

## **Pump Station No. 4**

### **Project Description:**

Basic Bid – Schedule I – Pump Station No. 4 Replacement shall take place within the easement south of Anderson Avenue and north of Blossom Gulch Creek. Demolition of existing station shall take place on 10th Street, adjacent to Blossom Gulch Elementary School. i. Furnish and install new precast concrete wetwell, valve vault and flow meter vault. Wetwell will be 7-foot inside diameter and approximately 23 feet deep. ii. Furnish and Install 6-inch and 8-inch ductile iron pipe, valves, fittings, and flow meter. iii. Furnish and Install two submersible centrifugal pumps, guide rails, VFDs, controls and appurtenances. iv. Construct new CMU electrical/control building and concrete flatwork. v. Furnish and install stationary generator and automatic transfer switch. vi. Perform site work including raising the site above floodplain and a new retaining wall. Provide AC pavement and crushed rock surfaces. Furnish and Install chain link perimeter fence. vii. Connection to new 8-inch HDPE forcemain. viii. Demolition of existing wetwell, drywell, forcemain and influent pipe. Conversion of portion of gravity line to building lateral. ix. Electrical installation including buried conduit, power and control wire, panels, power supply and other as required for a complete and operational installation. x. Temporary pumping facilities as required to maintain operation of existing pump station during construction.

Basic Bid – Schedule II - New Gravity Sewer Line and Force Main construction shall take place along a portion an easement between 10th Street and vacated 11th Street. Force main will continue north under 11th Street easement, across Anderson Avenue and terminate at the existing manhole at the intersection of 11th Street and an alley. i. Furnish and install approximately 335 lineal feet of 12-inch 3034 PVC sanitary sewer piping. Complete installation shall include, but is not limited to: trench excavation, connection to existing systems and complete testing of facilities. ii. Furnish and install approximately 465 feet of 8-inch HDPE pressure piping. Complete installation shall include, but is not limited to: trench excavation, connection to existing systems and complete testing of facilities. iii. Installation of 3 new sanitary manholes and rehabilitation of discharge manhole. iv. Installation of 205 lineal feet of 3" PVC conduit. v. Restoration of ac pavement and landscape under easements, 11th Street and Anderson Avenue. vi. Temporary pumping facilities as required to maintain sewer service during construction.