

PROJECT: ACQUISITION OF APPLICATION DELIVERY CONTROLLER (LOAD BALANCER FOR SSS WEBSITE IN THE MAIN PRODUCTION AND DISASTER RECOVERY) – (SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION INTO OPERATIONAL STATE)

QUERIES/CLARIFICATIONS RAISED DURING THE PRE-BID CONFERENCE:

	Query/Clarifications	TWG/BAC Reply
1	<p>a. On Performance Requirement, under 1.1 letter b., Layer 4 Concurrent Connections/Sessions, is this 126 million? Can we make it lower?</p> <p>b. Under Hardware Requirement, 1,3.f, Power Supply, is needed to have a Platinum Rating (80+) or if we just comply with the required voltage, can be acceptable?</p>	<p>No.</p> <p>The power supply must have a Platinum Rating (80+), with a required voltage of 220V – 240V AC and must be redundant.</p>
2	<p>a. On page 34, under Network Connectivity requirement, letter a and letter b, SFP, at least 24 on 10G, for letter b, at least 4. But on page 35, under requirement for the SFP, 8 units transceiver for 10G for the production, and 4 units for 40G. On DR, 8 units for 10G, and 4 units for 40G. What are we going to follow since the figures didn't match?</p>	<p>Section VII, Item 1.2.a pertains to the number of ports 1/10 GB Fiber (SPF+) ports built-in to the ADC appliance or server while 1.2.b pertains to the number of 40GBE QSFP uplink ports.</p> <p>Section VII, Item 1.2.i pertains to the networking requirement of the ADC, of which the SSS requires 8 units of transceivers for the 10G and 4 units transceivers for the 40G to be included in the bid. The supplier is not required to fully populate the 10G ports with transceivers.</p>
3	<p>During post qualification, do we need to submit hardware or the proposed product?</p> <p>For the hardware demonstrated, is it required that the brand/model of the hardware demonstrated should also be the brand/model of the hardware to be delivered?</p> <p>Do we need to demo the servers and the mobile workstation?</p>	<p>Yes.</p> <p>Yes.</p> <p>During post-qualification, all the servers are required to be demonstrated. For the mobile monitoring workstation, the</p>

	<p>With regards to the documentation, you are requiring two sets, can we submit electronic copy?</p> <p>For the SLCC, can you consider a WAF project?</p> <p>For the SLCC, can we submit Certificate of Completion as proof because our contract includes a Maintenance that has not yet started, but the implementation is already accepted?</p>	<p>TWG will provide a response through bid bulletin.</p> <p>Yes, electronic copy is acceptable.</p> <p>Documentation can be submitted in hardcopy or softcopy.</p> <p>This amends Section VI, Schedule of Requirements, Item 2, Documentation, on page 31 of the PBD</p> <p>Yes. As long as the equipment used for the WAF is an ADC equipment/appliance.</p> <p>Yes.</p>
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WRITTEN QUERIES:

	Query/Clarifications	TWG/BAC Reply
1	<p>1/10 GE Fiber (SFP+) - Required at least 24 ports</p> <p>May we confirm the actual number of ports needed per appliance or per HA (pair).</p> <p>Total of 24 ports for 2 appliances or 24 ports each appliance?</p>	<p>Total of 24 ports for each appliance or for each unit.</p>
2	<p>40 GbE QSFP - Required at least 4 ports</p> <p>May we confirm the actual number of ports needed per appliance or per HA (pair).</p>	<p>Total of four (4) 40 GbE QSFP ports per appliance or per unit.</p>
3	<p>Traffic steering/Service chaining</p> <p>What is the necessary use case for Traffic steering/Service chaining, is this required or optional?</p>	<p>Required. Traffic steering/service chaining shall be used to define application traffic.</p>

4	May we request a network diagram to check the port requirements.	Network Diagram shall only be provided to the winning bidder upon contract signing.
5	What is the ADC to onsite server cable run length?	Server cable run shall be determined during project implementation phase; therefore, the bidder is required to perform estimates based on typical data center layouts.
6	In regard to demo unit, will you consider having an online demo session of our proposed products? It will be conducted outside the SSS environment	Yes, as long as the proposed product is an ADC equipment/appliance and shall be identical to the proposed solution.
7	For AFS 2021, is electronic filing acceptable? It has NO "stamped received" but with email acknowledgement from BIR.	No. We required AFS 2021 with stamped received from the BIR.
8	Do we need to attach the copy of NOA/NTP/Contract as supporting documents in the statement of on-going contract?	No
9	Can we extend the delivery period of all hardware requirements to 180 calendar days due to global equipment shortage and additional 120 days for Solution implementation, a total of 300 days?	Yes. This amends Section VI, Schedule of Requirements, Items 1, 2, 3, and 4 of the Bidding Document.
10	For the similar completed contract, can we submit a completed Web Application Firewall (WAF) project?	Yes, as long as the equipment/appliance used in the WAF Project is an ADC.
11	In relation to item 10, can we submit a WAF project that is fully deployed with Certificate of Completion and Acceptance with on-going contract for Maintenance Services?	Yes
12	For the Documentation stated in Schedule of Requirements, can we submit the "Installation, Maintenance, and User Manuals/Guides" save electronically on USB? User manuals are in bulk pages.	Yes, electronic copy is acceptable. Documentation can be submitted in hardcopy or softcopy. This amends Section VI, Schedule of Requirements, Item 2, Documentation, on page 31 of the PBD
13	Under item no. 1.2.c. in the Technical Specifications, we humbly request to replace the line "Lights Out Management" to a more generic term as "The solution must have a dedicated management interface."	No. Lights out Management is a generic terminology describing a system's ability to be remotely managed.

	instead of a term used by a specific brand only.	
14	Under item no. 1.2.c. in the Technical Specifications, we humbly request to consider relaxing the feature at least 24 1/10 GE Fiber (SFP+)” to at least 8 Interfaces.	No.
15	<p>Clarifications and request for the following Technical Specifications below:</p> <p>1.1 PERFORMANCE REQUIREMENT b. Layer 4 Concurrent Connections / Sessions: At least 126M - at least 20M up to 126M</p> <p>1.2 NETWORK CONNECTIVITY REQUIREMENT a. 1/10 GE Fiber (SFP+): At least 24 - At least 16 ports up to 24 ports</p> <p>1.3 HARDWARE REQUIREMENT f. Power Supply: Platinum Rating 80plus - at least silver rating 80plus up to platinum rating 80plus</p>	<p>No.</p> <p>No.</p> <p>No.</p>
16	<p>For Item Section VII, Item 1.2.c, Management Ports – Lights Out Management</p> <p>Is it mandatory requirement to have a Light Out Management Port?</p>	Yes.
17	<p>Under page 34. Section VII. Technical Specifications, Item 1.1.b</p> <p>b. Layer 4 Concurrent Connections/Session 126 Million</p> <p>Question 1.1: Would it be possible to reduce it to 105 Million Concurrent Connections/Session?</p>	No.

	Kindly describe the infrastructure (e.g. web sites and other applications). 126M Concurrent Connections/Session is a telco grade requirement.	The information on the infrastructure shall be given only to the winning bidder upon contract signing.
18	Under page 34. Section VII. Technical Specifications, Item 1.2.a a. 1/10 GE Fiber (SFP+) – At least 24 Question 2.1: Would it be possible to reduce it to at least 8 ports? Since base on how we manage the applications we could support 2 ports for redundancy to load balance the applications via virtual IP.	No
19	Under page 35. Section VII. Technical Specifications, Item 1.3.a. a. Processor - At least 6-Cores, X86-Based CPU Question 3.1: x64 is the newer technology used by most appliance vendors. Also 2.a requirement states that processor should be at least latest generation (which will be x64 instead). Can you please consider x64?	Yes, x64 is acceptable. This amends Section VII, Technical Specifications, Item 1.3, a. Processor, at least 6-Cores, x86-based or x64-based CPU
20	Under page 36. Section VII. Technical Specifications, Item 1.4.a a. Application Delivery - Traffic steering/Service chaining Question 4.1: Kindly elaborate this requirement. Traffic steering/service chaining is mostly used on Service Provider Infrastructure. Can we request this feature to be removed?	Traffic steering/service chaining shall be used to define application traffic. No.
21	Under page 36. Section VII. Technical Specifications, Item 1.4.b b. Application Acceleration - HTTP/2, SPDY protocol support Question 5.1: SPDY protocol is already obsolete and deprecated by most browsers/ mobile dev kits. Can we request this feature to be	No

	removed?	
22	<p>Under page 34. Section VII. Technical Specifications, Item 1, at least two (2) units to be deployed at the SSS Main Data Center and Disaster Recovery Sites.</p> <p>Question 6.1: Please confirm if this 1 unit for SSS Main Data Center and 1 unit for Disaster Recovery Sites?</p>	Yes. 1 unit for Main Data Center and 1 unit for DR site.
23	<p>Under page 23. Item 2.2 Payment Terms,</p> <p>One-time payment after submission of the inspection and final acceptance certificates issued by the Head of the Hosting Services Department (HSD), which shall be credited to the LANDBANK or DBP or any choice of bank account subject to the applicable bank charges of the winning bidder.</p> <p>Question 7.1: Can you consider below payment term?</p> <p>For the Capital Outlay with 2 years warranty:</p> <ol style="list-style-type: none"> 1. 50 % of the Capital Outlay Cost upon delivery all equipment. 2. Remaining 50% of the Capital Outlay Cost upon issuance final acceptance certificates issued by the Head of the Hosting Services Department (HSD) <p>For the 3 years Maintenance and Other Operating Expense (MOOE):</p> <ol style="list-style-type: none"> 1. Payment for Year 1 upon submission of 1st Preventive Maintenance report and Renewal Support Document. 2. Payment for Year 2 quarterly upon submission of PM report 3. Payment for Year 3 quarterly upon submission of PM report 	<p>No.</p> <p>No.</p>
24	Under page 24. During Post Qualification,	

<p>The Bidder with the lowest calculated bid is required to provide demonstration of the proposed Application Delivery Controller for technical evaluation, inspection, and testing of the TWG within five (5) calendar days upon notice by BAC.</p> <p>Question 8.1: Can you consider virtual demo? It is very hard to produce a demo with same model of the proposed solution.</p> <p>Can you consider a demo covering the proposed solution's capability to perform the functionalities and features only?</p>	<p>Yes, as long as the proposed product is an ADC equipment/appliance and shall be identical to the proposed solution.</p> <p>Yes.</p>
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