

REPLACEMENT OF 2-INCH DIAMETER WATER LINE ESCALANTE, UTAH

The City of Escalante, Utah is seeking proposals from qualified, Utah-licensed contractors to replace approximately 1.5 miles of 2-inch diameter water line. Key features of this project include:

- Installation of new 2-inch diameter PVC potable-water pipeline along the same general alignment of the existing water line,
- Connect the new water line to the existing 6-inch diameter water main in 900 South Street,
- Installation of a pressure reducing/pressure sustaining valve,
- Installation of appurtenant items, and
- Connection of the new water line to existing water service meters

The general location of this project is shown on Figure 1. Basic information regarding this project is provided below.

Contractor General Responsibilities

1. The Contractor shall comply with all applicable local, state and federal codes and ordinances throughout completion of this work.
2. All work shall be conducted within Escalante City and/or Garfield County rights-of-way.
3. Contractor shall locate and protect all existing above-ground and below-ground utilities in the performance of the work.
4. Contractor is responsible for traffic control in the performance of the work.
5. Contractor shall perform all work in a safe and environmentally-sound manner.
6. Contractor shall provide workmanship of the best quality relative to respective industries, trades, crafts, and practices.

Scope of Work

Work to be completed under this contract shall include, but not be limited to, the following:

1. Mobilize and demobilize required equipment, materials, and personnel. Set up temporary controls such as offices, storage areas, laydown yards, barricades, and traffic control. Obtain all required permits for performance of the work.
2. Perform all excavation, backfilling, compaction, and grading required for installation of 2-inch water pipe with adapters, elbows, tees, crosses, reducers/enlargers or other fittings as needed. All pipe and fittings will be provided by Escalante City. The Contractor shall provide all necessary support or bracing of excavations and trenches, dewatering of excavations and/or removal or re-routing of surface water, pipe, valves, valve boxes, thrust blocks or mechanical restraints, etc. as necessary.
3. The new 2-inch diameter PVC pipe shall be connected to the existing 6-inch diameter water main either through a nipple or mechanical connection to the existing 2-inch diameter water pipe or through replacement of the existing connection to the 6-inch diameter pipe. The

new 2-inch diameter PVC pipe shall be buried a minimum of 4 feet below ground surface in and adjacent to roadways and a minimum of 5 feet below the bed of Alvey Wash.

4. All backfill within 6 inches of the 2-inch diameter PVC pipe shall be free of debris and contain no particle greater than 1 inch in any dimension. Contractor shall compact backfill sufficiently to replace all material in the trench from which it was excavated, minus the volume occupied by the pipe and fittings.
5. Perform all work and excavation, bedding, backfilling, compaction, and grading required for installation of a new pressure reducing/pressure sustaining valve (OCV Control Valves Model 127-2 or equal) in the new 2-inch diameter water line in accordance with manufacturer instructions and the requirements of the Utah Division of Drinking Water. This work shall include installation of a protective manhole and all necessary pipe, fittings, valves, etc. to make the pressure reducing/pressure sustaining valve operable. Shutoff valves shall be installed up- and downstream of the pressure reducing/pressure sustaining valve to allow that valve to be serviced.
6. Install a self-draining, non-freezing blow-off hydrant, with necessary fittings and valve box, on the downstream end of the new 2-inch diameter water line. The blow-off hydrant shall be lead-free, capable of withstanding a static pressure of at least 150 psi, and meet all applicable standards for potable water as published by the American National Standards Institute, the National Sanitation Foundation International, and the Utah Division of Drinking Water.
7. Following installation of the new water line, the Contractor shall pressure-test and leak-test the new water line in accordance with AWWA Standard C600-10. The Contractor shall exercise care during filling of the new water line to ensure that air is properly flushed from the line. Any section of the water line that does not meet the testing standard shall be repaired by the Contractor before the line is disinfected.
8. Following testing of the new water line, the line shall be disinfected in accordance with the requirements of AWWA Standard C651-05. The Contractor shall provide evidence of satisfactory disinfection of the new water line prior to connecting the line to existing service connections.
9. Perform all work to connect service lines, including excavation from the new 2-inch diameter water line to existing customer water meters as needed. Connect the existing service lines and customer water meters, making the meters ready for use.
10. Coordinate shutdown of water lines with Escalante City and affected residents. Provide 48 hours' notice to all customers before water shutdown necessary for service connections.
11. Maintain and cleanup contractor stockpile and laydown areas or equipment yards. Repair earthwork or landscaping as needed to restore access roadways, yard areas, etc.

Proposal Requirements

Bidders shall provide the following with their bid:

1. A firm, fixed-price proposal for the performance of the work.
2. A copy of the Bidder's current contractor license (Bidder must be licensed to work in the State of Utah)
3. References (including contact name and phone number) for Bidder's past experience with water pipeline construction.

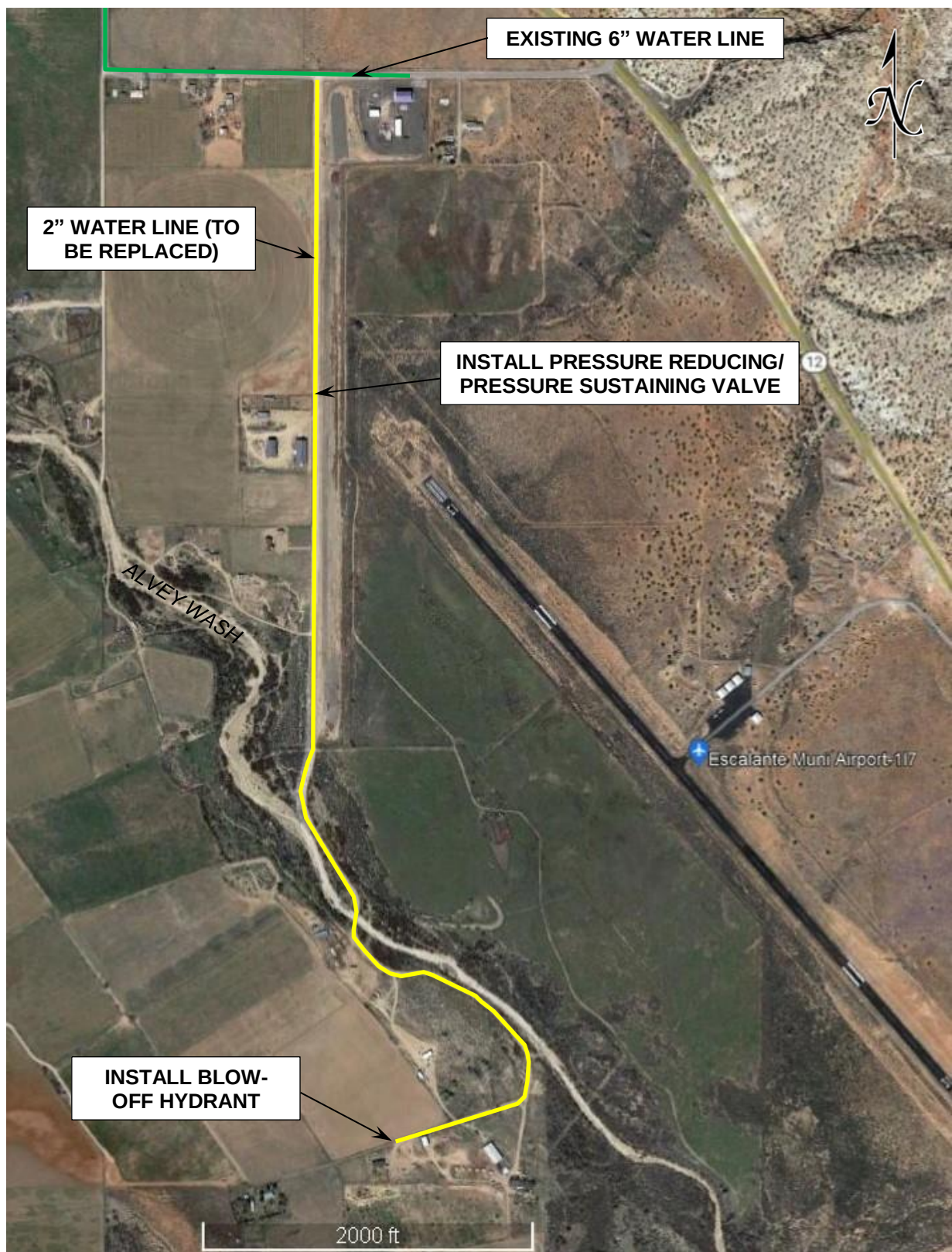
4. List of capital and equipment to complete the work.
5. Proof of insurance held by Bidder (including Workers Compensation insurance and General Liability insurance). The successful Bidder will be required to name Escalante City as an additional insured (other than Workers Compensation insurance).

All proposals must be provided to the Escalante City office no later than 4:00 pm Mountain Time on September 5, 2022 as follows:

Via hand delivery or carrier service: Escalante City
PO Box 189
56 North 100 West
Escalante, Utah 84726

Or via email: ssteed@escalantecity.com.

Bids received after the required time will not be accepted. Bids will be privately opened and tabulated. Escalante City reserves the right to reject any and all bids and to waive irregularities or informalities in any bid.



BASE: GOOGLE EARTH IMAGE DATED 3/17/2016

FIGURE 1. PROJECT LOCATION

