

ANNEX “A”

PROJECT: ACQUISITION OF NETWORK EQUIPMENT FOR POINT-TO-POINT CONNECTION FOR MAIN OFFICE (MO) AND DISASTER RECOVERY (DR) SITE FOR ACTIVE-ACTIVE DATA REPLICATION

A. QUERIES/CLARIFICATIONS RAISED DURING THE PRE-BID CONFERENCE:

| | CLARIFICATIONS | SSS RESPONSE |
|---|---|---|
| 1 | <p>Trends & Technology</p> <p>a. Is Disaster Recovery (DR) within Metro Manila? For consideration in delivery.</p> <p>b. In Item no. 3 in technical Specification;(compatible with GE SFP), 10*GE RJ45, is it a description or are you implying that you need at least 20 10G port router?</p> <p>c. For item no 15, is the requirement really needed and what is the used case for this? We will send it though through written queries for clarification.</p> | <p>Yes.</p> <p>Please refer to Reply to Written Queries, Item No. 5.</p> <p>Please refer to Reply to Written Queries, Item No. 7.</p> |
| 2 | <p>Can the 75 days delivery period be extent to 90 days?</p> | <p>Please refer to Reply to Written Queries, Item No. 2.</p> |

B. REPLY TO WRITTEN QUERIES

| Item No. | CLARIFICATIONS | SSS RESPONSE |
|-----------------|--|---|
| 1 | <p>Page 25. Item #4.B.3 Configuration, testing & Installation Requirements.</p> <p>“The supplier shall ensure that the proposed solution is compatible with the existing SSS IT Infrastructure.</p> <p>Question: May we request for the existing IT infrastructure of SSS?</p> | <p>The SSS IT Infrastructure is in Annex B.</p> <p>The devices for acquisition shall be directly connected to the Oracle Exadata X8-2 Database Servers using 10G fiber connection for Main Office and Disaster Recovery Site.</p> |
| 2 | <p>Page 25. Item #4.C.1.c Product Performance Evaluation</p> | <p>Yes. The provision in item Page 25. Item #4.C.1.c Product Performance</p> |

| Item No. | CLARIFICATIONS | SSS RESPONSE | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | <p>“Supplier must therefore ensure the product is ready for performance and acceptance testing within sixty (60) calendar days upon Notice to Proceed.”</p> <p>Question: May we request to extend the lead time to at least 90 calendar days upon Notice to Proceed?</p> | <p>Evaluation is hereby changed to:</p> <p>“Supplier must therefore ensure the product is ready for performance and acceptance testing within seventy-five (75) calendar days upon Notice to Proceed.”</p> <p>In Section VI, Schedule of Requirements delivery period for Items 1, 2 and 3 is hereby changed from seventy-five (75) to within NINETY (90) CALENDAR DAYS from receipt of Notice to Proceed and Purchase Order.</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | <p>Page 33. Schedule of requirements.</p> <p>“within seventy five (75) calendar days from receipt of Notice to Proceed (NTP) & Signed Contract.</p> <p>Question; conflict with Item #4.1.c of Special Conditions of Contract which is only 60 days ready for performance and acceptance testing.</p> | <p>Please refer to Reply to Written Queries, Item No. 2.</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | <p>Page 33, Section VI. Schedule of Requirement</p> <table border="1" data-bbox="349 1469 975 1771"> <thead> <tr> <th>Item No.</th> <th>Description</th> <th>Quantity</th> <th>Delivered, Weeks/Months</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Acquisition of Network Equipment for Point to Point Connection for Main Office (MO) And Disaster Recovery (DR) Site for Active-Active Data Replication</td> <td></td> <td rowspan="4">Within seventy-five (75) calendar days from receipt of Notice to Proceed and Signed Contract</td> </tr> <tr> <td></td> <td>a) Network Routers – Main Office</td> <td>2 units</td> </tr> <tr> <td></td> <td>b) Network Routers – DR Site</td> <td>2 units</td> </tr> <tr> <td>2.</td> <td>Documentation Installation, Systems Administration and Operations Manual</td> <td></td> </tr> <tr> <td></td> <td>a) Printed</td> <td>1 copy</td> <td></td> </tr> <tr> <td></td> <td>b) USB Stored</td> <td>1 copy</td> <td></td> </tr> </tbody> </table> <p>Question 1.1. <i>Considering the global semiconductor materials shortage being experienced by most of IT Manufacturer, may we request for an extension on delivery</i></p> | Item No. | Description | Quantity | Delivered, Weeks/Months | 1. | Acquisition of Network Equipment for Point to Point Connection for Main Office (MO) And Disaster Recovery (DR) Site for Active-Active Data Replication | | Within seventy-five (75) calendar days from receipt of Notice to Proceed and Signed Contract | | a) Network Routers – Main Office | 2 units | | b) Network Routers – DR Site | 2 units | 2. | Documentation Installation, Systems Administration and Operations Manual | | | a) Printed | 1 copy | | | b) USB Stored | 1 copy | | <p>The request for extension from 75 calendar days to 250 calendar days is denied.</p> <p>Please refer to Reply to Written Queries, Item No. 2.</p> |
| Item No. | Description | Quantity | Delivered, Weeks/Months | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Acquisition of Network Equipment for Point to Point Connection for Main Office (MO) And Disaster Recovery (DR) Site for Active-Active Data Replication | | Within seventy-five (75) calendar days from receipt of Notice to Proceed and Signed Contract | | | | | | | | | | | | | | | | | | | | | | | | |
| | a) Network Routers – Main Office | 2 units | | | | | | | | | | | | | | | | | | | | | | | | | |
| | b) Network Routers – DR Site | 2 units | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Documentation Installation, Systems Administration and Operations Manual | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | a) Printed | 1 copy | | | | | | | | | | | | | | | | | | | | | | | | | |
| | b) USB Stored | 1 copy | | | | | | | | | | | | | | | | | | | | | | | | | |

| Item No. | CLARIFICATIONS | SSS RESPONSE |
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| | <i>period? From 75 calendar days to 250 calendar days?</i> | |
| 5 | <p>Page 35, Section VII. Technical Specifications, Item # 3</p> <ul style="list-style-type: none"> • Fixed WAN ports of 10*10GE SFP+ (compatible with GE SFP), 10*GE RJ45 <p>Question #2.1. <i>Total fixed WAN port requirement is 20 ports. May we clarify if all 20 ports (10 x 10GE SFP+, 10x 1GE RJ45) of the router will be used?</i></p> <p>Question #2.2. <i>Required transceivers indicated in Item # 4 are only 4x 10GE SFP+ and 2x 1GE SFP. Can you consider lowering the number of router port requirement to 4x 10GE SFP+ (compatible with GE SFP) and 8x 1GE SFP ports?</i></p> <p>Question #2.3 <i>How many 1GE RJ45 ports are required in the actual deployment?</i></p> <p>Question #2.4. <i>We would also like to request for the proposed end-state network diagram of the network routers that will be used for Point to Point Connection between Main Office (MO) And Disaster Recovery (DR) Site to have a better understanding of the design and connectivity requirements.</i></p> | <p>The new requirement for item 3 is “Fixed WAN ports of 10*10GE SFP+(compatible with GE SFP), 8*1GE RJ45”. The additional ports are considered for future expansion and spare in case of defective ports.</p> <p>This amends Item 3 of Section VII, Technical Specifications.</p> <p>No.</p> <p>The new requirement for item 3 is “Fixed WAN ports of 10*10GE SFP+(compatible with GE SFP), 8*1GE RJ45”.</p> <p>Please refer to Annex B, Network Diagram.</p> |
| 6 | <p>Page 35, Section VII. Technical Specifications, Item # 4</p> <ul style="list-style-type: none"> • 4*10G SFP+ Transceivers; 2*1G SFP Transceivers <p>Question #3.1. <i>May we confirm if 10G SFP+ transceiver required is Multimode fiber and if 1G SFP transceiver required is Multimode fiber or RJ45?</i></p> | <p>The 4*10G SFP+ and 2*1G SFP transceivers per unit require multimode fiber.</p> |
| 7 | <p>Page 35, Section VII. Technical Specifications, Item # 15</p> | <p>No, this is a mandatory requirement of the bid.</p> |

| Item No. | CLARIFICATIONS | SSS RESPONSE |
|----------|--|--------------|
| | <ul style="list-style-type: none"> • Must have security features such as ACL (v4/v6), domain-based stateful firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, TACACS authentication, broadcast storm suppression, ARP security, ICMP attack defense. <p>Question 4.1. <i>May we know the use-case for the following features: MAC address authentication, portal authentication, broadcast storm suppression, ARP security, ICMP attack defense? These are security features commonly supported in switches, not in routers. Can these be optional?</i></p> | |

ANNEX B

NETWORK DIAGRAM

