



RFP #756-17P Wide Area Network Services

Addendum 001

05/12/17

Thank you for submitting your questions to us related to our RFP for Wide Area Network Services. We have pasted the questions we received below and answered them in red font. We have removed duplicate questions but have presented all questions below exactly as they were submitted. Please remember to follow the RFP submittal instructions carefully as CMC cannot consider a response that is not submitted on time and in compliance with these requirements.

1. I would like to clarify if this bid is solely for Networking, or if there is any other need not mentioned on the bid site?
This RFP is solely for telecommunications services described in the request.
2. It was mentioned on the Q&A call that 42 RU was required and AC Power. Do you know the draw in amps that is required?
Co-located rack space is not a require part of this request. If included, it must be physically located at 910 15th St, Denver. Consider 20A as the baseline power draw.
3. Does CMC require networking hardware at each location?
No.
 - a. If yes, is this to be included in the proposal?
N/A
 - b. If yes, do you have list for hardware requirements for each site?
N/A
 - c. If yes to all in questions 1, will you accept bids for required hardware only?
N/A
4. Define 1G wavelength
 - a. **Layer 1 service. Dark fiber or traditional wave [dense or coarse]. Not switched, not MPLS.**
5. Regarding 'latency should not exceed 25ms'. Should this be a SLA requirement?
 - a. **For any segment, the latency shouldn't exceed 25ms. The goal of this statement is to ensure paths are designed to be as direct as possible. If included in a SLA, latency should not exceed 100ms.**

- b. Follow-up question: Due diligence or verification?
Yes. For any path, we would like to know the estimated propagation delay of an end-to-end path.
- 6. Regarding 910 15th Street, would you like co-location space included? Should cross-connect pricing be included?
 - a. If cross-connect pricing is included, please itemize separately from circuit costs.
 - b. We don't have a space locked down. We have lightly reserved a single cabinet. We would consider a sub-lease if it makes sense. If included, we require a full 42RU cabinet with AC power.
- 7. Aspen, Carbondale, and Rifle all show routing back to CS - is there a business driver for this design?
 - a. We have knowledge on how local networks are built out. If you find it more cost-effective to take directly to Denver instead of back to CS, that would be appropriate.
- 8. Can we tie Buena Vista to 910 15th St, Denver or CS?
 - a. Yes, if proposed that way, a direct connection to Denver would be preferred vs to CS.
- 9. Layer 2 P1 QoS bandwidth?
 - a. No, however, it is preferable to have point-to-point EVCs wo shaping can be done for each link vs. point-to-multipoint EVCs that require QoS interoperability. Point-to-multipoint EVCs are still acceptable if there is a significant savings.
- 10. Would any-to-any network be acceptable or are there site restrictions?
 - a. I assume you are referring to a mesh design? If so, yes, that is acceptable but not a requirement.
- 11. Any requirement for diversity entering each location in layer 2 and wave?
 - a. No requirement, if your proposal includes this, please call it out specifically.
- 12. Regarding Appendix B - CS location [primary path] wave service item 1. P2P transport and then redundant path. What's the difference?
 - a. Primary circuit vs secondary. Primary needs different speed options. Not shared path, guaranteed bandwidth. Backup may be shared. We have different bandwidths listed, any time there is multiple option listed quote as many as you want or can.
- 13. Regarding Section 3 item A - is mandatory walk through?
 - a. This refers to the virtual walkthrough (this call). It's not actually mandatory but highly encouraged.