Ivins City Staff Report
City Council Meeting 8/3/2023

Agenda Item: Discuss and consider approval of expenditure for construction pressurized irrigation project 2023.

Submitted by: Thomas J. Jorgensen, P.E. Assistant City Engineer

Recommended City Council Action:
Approve expenditure of $198,549.59 for construction of pressurized irrigation project 2023, plus an additional $20,000 for contingency for a total of $218,549.59

BACKGROUND:

The master plan for the irrigation system was completed in 2019, providing guidance on what the buildout system would look like for a city-wide pressurized irrigation system for Ivins. The 2019 master plan for irrigation was done in conjunction with the culinary master plan, in which the impact fee for the two systems were combined into one "water" impact fee. Doing so allows the "water" impact fee funds collected to be spent on the irrigation system and/or the culinary system, providing flexibility to the City. Prior to the 2019 studies, the impact fees for irrigation and culinary were separate, which also meant that impact fees collected for irrigation needed to be spent only on irrigation improvements. With that being said, the city has some remaining collected irrigation impact fees that need to be spent on irrigation system improvements. Additionally, the time allotted by the State to spend those funds is ending and those funds need to be spent as soon as possible.

There is a question whether a pressurized irrigation system will ever be built in Ivins City that will provide irrigation water to all residences, so keeping that in mind, Staff has identified certain portions of that buildout system that would also be key in providing irrigation water to City parks. Staff anticipates that even if a comprehensive city-wide irrigation system is never built, it's still beneficial to construct a minimized irrigation system able to provide secondary water to city parks. Staff have been working with consulting engineers to design irrigation pipelines along 600 West and 400 West. These pipelines are consistent with both the "buildout" system and part of the minimized system that would provide irrigation to city parks. The intent is to spend irrigation impact fees on irrigation system improvements that have the highest chance of meeting future use before the City loses those funds.

FINDINGS AND ANALYSIS:

Staff has publicly advertised requests for bids, the results of the bid can be found below.

M&T Enterprises	$198,549.59
Precision Excavating	$224,173.63
Miller X LLC	$410,540.00

Staff have reviewed the bids and M&T Enterprises is the lowest bidder on the project. Staff recommends that the Council approve the expenditure of $198,549.59 plus an additional $20,000 for a total of $218,549.59 for this project.

SUPPORT MATERIALS:

- Bid Tabulation

FINANCIAL IMPACT:

The expense is impact fee eligible. The following GL Code would be used:
51-4287.9: $218,549.59

Respectfully Submitted:

Thomas J. Jorgensen, P.E. Assistant City Engineer

Content Review:

Dale Coulam, City Manager