

City of Unalaska

2017 MISCELLANEOUS STORM DRAINAGE IMPROVEMENTS

PRE-BID MEETING AGENDA

Owner: City of Unalaska

Project: **2017 MISCELLANEOUS STORM DRAINAGE IMPROVEMENTS**
DPW Project Nos. 11102, 10101

Date: April 20, 2017

The bid documents are comprised of the plan set and the project manual. The project manual has the contract, general conditions, technical specifications, wage rate requirements, permits, etc. Anything that changes any part of the issued bid documents will be modified by addendum. Nothing in this meeting is intended to change or supersede any written contract provision.

- Contact lgregory@ci.unalaska.ak.us to be added to the plan holders list.
- Bids will be received on May 2, 2017 until 2 pm local time in Unalaska, Alaska. Modifications must be hand delivered or faxed.
- Bids are good for 60 days. Once a Notice to Proceed is issued the contractor has 180 days to complete the work. Once ground is broken the contractor then has 120 days to complete the work.
- Liquidated damages may be applied as defined in the Standard Form of Agreement.

The Work is dispersed at four locations in the City of Unalaska. In total, there are approximately 4,470 lineal feet of 12" to 24" Corrugated Plastic, Steel and Ductile Iron Pipe, (38) manholes, (2) Treatment Manholes, (2) concrete treatment basins, and related appurtenances. Everything will be paid for on a unit price basis. Soils are not included with individual bid items but paid for separately. Designs are based on as-builts and known information but there are unknowns related to private utilities and some conflicts in the record drawings.

Easements and permits were acquired for this work. All work is limited to ROW or easements and conform to the provisions of the permits that are included in the project manual. The staking survey(s) need to lay out the easements to assure all work is contained in them. Legal descriptions for the easements are included in the project manual. Flaggers are required.

Standard Oil Hill:

- Intended to relieve some ponding on Makushin Drive
- Work localized, partially in residential and partly in an industrial area
- Coordinate access with property owners
- Likely some bedrock in the downslope areas
- Remove and replace trees
- Discharge after treatment manhole to area above Sitka Spruce Park

Trapper Drive:

- Intended to intercept some flows that threaten downstream structures
- Residential area, coordinate access with property owners
- Waterline is 6" PVC and gets relocated in three separate locations. There is a bid item to look at replacing a section of the 6" PVC line with 8" DIP in lieu of raising or lowering the waterline three times.

East Point/Margaret Bay:

- Intended to provide drainage to a portion of East Point Road and deliver the water to Margaret Bay.

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- There are outfall pipes in the road prism that have not been located horizontally or vertically. Contractor needs to coordinate with processors regarding locates.
- Treatment vault installed near discharge.
- Discharge with Tideflex valve in permitted tidal zone.
- Likely some bedrock on the north side of the road
- Riprap and seeding required at discharge

Ptarmigan Flats:

- Intended to replace pipe that drains and maintains the lake level. The downstream system also replaces a WWII storm drain with multiple improvements. There are constant flows from the lake so the contractor needs to manage the water and schedule and stage work to accommodate drainage and stormwater flows.
- Work in Matson yard limited to May, June or October and requires close coordination with users. There is also work around their office facility.
- Electrical utilities in Matson Yard will be located by DPU. There are also some phone utilities that are not shown. Utility locations shown are approximate and not based on any survey.
- Work in East Point Road ROW in known contaminated area. Work needs to be scheduled for a dry period with low groundwater that is verified from monitoring local wells. See 003500 for historical water levels. The top 4' of the ground was tested and is pre-characterized as clean in most areas. Everything below that is considered contaminated or potentially contaminated so it needs to be treated as contaminated. All contaminated soil can be backfilled into the same trench within 200' of where it was extracted but needs to remain in the ROW on plastic and covered. If the contaminated soil volume is too large a containment cell needs to be constructed but this is an undesired scenario so there is incentive payment for not constructing the cell and replacing all the contaminated soils back in the trench. Dewatering is not allowed in ROW. A qualified environmental professional needs to be present during work in this area, except the Matson Yard. There is separate payment for this item. See specification 03500 for details.
- There is a treatment vault located at the downstream end of the system. A test pit was excavated in this area to full depth. The soils were dry and two utilidors were observed. One of these utilidors was previously decommissioned to the best of our knowledge. A photolog of the test dig is in the plans.
- There is a water main relocation near the treatment vault. The intent is to maintain minimum horizontal and vertical clearances from the sewer line.
- The light pole was destroyed by a truck and its replacement is no longer in scope.
- All pipe in the ROW requires nitrile gaskets to resist effects of oil. The CPP in this area requires watertight connections as opposed to soil tight. There is a forthcoming addendum clearing this up.
- There is a City installed CPP on the downstream side of the above ground fuel oil lines operated by Delta Western. This work requires excavation under the fuel pipes to make the connection. A work plan is required to assure the pipes and supports are adequately protected. Work needs coordinated with DW and they may have a representative on hand at critical times manning the shut off valves. Access is limited, there is no path for equipment to track to the other side of the fuel rack.