

SUPPLEMENTAL / BID BULLETIN NO. 2

Title : Subscription of Managed Local Area Network Services for DSWD Central Office and NROC

ITB No. : GOP/19-DSWD-006

Date : 04 January 2019

This Supplemental/ Bid Bulletin is issued to all prospective bidders announcing changes and clarifications in the Bidding Documents, to wit:

I. Section II. Instructions to Bidders

Particulars	Bidder's Clarification	DSWD Response
Eligibility Requirements: • Mayor's Permit	Is 2018 Mayor's/ Business Permit acceptable since the Bid Opening falls in the first week of January 2019 and the renewal of permits are still on the process by that time?	2018 Mayor's/ Business Permit <u>and</u> Official Receipt of the payment for 2019 Mayor's/ Business Permit are acceptable during Bid Opening. However, during Post Qualification, the SCB/LCB must submit the 2019 Mayor's/ Business Permit.

II. Section III. Bid Data Sheet

Particulars	From	To
ITB Clause 29.2	4. Certification that the offered brand is an international brand, and have been continuously marketed in the Philippines for the last ten (10) years; <i>(Original and duly notarized)</i>	4. Certification that the offered brand is an international brand, and have been continuously marketed in the Philippines for the last ten (10) years; For those brands that are have not yet met the 10 years presence in the Philippines but have been able to market in other countries for 10 years, certification that the offered brand is an international brand, and have been continuously marketed in at least five (5) different countries. <i>(Original and duly notarized)</i>

	8. Certificates from ANSI, TIA, EIA and ISO/IEC 11801 that the Service Provider is a certified installer of structured cabling system. <i>(Certified True Copy)</i>	The brand for the cabling should be at least certified by one of the following entities: TIA, EIA, or ISO/IEC11801. <i>(Certified True Copy)</i>
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III. Schedule of Requirements

Particulars	From	To
Timeline/ Schedule of Deliverables	<ul style="list-style-type: none"> Supply, Delivery, Installation, Testing and User Acceptance - Within one hundred twenty (120) calendar days upon receipt of Notice to Proceed (NTP) 	<ul style="list-style-type: none"> Supply, Delivery, Installation, Testing and User Acceptance - Within seventy (70) calendar days upon receipt of Notice to Proceed (NTP)

IV. Section VII. Technical Specifications

A. Changes

Particulars	From	To
2.3. Core Switch (2 units)	2.3.1. I/O ports & slots: at least 8 module slots; 32x10GbE SFP+ transceiver slots; 8x 40/100 GbE transceiver module; 1 management module; 2 fabric modules	2.3.1. Modular switch chassis with at least 8 service module slots, inclusive of service cards which support at least 32x10GE SFP+ ports inclusive of at least 1 management module and at least 2 fabric modules. The switch should also be able to support at least 8 of 40GE ports for future expansions.
	2.3.2. Power supplies: ≥4 units power supplies required	2.3.2. Power supplies: ≥2 units power supplies required
	2.3.7.3. Resiliency and High Availability - All hot-swappable modules, Redundant and load-sharing fabrics, management, fan assemblies, and power supplies, Separate data and control paths, Virtual Router Redundancy Protocol	2.3.7.3. Resiliency and High Availability - All hot-swappable modules, Redundant and load-sharing fabrics, management, fan assemblies, and power supplies, Separate data and control paths, Virtual Router Redundancy Protocol (VRRP), Device Link

	(VRRP), Device Link Detection Protocol (DLDP), and IEEE 802.3ad Link Aggregation Control Protocol (LACP)	Detection Protocol (DLDP) or equivalent protocol, and IEEE 802.3ad Link Aggregation Control Protocol (LACP)
	2.3.7.6. Management - CLI, SNMP v2c /v3, sFlow (RFC 3176), TFTP & SFTP support, Network Time Protocol (NTP), and IEEE 802.1AB Link Layer Discovery Protocol (LLDP); The core switch should be able to virtualize the distribution switch, access switch and access points so that there is only one management node in the whole network to simplify the management of the network	2.3.7.6. Management - CLI, SNMP v2c /v3, sFlow (RFC 3176), TFTP & SFTP support, Network Time Protocol (NTP), and IEEE 802.1AB Link Layer Discovery Protocol (LLDP)
	2.3.7.9. Layer 3 Routing - Static IPV4 routing, Open Shortest path first (OSPF), Border Gateway Protocol 4 (BGP-4), IP performance optimization, Static IPv6 routing, Dual IP stack, OSPFv3, and Equal-Cost Multipath (ECMP)	2.3.7.9. Layer 3 Routing - Static IPV4 routing, Open Shortest path first (OSPF), Border Gateway Protocol 4 (BGP-4), IP performance optimization, Static IPv6 routing, Dual IP stack, OSPFv3, and Equal-Cost Multipath (ECMP) or equivalent protocol
		2.3.7.12. Able to stack on spare service port, not through additional special stacking module and supports up to virtualize 4 devices to be one logical device
2.4.1. Top of Rack for Data Center (4 units)	2.4.1.2. Power Supply: ≥ 1 power supply required	2.4.1.2. Power Supply: ≥ 2 power supply required

	2.4.1.3. Fan Tray: ≥ 1 unit fan tray slot	2.4.1.3. Fan Tray: ≥ 2 unit fan tray slot
	2.4.1.4. Performance: Throughput ≥ 1070 Mbps; Routing /Switching capacity: ≥ 1440 Gbps; Latency: ≤ 1 μ sec	2.4.1.4. Performance: Throughput ≥ 1070 Mbps; Routing /Switching capacity: ≥ 1440 Gbps; Latency: ≤ 5 μ sec
	2.4.1.6.6. Supports protocols such as IEEE 802.1w Rapid Convergence Spanning Tree, IEEE 802.1s Multiple Spanning Tree w/c provides high link availability in VLAN environment, Virtual Router Redundancy Protocol (VRRP), and Device Link Detection Protocol (DLDP)	2.4.1.6.6. Supports protocols such as IEEE 802.1w Rapid Convergence Spanning Tree, IEEE 802.1s Multiple Spanning Tree w/c provides high link availability in VLAN environment, Virtual Router Redundancy Protocol (VRRP), and Device Link Detection Protocol (DLDP) or equivalent protocol
	2.4.1.6.9. L3 Routing - VRRP and VRRP Extended, Policy-based routing, Equal-Cost Multipath (ECMP), L3 IPv4 routing, Open shortest path first (OSPF), Border Gateway Protocol 4 (BGP-4), Intermediate system to intermediate system (IS-IS), Routing Information Protocol next generation (RIPng), OSPFv3, BGP+, IS-IS for IPv6, Ipv6 tunneling, Policy routing, Bidirectional Forwarding Detection enables (BFD), and L3 IPv6 routing	2.4.1.6.9. L3 Routing - VRRP and VRRP Extended, Policy-based routing, Equal-Cost Multipath (ECMP) or equivalent protocol, L3 IPv4 routing, Open shortest path first (OSPF), Border Gateway Protocol 4 (BGP-4), Intermediate system to intermediate system (IS-IS), Routing Information Protocol next generation (RIPng), OSPFv3, BGP+, IS-IS for IPv6, Ipv6 tunneling, Policy routing, Bidirectional Forwarding Detection enables (BFD), and L3 IPv6 routing

2.4.2. Distribution for Intermediate Distribution Frames (11 units)	2.4.2.5. Performance: Throughput: ≥285 Mbps; Routing /Switching: ≥480 Gbps; Fabric Speed: ≥508 Gbps	2.4.2.5. Performance: Throughput: ≥285 Mpps; Routing /Switching: ≥480 Gbps
2.5. Access Switch (64 units)	2.5.2. Power Supply: ≥1 power supply required	2.5.2. Power Supply: At least 2 modular power supply is required to ensure redundancy and maximum network availability
	2.5.3. Performance: Throughput: ≥126Mpps, Switching capacity: ≥176 Gbps	2.5.3. Performance: Throughput: ≥96Mpps, Switching capacity: ≥176 Gbps
	2.5.6.8. Supports L2 switching features such as VLAN support & tagging, GVRP & MVRP, Jumbo packet support	2.5.6.8. Supports L2 switching features such as VLAN support & tagging, GVRP & MVRP or equivalent protocol, Jumbo packet support
3.2. Wireless Access Point (100 units)	3.2.7.2. Supports advanced cellular coexistence to minimize interference from 3G/4G cellular networks, distributed antenna systems, and commercial small cell /femtocell equipment	☞ < remove the specification 3.2.7.2. >

B. Clarifications

Particulars	Bidder's Clarification	DSWD Response
2.2. Network Switch 2.2.3. The Service Provider shall provide SFP+ transceivers for the existing 4 units of top of rack switches of DSWD	Please verify if the existing 4 units of top of rack switch 10G link or 40G link.	Existing top of rack switch is alcatel lucent. The Service Provider is only required to provide 10GE transceivers.
2.2.4. The Service Provider shall interconnect these top of rack switches using 40 GBPS link	Is the existing Top of Rack Switch in 2.2.3 is same as the Top of Rack switch on item 2.2.4 which stated that Service Provider shall provide SFP+ (SFP+ is a 10G link) but on item 2.2.3 which stated that the Service Provider shall	No, this is different. These top of rack switches are new provisions in the project. The Service Provider shall interconnect these switches using 40G link.

	interconnect using the 40G link?	
2.3. Core Switch (2 units) 2.3.6. Performance: Routing /Switching capacity >19Tbps; Throughput >7BPPS	Is the DSWD has a specific application or network design that would require 19Tbps switching capacity? Or is it possible to set a baseline with at least 10Tbps switching capacity?	The DSWD will retain the at least 19Tbps switching capacity. The DSWD is already handling large traffic from different systems and to the internet; lowering this will throttle the performance of these systems.
3.1. Wireless Controller (3 units) 3.1.11. Controller Architecture	Can the DSWD lessen the requirement for at least standalone controller which will be deployed in DSWD campus? This will give other brand bidders to compete.	The DSWD would like to retain this specifications as there will be two wireless controllers deployed in the Central Office. Another controller will be deployed in SWADCAP. This specification will ensure seamless management of the three wireless controllers thereby ensuring improved wireless access for mobile users.
5. Qualification of Service Provider 5.2. The offered brand for the switches and wireless access should have at least five (5) existing medium to large-scale deployments (at least 200 units deployment each for switches and wireless access points) in the Philippines. 5.3. The offered brand should be an international brand, and should have been continuously marketed in the Philippines for the last 10 years.	Can the DSWD accepts proposed brand that were installed globally and not just locally? Global acceptance and marketability assures DSWD of product maturity and quality. Can the DSWD change the requirement to "the brand should be internationally available for 10 years" instead of "locally (PHILIPPINES only) available for 10 years"? International or Global presence assures DSWD of a world-class product and quality.	Global deployments are accepted as long as supporting documents such as list of projects are submitted, and these projects are distributed in at least five (5) countries. Continuously marketed in the Philippines or worldwide is acceptable. For those brands that are have not yet met the 10 years presence in the Philippines but have been able to market in other countries for 10 years, the presence of that brand should be at least in five (5) different countries.

<p>5.6 Certification from the Service Provider should have a Project Manager who is a Project Management Professional (PMP) certified and have 5 years of project management experience managing nationwide deployment.</p>	<p>Can the DSWD lessen the years of experience of the project manager and not a PMP certified?</p>	<p>The Project Manager should be a PMP certified and has a five (5) years experience to ensure that the project will be implemented based on cost, specifications, and time.</p>
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V. Deadline for the Submission and Receipt of Bids

This is to reiterate that the schedule for the deadline for the submission and receipt of bids is on **16 January 2019 at 09:00 a.m.** Bids must be delivered to the BAC Secretariat Office, Ground Floor, DSWD Central Office. **Late Bids will not be accepted.**

The Bid Opening will immediately follow after the deadline, to be held at the Social Technology Bureau Conference Room, 3rd Floor, DSWD Central Office, IBP Road, Constitution Hills, Quezon City.

VI. Issuance of Bidding Documents


The issuance of bidding documents is until **15 January 2019 at 05:00 p.m.**

This Bid Bulletin shall form part of the bidding documents.

Please be guided accordingly.

ATTY. AIMEE TORREFRANCA-NERI
Undersecretary and
Chairperson, Bids and Awards Committee

By:


MARIE ANGELA S. GOPALAN
Director IV and
Vice-Chairperson, Bids and Awards Committee

Please accomplish this portion and send it to facsimile no. (02) 951-7116 or email at bacsec@dswd.gov.ph

Received from DSWD, Supplemental/Bid Bulletin No. 2 for the Subscription of Managed Local Area Network Services for DSWD Central Office and NROC (ITB No. GOP/19-DSWD-006).

Received by : _____ Date : _____
 Designation : (Signature over Printed Name)
 Company : _____