

**Sundown Sanitary Sewer District
Construction Bid**

Work Task #1: Repairs to the existing section of 8-inch sanitary sewer pipe between Manhole #24 and Manhole #30 a distance of approximately 540-feet. Repairs will require pulling through a 6-inch HDPE DR-17 pipe.

Install and connect three (3) existing sewer service laterals to the new 6-inch HDPE pipe. The three residences are located at 92024 Drucker Place, 92048 Drucker Place and 92054 Drucker Place. Contractor to verify the location and size of the each existing sewer service, drill the correct size matching hole in the HDPE pipe, install the correct size saddle with stainless steel bands, connect the existing sewer lateral to the new saddle with watertight fittings. Approximately 10-feet of 4-inch Schedule-40 pipe will be required for each service. Grout seal the space between the new pipe and the old pipe.

Cost for completing Work Task #1, \$ _____.

Work Task #2: Repairs to the existing section of 8-inch sanitary sewer pipe between Manhole #1 and Manhole #4, a distance of approximately 455-feet. Repairs will require pulling through a 6-inch HDPE DR-17 pipe.

Remove and replace Manhole #2 and Manhole #4. Contractor to measure and layout the grade and size of the incoming and outgoing pipelines. Provide a smooth concrete channel between inverts. Submit a manhole layout to the District's Engineer prior to ordering materials. The lid of the manhole to match the grade of the surrounding ground. Fill and compact the soil around the manhole. Place grass seed in disturbed areas.

Install a new 4-inch sanitary sewer service lateral between Manhole #3 and the residence at 36278 Bartoldus Loop (Fastabend residence). The service lateral to be constructed by directional drilling from Manhole #3 and connecting to the existing service lateral near the residence, a distance of approximately 90-feet, utilizing glued Schedule-40 pipe. Minimum grade of the service lateral will be $\frac{1}{4}$ " per foot. All fittings and connections shall be watertight. A tracer wire secured to the new sewer lateral is required. The new service line with end at Manhole #3 with an inside drop connection.

Install a new 4-inch sanitary sewer service lateral to the future Bornstein residence. The service lateral to be constructed by directional drilling from Manhole #3 and ending near the southeast lot corner, a distance of approximately 190-feet, utilizing glued Schedule-40 pipe. The end of the service lateral at the Bornstein property will be a minimum of 3-feet deep. Mark the end

of the pipe with a treated 4x4 post. Minimum grade of the service lateral will be 1/4" per foot. All fittings and connections shall be watertight. A tracer wire secured to the new sewer lateral is required. New service line with end at Manhole #3 with an inside drop connection.

Install a new sanitary sewer service lateral for the residence located at 36301 River Point Drive (Altheide residence). Contractor to verify the location and size of the existing sewer service, drill the correct size matching hole in the HDPE pipe, install the correct size saddle with stainless steel bands, connect the existing sewer lateral to the new saddle with watertight fittings. Approximately 10-feet of 4-inch Schedule-40 pipe will be required. Grout seal the space between the new pipe and the old pipe.

Cost for completing Work Task #2, \$ _____.

Work Task #3: Repairs to the existing section of 10-inch sanitary sewer pipe between Manhole #4 and Manhole #5, a distance of approximately 175-feet. Repairs will require pulling through an 8-inch HDPE DR-xx pipe. Grout seal the ends of the pipe around the existing pipe.

Cost for completing Work Task #3, \$ _____.

Work Task #4: This work task shall include all costs and expenses related to mobilization, demobilization, insurance, implementation of this contract, and the required 1-year warranty.

Costs for completing Work Task #4, \$ _____.

Total Price \$ _____

Contractor Providing Bid Price: _____

Name of Construction Company: _____

Date: _____