE 802.3ad LACP

5.15. IEEE 802.1p CoS Prioritization

5.16. IEEE 802.1Q VLAN

5.17. IEEE 802.1X User Authentication

5.18. IEEE 802.1X-Rev

5.19. RMON I and II standards

5.20. USGv6 IPv6 Gold Logo Certified

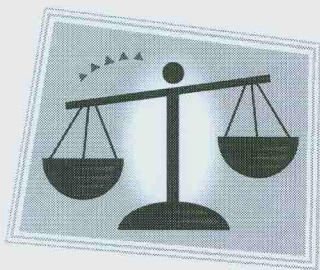
5.21. Support for IPv4 and IPv6 routing

5.22. Must have IP unicast routing protocols (Static, Routing Information Protocol Version 1 [RIPv1], and RIPv2, RIPng)

5.23. Must support dynamic routing protocol and advance Layer 3 features such as EIGRP Stub Routing, OSPF, BGP, PIM, and IPv6 routing such as OSPFv3.

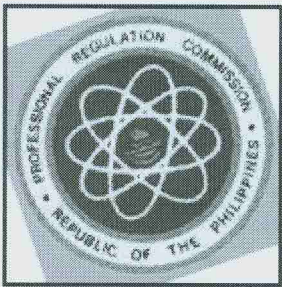
Lot 2: Procurement of Uninterruptible Power Supply (UPS) (ITB No. 2018-018)

Items	Description	Quantity
LOT 2	1. UNINTERRUPTIBLE POWER SUPPLY (UPS)	600
	650VA/325 Watts Back-UPS	
	1.1. Output	
	650VA (Full Load) / 325W (Minimum)	
	1.2. Output Voltage / frequency (On Utility)	
	230V/45-62Hz	
	1.3. Output Voltage / Frequency (On Battery)	
	230v+/- 10%, 50 or 60Hz +/- 1Hz (auto sensing)	
	1.4. Output connections	
	Minimum of 2 Universal Outlets (with battery back-up and surge protection) or NEMA 5-15R	
	1.5. Waveform Type	
	Stepped Aproximation to Sine Wave	
	1.6. Input Voltage / Frequency	170 – 280V / 50/60Hz +/-1Hz
	1.7. Input Connection	
	NEMA 5-15P	
	1.8. AC Power Surge Protection	
	ALL Outlets	
	1.9. Unit Dimension (H x W x D)	Approximately 142 x 101 x 300 mm
	1.10. Unit Weight	
	Approximately 4.4 Kg	



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1.11. Battery Type	Maintenance-free, sealed lead-acid battery, leak proof
1.12. Battery Size	12V, 7Ah
1.13. Alarms	Visual (LED) and audible alarms
1.14. Automatic Voltage Regulator	Built-In
1.15. Warranty	At least 1 Year

Please be guided accordingly.

ATTY. ARISTOGERSON T. GISMUNDO
Assistant Commissioner
BAC Chairman