Prebid Queries and Responses – Lot 4
CMRL/PHASE-II/SYS/ C3&5 ASA08/2023
05-09-2023

<table>
<tr><th>S. No.</th><th>Part</th><th>Section</th><th>Clause</th><th>Original Bid Condition</th><th>Bidder's Query</th><th>Response</th></tr>
<tr><td>1</td><td>Part-2</td><td>Section – VI B</td><td>7.9.3.3</td><td>The WAN (Distribution Switch) switches should be equipped for the interfaces given below as a minimum:
<table><tr><th>SN</th><th>Interface</th><th>Stations/depot ports per switch (Layer-3) as minimum</th></tr><tr><td>1</td><td>10G optical uplink interface(Distribution Switch)</td><td>2</td></tr><tr><td>2</td><td>1G optical uplink interface(Access switch)</td><td>4</td></tr><tr><td>3</td><td>10/100/1000 Base T port</td><td>20</td></tr></table></td><td>Request change to the Standard 24 port or lower configuration instead of Non-Standard 26 Port Switch port configuration or requirement.</td><td>WAN Distribution switches have uplink ports to connect the access rings to the core switch based on the station ring design architecture. The Local access ring design is based on the end elements and suitable ports shall be considered.
Actual solution required will be discussed during design stage.
Please refer revised bid condition in Addendum-05.</td></tr>
<tr><td>2</td><td>Part-2</td><td>Section- VI B</td><td>7.9.8</td><td>Switch Architecture
Distribution Switch should have Redundant Power supply. Dedicated stacking Ports supporting 40 Gbps.</td><td>To connect two devices through back plane its a traditional approach of L2 and L3 network devices. Hence request to delete stack port requirement.</td><td>The Distribution switches with suitable power redundancy shall be considered through stacking or any other method.
Actual solution required will be discussed during design stage.
Please refer revised bid condition in Addendum-05.</td></tr>
<tr><td>3</td><td>Part-2</td><td>Section- VI B</td><td>7.9.9</td><td>Performance Specifications
Backplane Bandwidth: minimum 200 Gbps non-blocking
Layer 2/3 Forwarding Performance: minimum 100 Mpps.
The availability requirement of FOTS GE equipment shall better than 99.999%. The reliability requirement described under General requirements chapter of this document.</td><td>As per requested interface on distribution switch, backplane bandwidth and forwarding performance are in higher side. Request to modify the parameter accordingly.</td><td>Backplane capacity required is minimum 110 Gbps non -blocking layer 2/3 functionality with minimum forwarding performance of 80Mpps.
This should not affect the overall functional and audio/video/data performances.
Please refer revised bid condition in Addendum-05.</td></tr>
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