

ANNEX "A"

PROJECT: ACQUISITION OF NETWORK EQUIPMENT FOR WIRELESS CONNECTIVITY INFRASTRUCTURE

I. RESPONSES TO QUERIES/CLARIFICATIONS RAISED DURING THE PRE-BID CONFERENCE

Item No.	Query/Clarifications	SSS Reply
1	Is the delivery period of 90 calendar days applies to installation on all access points?	Yes
2	What are the required number of ports and uplink for the core switch?	There is no requirement for core switch.
3	On load balancing -Should the 550 access points be loading on all of the controllers? -What will be on the active standby?	No. The two (2) sets of Wi-Fi Controller System at Main Office (MO) will be on load balancing. The one (1) set of Wi-Fi Controller System at the Disaster Recovery (DR) Site will be on active standby.
4	On the other technical requirements, is Tier 2 partner allowed to participate?	No.
5	On the list of certified personnel, can the winning bidder provide Certified Security Engineer instead of two (2) certified security professionals and two (2) certified network professionals?	No.
6	Are there cabling requirements? Is there a need for engineers for the cabling?	Yes. No.
7	Can the service provider create a separate solution for the statistics and other functionalities (that will be connected to the equipment)?	Yes.
8	Is the training face-to-face or online?	Face to face training is preferred but it will depend on the

		national pandemic protocol during the training period.
9	Will the devices of the members on the branches be registered in order for them to access the internet?	No. SSS Members' access to the Internet will be limited to SSS Website, SSS Mobile App and emails only.
10	Is there a limit for the use of the internet?	Yes.
11	Are dual band wifi-sticks allowed?	No.
12	What is the existing unit demonstrated in the branches?	Huawei is the brand of the pilot implementation.

II. WRITTEN CLARIFICATIONS / ISSUES / QUERIES / APPEALS

Item No.	Queries/Clarifications	SSS Reply
13	<p>Page 32 Section III Bid Data Sheet, Item 29.2, 3.1 and Page 49, Section VI Special Conditions of Contract item 16.1 3.1. and 16.1 The bidder evaluated must provide, deliver and install the demo hardware and software to the SSS Main Office within the period specified by BAC to enable the TWG to test the proposed solution's capability to perform the functionalities and features.</p> <p>Question1.1 : <i>Since the demo focus on the capability to perform the functionalities and features, Can we use any model or hardware appliance or deployed in virtual machine?</i></p> <p>Question1.2 : <i>As option and in compliance with IATF health protocol policies to fight Covid-19, where face-to-face meetings are highly discouraged while virtual meetings encouraged, can you consider virtual demo or online/ cloud demo?</i></p>	<p>For access points the model should be the same as proposed.</p> <p>For the Wi-Fi Controller System it can be any model and virtual machine is allowed</p> <p>No. The personnel who will conduct the demo should have a negative RTCPDR result valid within the demo period. Social distancing shall be observed.</p>

14	<p>Page 32 Section III Bid Data Sheet, Item 29.2, 3.4. 3.4. List of Certified Personnel for the following: - Two (2) Certified Security Professionals</p> <p>Question 2.1 Is this coming from the same manufacturer of the proposed switches and wireless access point product?</p>	No.
15	<p>Page 49 Section V Special Conditions of Contract, Item 10.1 Terms of Payment</p> <p>Question 3.1 <i>Kindly consider Progress billing instead of one-time payment. We suggest a payment of 50% from delivery of the equipment and remaining 50% depends on SSS project milestone. This will greatly help winning vendor financially this trying times.</i></p>	We maintain our requirement for one (1) time payment after delivery and acceptance.
16	<p>Page 50 Section V Special Conditions of Contract, Item 17.4</p> <p>In case defect/s was not resolved within forty-eight (48) hours, a service unit should be provided by the vendor without additional cost to procuring entity.</p> <p>The use of service unit must not exceed thirty (30) calendar days, a new equipment of the same brand of equipment or better specifications must be provided as replacement to the defective equipment. All shipment/delivery fees must be charged against the account of the service contractor.</p> <p>Question 4.1 <i>Since the project includes branch office and there are a lot of dependencies during this pandemic such as LGU's travel restriction, lock down policies, health protocol requirement and Airline flight limitations, can we deliver the service unit or replacement unit in the Head Office only and SSS will take care of the delivery and installation in the affected branches?</i></p>	Yes.
17	<p>Page 56 Section VI Schedule of requirement Item 3 and Page 60 Section VII Technical Specification 4.1 Comprehensive training.</p> <p>Question 5.1 <i>In compliance with IATF health protocol policies to fight Covid-19 where face-to-face meetings are highly discouraged while virtual meetings encouraged, can we conduct the Training through virtual media such as MS Teams, Webex and etc.?</i></p>	Pleaser refer to Item 8.

18	<p>Page 61 Section VII Technical Specification Item Letter B Warranty item 1.3</p> <p>If announced improvement is made within six (6) months after installed product has already been accepted for SSS use, the winning bidder must replace already installed product or its components with the improved product or its components at no additional cost to SSS.</p> <p><i>Can we apply this on the software version only?</i></p>	No.
19	<p>Page 63 Section VII Technical Specification item Letter C Maintenance Services item 1.2</p> <p>Question 7.1. <i>For the Preventive Maintenance and Remedial Maintenance requirement for the branches, can we perform this via remote at the Head Office.</i></p> <p><i>Branch office on-site preventive maintenance will be a big challenge again due to a lot of dependencies during this pandemic such as LGU's travel restriction, lock down policies, health protocol requirement and Airline flight limitations, that will greatly affect this requirement not to mention cost involve if SSS require this.</i></p>	Yes.
20	<p>Page 57 Section VII Technical Specification item 1.8 Support 1 x 10/100/1000Mbps self-adaptive Ethernet interface (RJ45 x 1), 1 x 5G self-adaptive Ethernet interface (RJ45 x 1) and 1 x USB interface</p> <p>Question 8.1 <i>Will you be using 5Gbps network connectivity to the Access Points for this deployment?</i></p> <p><i>Do you have existing Multigigabit switches to require 5 Gbps network connectivity?</i></p> <p>Question 8.2 <i>Can you consider 1 x 10/100/1000/5000Mbps self-adaptive Ethernet interface (RJ45 x 1) and 1 x USB interface?</i></p>	<p>No.</p> <p>Future requirement.</p> <p>No. We need AP port redundancy.</p>
21	<p>Page 57 Section VII Technical Specification item 1.12 Must supports flexible switchover of radio modes: 2.4GHz (4x4) + 5GHz (4x4), dual radios: 2.4GHz (2x2)+5GHz (4x4)+ independent radio scanning mode, triple radios: 2.4GHz (2x2) + 5GHz (2x2) + 5GHz (4x4)</p> <p>Question 9.1 <i>For dual radios: 2.4GHz (2x2)+5GHz (4x4)+ independent radio scanning mode, can you</i></p>	No.

	<p><i>consider having off-channel radio scanning instead as off-channel scanning improves RF performance?</i></p>	
22	<p>Page 58 Section VII Technical Specification item 2.3 Minimum of 20 Gbps forwarding capability and 6 Gbit/s firewall throughput capability</p> <p>Question 10.1 <i>Since this is not a standard or common practice, can we provide a separate dedicated firewall for this infra?</i></p>	<p>Yes, but must comply with the three (3) sets Wi-Fi Controller System requirement.</p>
23	<p>Page 58 Section VII Technical Specification item 2.5, Must have more than 80 URL Filtering Categories</p> <p>Question 11.1 <i>Can you consider at least 60 URL categories instead? We believe this is sufficient to cover millions of domains and billions of web pages to gain control over which sites can be accessed by your wireless users.</i></p>	<p>No.</p>
24	<p>Page 58 Section VII Technical Specification item 2.6, Must support over 3000 applications identification and control.</p> <p>Question 12.1 <i>May we know your use case of requiring over 3000 applications?</i></p> <p>Question 12.2 <i>Can you consider at least 1400 applications identification and control instead? We believe this is sufficient to improve performance of business-critical applications and optimize how traffic is delivered in a typical wireless network deployment.</i></p>	<p>We must be able to filter more applications as we only plan to allow only SSS Website, SSS Mobile App and emails.</p> <p>No.</p>
25	<p>Page 58 Section VII Technical Specification item 2.10 Must support 802.1X authentication</p> <p>Question 13.1 <i>Regarding 802.1x authentication, may we know how many concurrent authorized users will be considered for the license?</i></p> <p>Question 13.2 <i>Regarding VPN authentication for external users, may we know on which device does VPN terminate? Please provide brand and model for support and compatibility checking.</i></p>	<p>10,000 concurrent users.</p> <p>For future requirement.</p>

26	<p>Page 58 Section VII Technical Specification item 2.18 Must support interconnection with social media, such as Facebook, Twitter, and Google+. Guests can use the social media accounts to access the Wi-Fi network</p> <p>Question 14.1 <i>Regarding guest authentication, may we know how many concurrent guest users will be considered for the license?</i></p>	<p>This requirement must be Item 2.8.</p> <p>5000 concurrent users for guests.</p>
27	<p>Page 59 Section VII Technical Specification item 2.14-2.29</p> <p>Question 15.1 <i>Items 2.14-2.29 are not common features or technologies in Wireless Infra and can only be supported by particular manufacturer. We respectfully request to remove these features?</i></p> <p><i>May we know the use case for this telemetry technology?</i></p>	<p>No.</p> <p>SSS must monitor Wi-Fi connectivity and generate Wi-Fi analytics. Telemetry is a must for real-time monitoring with granular and complete visibility for the Wi-Fi solution.</p>
28	<p>Page 59 Section VII Technical Specification item 2.13 Supplier should provide a solution that will allow users connected to the AP access to web mails, SSS website and SSS Applications only.</p> <p>Question 16.1 <i>What is the expected response and acceptable supporting document on this item?</i></p> <p>Question 16.2 <i>May we request the network diagram of the proposed solution?</i></p>	<p>Comply or Not Comply via demo</p> <p>Please refer to Annex B.</p>
29	<p>Page 59 Section VII Technical Specification item 2.30, 3 Sets of Wi-Fi Controller System</p> <p>Question 17.1 <i>For the 3 Sets of Wi-Fi Controller System, may we know how many sets will be deployed each at SSS Main Office and at Disaster Recovery Site?</i></p>	<p>The two (2) sets of Wi-Fi Controller System at MO. The one (1) set of Wi-Fi Controller System at the DR Site.</p>
30	<p>Page 58 Section VII Technical Specification item 2.4 Must have a database of over 120 million URLs in the cloud</p> <p>Question 18.1 <i>As option to 120M URLs in the cloud database, can you consider our proposed solution that uses a global threat intelligence that analyzes 600B internet requests every day to detect broad spectrum of malicious URLs, domains, IPs, and files that are being used in attacks?</i></p>	<p>Yes, but must show proof that it is equivalent or more than 120M URLs.</p>

31	<p>It was mentioned under Section VI Schedule of requirement that the warranty will start from completion and acceptance of the project. <i>Would you consider the installation of Controller, Servers, hardware configuration of the 503 units Access Point and 20 units Ethernet Switches at head office and the deployment of Access Point at Pampanga, Tarlac and San Pablo branches be the basis of Project Acceptance?</i></p>	<p>No. It should also include the configuration, installation and cabling of 120 access points at SSS Main Office.</p>
32	<p>Due to current General Community Quarantine and upcoming Holy week, we respectfully request for 1 week extension on the bid submission?</p>	<p>The Submission and Opening of Bids shall be on 15 April 2021 (Thursday), 2:00 p.m., Bidding Room, 2nd Floor, SSS Main Building.</p>
33	<p>In Section III Bid Data Sheet ITB Clause # 3. Other Technical Requirements page 32</p> <p>3.3.3 From the manufacturer local office (Philippines) stating that the bidder is a Tier 1 partner or equivalent.</p> <p>- Is it possible if you can make it at least Tier 2 partner to allow more bidders to join the bidding, as long as they comply with installed base and single largest completed project.</p>	<p>Please refer to Item 4.</p>
34	<p>3.4. List of Certified Personnel for the following:</p> <ul style="list-style-type: none"> - Two (2) Certified Security Professionals - Two (2) Certified Network Professionals <p>- Is it possible to make it Certified Security Engineer or Associate and Certified Network Engineer /Associate since Certified Security Professionals and Certified Network Professionals are intended only for Tier 1 partners.</p>	<p>Please refer to Item 5.</p>
35	<p>In Section VII. Technical Specifications Item # 2 page 58</p> <p>2.2 Must support load balancing during roaming and Intelligent conflict optimization technology</p> <p>- Does it mean that all AP 550 will be balance to the controllers? Will the controllers form cluster?</p> <p>2.15 Must have multi-dimensional data analysis on dashboard and easy to understand network status such as access success rate, access time consumption, roaming fulfillment rate, signal and interference capacity fulfillment rate and throughput fulfillment rate.</p>	<p>Please refer to Item 3.</p>

	<p>2.16 Must have experience evaluation system, driving proactive network optimization</p> <p>2.17 Must have graphical topology management, displaying issue location and distribution</p> <p>2.18 Must have issue statistics overview, quickly evaluating issue impacts.</p> <p>2.19 Must have multi-dimensional issue distribution, quickly focusing on points with issues such as connection, performance, roaming and device</p> <p>- Does this mean that it needs to be in a controller or we can use other connected solution to complete the requirements?</p>	<p>No, it does not need to be in a controller but must comply with the three (3) sets Wi-Fi Controller System requirement.</p>
36	<p>In Section VII. Technical Specifications Item # 2 page 58</p> <p>2.7 Minimum of 15,000 concurrent online users expandable to 50,000 concurrent online users.</p> <p>- Is the expandable 50,000 concurrent online users a hard requirement?</p>	<p>Yes.</p>

III. OTHER CLARIFICATIONS:

	REQUIREMENTS	CLARIFICATION
37	<p>Section III. Bid Data Sheet</p> <p>ITB Clause 29.2.</p> <p>3.2. Description of the hardware component of the bidder's proposal;</p> <p>3.3. Certification of the following:</p> <p>3.3.1 From the bidder stating availability of spare parts within the warranty and maintenance period.</p>	<p>Delete. Include in Section VII. Technical Specifications.</p> <p>These requirements must be submitted together with the Statement of Compliance with the Technical Specifications.</p> <p>This amends Section III. Bid Data Sheet.</p>

	<p>3.3.2 Authorized Resellership/ Dealership of the proposed product/s, if the bidder is not the manufacturer of the proposed product/s to be issued by the manufacturer.</p> <p>3.3.3 From the manufacturer local office (Philippines) stating that the bidder is a Tier 1 partner or equivalent.</p> <p>3.3.4 Bidder is in the network system integration business for at least five (5) years in the Philippines and system integrator partner of the proposed brand for the last three (3) years.</p> <p>3.4. List of Certified Personnel for the following:</p> <ul style="list-style-type: none"> • Two (2) Certified Security Professionals • Two (2) Certified Network Professionals <p>Submit photocopy of valid certification, resume and company ID. Certified professionals should be with the bidder for a period of one (1) year before the bid opening</p>	
38	<p>Section VII. Technical Specifications</p> <p>2.2 Remedial</p> <p>xxx</p> <p>2.2.7</p> <p>If within 24 hours, upon arriving onsite, the service contractor fails to restore / repair the malfunctioning part / component, the service contractor must supply and install a service unit within the next 12 hours.</p> <p>SSS use of service units must not exceed 15 calendar days from the date the problem was first reported to the supplier, defective units must be fixed or replaced</p>	<p>Revise Section VII. Technical Specifications Clause 2.2., no. 2.2.7, as follows:</p> <p>If within 48 hours, upon arriving onsite, the service contractor fails to restore / repair the malfunctioning part / component, the service contractor must supply and install a service unit within the next 24 hours. SSS use of service units must not exceed 30 calendar days from the date the problem was first reported to the supplier, defective units</p>

	<p>within 15 days. All shipment / delivery fees must be charged against the account of the service contractor.</p>	<p>must be fixed or replaced within 30 days. All shipment / delivery fees must be charged against the account of the service contractor.</p> <p>This amends Section VII. Technical Specifications.</p>
--	--	--