

March 24, 2022

**TO:** All Planholders of Record

**RE:** Addendum No. 1

Mission Avenue Water Main Improvements

City of Kenai

This addendum consists of three (3) pages.

**Bid Opening date and time remain unchanged.**

Bidders must acknowledge the receipt of this addendum in writing on the Bid Proposal. This addendum amends and/or supplements the contract documents. Contract document provisions not specifically amended herein remain in full force and effect.

**CLARIFICATIONS/EXPLANATIONS:** In response to questions posed.

1. Q: Please clarify hydrant pressure testing requirements.  
A: See modification to Special Provisions Section 60.04 Article 4.4.
2. Q: What buildings/water services will be affected during construction?  
A: Please refer to the City of Kenai's Public Works Map, located at the following web address, for water main locations and isolation valves. Locations and information are approximate and the Contractor shall be responsible for obtaining field verification of all existing water system features.  
<https://kenai.maps.arcgis.com/home/index.html>
3. Q: C1.01 note C- Is this note specifically for water main only, or does it apply to the fire hydrant and water service as well?  
A: This note applies to all water system components, including water mains, hydrant assemblies, and water services.
4. Q: Is HDPE allowable for the 1" water service?  
A: No, refer to MASS Detail 60-13.
5. Q: If 1" copper is required, will thaw wire be required from curb stop back to the main?  
A: Yes, refer to MASS Detail 60-13.

Civil  
Engineering

Geotechnical  
Engineering

Transportation  
Engineering

Aviation  
Engineering

W/WW  
Engineering

Environmental  
Services

Surveying &  
Mapping

Construction  
Administration

Material  
Testing

6. Q: Are cast in place thrust blocks required, or are pre cast thrust blocks acceptable?  
A: Pre-cast thrust blocks are allowable. Refer to MASS, specifically Detail 60-06 and 60-07, for thrust block requirements.
7. Q: Is the sewer line 8" AC pipe? What class?  
A: Record information indicates the sewer main in Work Area 2 believed to be active is 10" DIP, no class is specified.
8. Q: What class is the 6" AC water line?  
A: Record information does not indicate the existing pipe class.
9. Q: Elevation of water line? Should we assume that it will need to be insulated?  
A: Record information in the general area indicates water main was installed at depths of 8' to 10'. Record information does not indicate depth of the water service in Work Area 1. Insulation is required where there is less than 10' of cover over pipe.
10. Q: Are there limits of where we need to search for any existing sewer?  
A: Contractor shall expose sewer main during the course of installation of new water improvements to verify that all ADEC separation requirements are met. This requirement shall extend to crossings in which the sewer main is located below the water main.
11. Q: Please provide clarification on the insulated hydrant leg in Work Area 2.  
A: ADEC requires that sewer lines that cross water mains must be pressure tested or enclosed in a carrier pipe. As the potential sewer crossing is an existing line, enclosing the water line in a carrier pipe is currently interpreted by ADEC as equivalent. Insulated pipe meets this requirement, provided the insulated hydrant leg is centered on the potential sewer crossing, with 9' separation between the crossing and water main joints.

**BIDDING AND CONTRACT DOCUMENTS**

A. Modification to Special Provisions Section 60.04.

1) Article 4.4: Delete in its entirety and replace with the following:

Close fire hydrant auxiliary valve during installation and disinfect hydrant assemblies in accordance with AWWA C651-14. Upon completion of disinfection, perform bacteriological sample testing using a Contractor-supplied testing laboratory certified by the State of Alaska. Provide test results from two consecutive days or 15 minutes apart while sampling point is flowing indicating an absence of fecal coliform and as required by AWWA C651-14. Perform testing at all hydrant locations within the newly constructed piping, as directed by Engineer. Additional compensation or contract time extensions for re-testing due to inadequate disinfection will not be granted. Following disinfection and prior to backfill, hydrant assemblies shall be visually inspected for leaks at normal service pressure in the presence of the Engineer.

END OF ADDENDUM NO. 1