



Addendum No. 3

City of Coquitlam

RFP No. 21-070

Local Area Network (LAN) / Metropolitan Area Network (MAN) Replacement

Issue Date: October 15, 2021

Total Page Count: 2

Proponents shall note the following amendments to the RFP documents:

QUESTIONS AND CLARIFICATIONS

QUESTIONS

Q1) We would like to verify if there is multimode fiber within the Data Centres (DCs) and single mode fiber between the two DCs. What is the approximate distance of the dark fiber between the two DCs?

A1) Yes, there is some multi-mode fibre in the DCs. Yes, single mode fibre with a length around 10 km exists in between all three DCs. Those long range optics need to be included in the Proponent's design.

Q2) Does the City require optics for the server connections?

A2) No server optics are needed in the Proponent's original design.

Q3) Does the City require separate DMX switches or will they just take up a separate VLAN in the core? Was this included in the port count in the core switch?

A3) The City assumes the Proponent means DMZ switches. Yes, as the diagram in the technical addendum shows, these are separate ones. The Proponent can include two switches with 48 x 1G/10G/25G ports (one in each DC).

Q4) How many mgig ports does The City require per switch. 25%, 50%, 100% of the ports on each switch?

A4) At least 8 ports are mandatory. 12 ports are desirable.

Q5) Does The City require DWDM or CWDM optics between sites or is there enough single mode fibre to support use of traditional Long Range Optics.

A5) There is no need for DWDM or CDWM. Yes, we can use Long Range Optics.

Q6) Re: Data Center Optics - What is the distance between racks within the DC?

A6) 10 to 100 meters.

Q7) Re: Data Center Optics - Do you have a preference for TWINAX connectivity or SFP based connectivity for 10 Gbps+ connections?

A7) We prefer SFP. Only to interconnect two adjacent switches (one on top of the other), Twinax is acceptable.

Q8) Re: Data Center Optics - If The City would like SFP based connectivity, should we include Fibre patch cables as part of the response or will that be handled by the City?

A8) This will be handled independently. There is no need to include any fibre patch cables.

End of Addendum No. 3

Proponents take into account the content of this Addendum in the preparation and submission of the Proposal which will form part of the Contract and should be acknowledged on the Proposal Submission Form.

Upon submitting a Proposal, Proponents are deemed to have received all addenda that are issued and posted on the City's website and considered the information for inclusion in the Proposal submission.

Issued by:

M. Pain
Purchasing Manager

bid@coquitlam.ca