

CITY OF AZTEC, NEW MEXICO
MCWILLIAMS ROAD SEWER EXTENSION PROJECT
BACKGROUND AND SPECIFICATIONS

June 10, 2021

BACKGROUND INFORMATION

The City of Aztec, New Mexico (City) proposes to pave McWilliams Drive from the end of the existing pavement near the intersection with Mascarenas Drive to North Oliver Drive. Prior to pavement, of the existing unpaved roadway, a sanitary sewer extension and service connection needs to be installed within the road right-of-way. This installation needs to be completed by August 15, 2021 to allow occupancy of the new San Juan County Soil and Water Conservation District (SJCSWCD) office currently under construction. The City retained CHC Engineers of Durango, Colorado to design the road pavement and the sewer extension and service connection. The road pavement will be performed in the fall, but the sewer needs to be installed to connect the SJCSWCD building. This project involves the installation of this sewer extension and service connection, only. Therefore, the City proposes to issue a construction contract to complete the installation and start-up of the sanitary sewer piping described in the Scope of Work below as shown on the attached drawing.

SPECIFICATIONS

A SCOPE OF WORK

The Scope of Work for this construction project is divided into the four main items listed below.

1. SURVEY AND LAYOUT THE PROPOSED SEWER PIPE INSTALLATION

The work under this task includes the following:

- a. Perform site survey to locate the route of the proposed sewer pipes in accordance with the design drawing.
- b. Locate and determine elevation of the end of the existing customer 4-inch diameter PVC sanitary sewer service pipe.

2. PROVIDE AND INSTALL 513 FEET OF 8-INCH DIAMETER SEWER PIPE AND 2 MANHOLES

The work under this task includes the following:

- a. Excavate trench to install pipe and manholes to elevations shown on the design drawing

- b. Provide and install 513 feet of 8-inch diameter SDR 35 bell and spigot PVC sewer pipe and two 4-foot diameter concrete manholes in accordance with the design drawing and specifications.
- c. Backfill and compact pipe installation in accordance with the specifications. Compaction testing to be provided by the City.

3. PROVIDE AND INSTALL SADDLE CONNECTION AND 25 FEET OF 4-INCH DIAMETER SEWER SERVICE PIPE

The work under this task includes the following:

- a. Excavate trench to install pipe and manholes to elevations shown on the design drawing
- b. Provide and install the 8-inch by 4-inch connection saddle and 25 feet of 4-inch diameter SDR 35 bell and spigot PVC sewer pipe and connect to the existing customer owned sewer service pipe
- c. Backfill and compact pipe installation in accordance with the specifications. Compaction testing to be provided by the City.

4. PROVIDE RECORD DRAWINGS OF THE SEWER INSTALLATION

The work under this task includes the following:

- a. Provide a hand mark-up of the final location and elevation of the sewer pipes installed

B. GENERAL REQUIREMENTS AND SPECIFICATION

- 1. Pipe and manholes shall be new, not used
- 2. All pipe shall be SDR 35 bell and spigot PVC Pipe
- 3. All backfill shall be placed in 12-inch (uncompacted) lifts and compacted to 95% modified Proctor.

C. REQUIRED QUALIFICATIONS

- 1. Offeror must have at least five (5) years of experience installing buried sewer pipe
- 2. Offeror shall have completed at least 5 sewer installation projects with a value of at least \$100,000.