

City Council Staff Report



Applicant:

NA

Location:

Maple Street / 800 South

Prepared By:

Steven Lord, Public
Works Director

Public Hearing:

No

Attachments:

Design Proposals

REQUEST

Award the design contract for the Maple Street/800 South PI Trunkline project to [Engineering Firm].

BACKGROUND & DESCRIPTION

In 2018 Mapleton City completed a comprehensive Water Resources Master Plan (WRMP). The stated goals in the WRMP are *to identify the present and future needs of the Culinary Water and Pressurized Irrigation systems managed by the City.*

A major component of the plan included a capital improvements plan and prioritization for the Pressurized Irrigation system. Capital Projects are identified and broken out into 3 time frames: year 1-6, year 6-10, and year 10-buildout.

Item	Item and Description	Total Cost
YEAR 1-6 PROJECTS		
1	Maple Street, Main Street to 1600 West	\$1,181,000
2	Slant Road, 1600 West to River Birch Road and Silver Leaf Drive to 675 South	\$599,000
3	800 South, 300 West to 800 West; Connect to Harvest Park	\$663,000
4	1600 South, Main Street to 1600 West	\$1,082,000
5	800 West, 1000 South to 1600 South	\$311,000
TOTAL -YEAR 1-6 PROJECTS		\$3,836,000

Public Works has been working on preliminary engineering for the first 3 projects identified in the master plan. The next step in the process is to complete the full design and prepare documents for construction.

EVALUATION

Four professional engineering firms with experience designing Pressurized Irrigation trunklines were invited to submit qualifications and cost proposals to complete the design and prepare bidding documents for construction. The four firms invited have existing relationships with the City having completed various projects in recent history. They were:

JUB Engineering

Sunrise Engineering

Horrocks Engineers

Hansen, Allen, and Luce

Proposals were submitted electronically on or before Friday, December 11th. Public Works staff reviewed the proposals and ranked them based on scoring criteria outlined in the request for proposals. The ranking is shown in the following table.

Engineering Firm	JUB	Sunrise	Horrocks	HAL
Project Team (30)				
Capability of Firm (20)				
Approach to the Project (40)				
Project Cost (10)				
Total (100)				

The highest scoring firm was [Engineering Firm]. The cost for the design and construction document preparation is \$[XX,XXX]

RECOMMENDATION

Adopt the attached resolution awarding the design of the Maple Street / 800 South Pressurized Irrigation Trunkline to [Engineering Firm] in the amount of \$[XX,XXX].

RESOLUTION NO. 2020-

A RESOLUTION OF THE CITY OF MAPLETON, UTAH AWARDING THE MAPLE STREET / 800 SOUTH PRESSURIZED IRRIGATION TRUNKLINE DESIGN TO [ENGINEERING FIRM] IN THE AMOUNT OF \$[XX,XXX]

WHEREAS, Mapleton City is committed to maintaining a safe and reliable pressurized irrigation system; and

WHEREAS, the area west of Highway 89 is not connected to the Pressurized Irrigation System; and

WHEREAS, through development, the City has installed dry Pressurized Irrigation pipe throughout the City; and

WHEREAS, the City has identified the areas of Maple Street and 800 South as the next priorities for expansion of the Pressurized Irrigation system;

NOW THEREFORE, BE IT RESOLVED by the City Council of Mapleton, Utah to adopt a resolution awarding the Maple Street / 800 South Pressurized Irrigation trunkline design to [ENGINEERING FIRM] in the amount of \$[XX,XXX].

This resolution adopted this 16th day of December, 2020 by the City Council of Mapleton City, Utah.

Dallas Hakes
Mayor

ATTEST:

Camille Brown
City Recorder