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**Addendum 1**  
**Solicitation 21-99466**  
**Downtown Duluth Fiber Expansion**

This addendum serves to notify all bidders of the following changes to the solicitation documents:

1. There should be no penetration into the existing conduit in the lower level of the DTC. Structure X-ray and drilling is required and for a new junction box and entrance into the DMARK

Questions we have received relating to the Fiber Expansion are listed below with answers in italics.

2. Please confirm the number of cables in each existing splice case/enclosure as well as the numbers of fibers burned in each case. This applies to PV 2, 6, & 8.  
*A - This is shown in the fiber schematics portion of the plans. PV 2 is on sheet 9 of the plans. PV 6 is on sheet 10 of the plans. PV 8 is on sheet 11 of the plans.*
3. Is there a preference on SM OS1 or SM OS2 Fiber cable?  
*A - See SZ-23.1 of the special provisions for fiber optic cable requirements. This will take you to MnDOT's approved product list where you can obtain a list of the approved fiber optic cables (and the associated specifications).*
4. For city hall in-building vertical fiber, is conduit supposed to be provided?  
*A - The in building vertical fiber is to be located in the existing conduit in the elevator shaft.*
5. Are there supposed to be service loops in the pull vaults?  
*A - Please refer to plans for required service loops.*
6. Will rock drilling be paid separately as an adder or is it expected to be included in our lump sum pricing for the project  
*A - For fiber projects like this we typically don't pay for rock drilling separately. That should be included in the lump sum bid for the project.*
7. Excluding the locator balls called out in section 7.2 of the specs, does the city intend to furnish any materials for the project?  
*A - The intention of this spec section is to describe items that the City will furnish the contractor*

*for them to install. The only item is the locator balls. There are other items that the City will furnish and install (that cabinet, ethernet switches, patch cords, etc.) but the contractor doesn't have anything to do with that.*

Please acknowledge receipt of this Addendum by checking the acknowledgment box within the [www.bidexpress.com](http://www.bidexpress.com) solicitation.

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