



November 15, 2024

ADDENDUM 1 TO Library System of Lancaster County WAN Consortium Request for Proposals (RFP) for Wide Area Network and Internet Services, Funding Year 2025

The questions below have been edited for clarity and organized by subject area.

Respondent Questions and LSLC Answers:

Single Solution or Partial Solution

Q1: It appears you are requesting one provider who can handle the whole network. Is this correct? Could a vendor bid on some of the locations (a partial solution) but not all?

A1: *While a single solution would be preferable, partial solutions will be considered.*

Q2: Could a vendor bid a partial solution, such as Internet at the central site, plus any sites where it is cost effective? Will you consider partial solutions if the per-location pricing of the partial solution is lower than a competing proposal?

A2: *While a single solution would be preferable, partial solutions will be considered.*

Services Sought and Specifications

Q3: What devices will be connecting to the WAN at each location? What type of hand off are you seeking for the various locations?.

A3: *The end user equipment varies by location. Of the 16 locations on the WAN, 8 sites have Aruba 2920-48G Switches with 1000Base-T Copper handoff to WAN, 7 sites have Aruba 2920-24G Switches with 1000Base-T Copper handoff to WAN, and 1 site (the main LSLC office) has a Fortinet Fortigate 201F Firewall with 1000Base-T Copper handoff to the Internet and a 10GBase-SR LC connector handoff to the WAN side.*

Q4: Can we utilize existing conduit and innerduct?

A5: *Yes, where existing conduit and innerduct are available, the winning vendor may make use of these resources.*



- Q5: Are you looking for 16 independent circuits, or a “hub and spoke” network, with one single handoff at the head end location?
- A5: *We have not specified a required network topology. See RFP sections 6, 7.1, 7.2, and (in particular) 7.4.*
- Q6: Will all routing on the WAN be handled by LSLC, whereas Internet routing will be handled by the winning provider?
- A6: *The answer to this question will be somewhat dependent upon the winning provider’s proposed solution. Currently LSLC routes WAN traffic and our current provider routes Internet traffic.*
- Q7: What are the applications and services hosted that will need to traverse the WAN network?
- A7: *Network traffic is currently IPV4 TCP/UDP/IP protocol traffic. IPV6 is not currently used but may be implemented within the time period of this contract. The majority of the traffic is https, dns traffic eventually travelling to the Internet. File share services such as SMB and NFS are also used. VOIP and video applications are also used across the WAN. The WAN is used for libraries to connect to our library catalog servers. The library catalog uses many proprietary TCP/IP protocols for client/server communication. This is not an exhaustive list of applications and services used on our WAN. We expect to be able to use any TCP/UDP/IP IPV4 based protocol and service over any proposed WAN within the bandwidth requested.*