

STAFF REPORT

Date: July 27, 2022

To: Mayor and City Council

Thru: Doug Thornley, City Manager

Subject: Staff Report (For Possible Action): Award of Contract to Farr Construction Corporation dba Resource Development Company for the Edison Way and University Lift Stations Replacement Project in the amount of \$3,912,546. (Sewer Fund)

From: Erick Miller

Department: Utility Services

Summary: The Edison Way and University Lift Stations for sanitary sewer are located near the intersection of Edison Way and Joule Street (Edison Way Lift Station) and Moraine Way and Lodestar Lane (University Lift Station) and have been identified as a high priority for rehabilitation due to their outdated layout, being run on delta power (outdated and does not conform with current standards), and corrosion in the wet well. This Contract with Farr Construction Corporation dba Resource Development Company (Farr Construction), for the Edison Way and University Lift Stations Replacement Project, includes all the necessary work to rebuild both new lift stations. Farr Construction submitted the best bid in the amount of \$3,512,546 which includes a contingency. The project is included in the City's FY23 Capital Improvement Plan (CIP). Staff recommends Council award the contract to Farr Construction.

Alignment with Strategic Plan: Infrastructure, Climate Change, and Environmental Sustainability

Previous Council Action: November 10, 2021 - Council approved an agreement with Shaw Engineering for the Professional Engineering Services for the Edison Way and University Lift Stations.

Background: In addition to the over 800 miles of sanitary sewer pipe within the City of Reno's sanitary sewer collection system, it also includes 30 lift stations. In February 2020 Brown and Caldwell produced a lift station assessment report to evaluate the condition of the City's lift stations. As part of the evaluation, improvements were recommended and prioritized. All lift stations were assigned a rehabilitation priority score of 1 (highest) to 5 (lowest). The Edison Way Lift Station was assigned a score of one (1) due in part to its outdated layout, being run on delta power (obsolete and does not conform with current standards), and corrosion in the wet well. The University Lift Station was assigned a score of two (2) due in part to its outdated layout, being run on delta power (obsolete and does not conform with current standards), and corrosion in the wet well.

Discussion: The Edison Way and University Lift Stations and force mains were both installed in 1968 and are at the end of their useful life.

The project includes demolishing both existing lift stations which includes removal of the wet well, site piping, and electrical components and then installing new pumps, site piping, valve vaults, wet wells, and electrical components. In addition to the sewer lift station improvements, approximately 75 feet of new sanitary sewer force main will be installed for the Edison Lift Station and 500 feet of new sanitary sewer force main for the University Lift Station since both existing force mains have reached the end of their useful life. The lift station sites, and associated force mains, are shown on the location maps attached.

An agreement for construction management services for the Edison Way and University Lift Station Replacement Project is being considered for award by Council under a separate agenda item on July 27, 2022.

Staff conducted a public bid for the replacement of the lift stations. Staff received and opened three bids for the lift stations on June 29, 2022. Farr Construction submitted the best bid pursuant to the requirements established in Nevada Revised Statute (NRS) Chapter 338.

Farr Construction is a General Contractor located in Sparks, Nevada and possesses the necessary license to perform work in Nevada.

The Base Bid includes the demolition and replacement of the existing lift stations.

Table 1 – Bid Summary

Edison Way and University Lift Stations Replacement Project	Farr Construction Corporation	Aspen Developers	KG Walters Co. Inc.	Engineer’s Estimate
Total Bid	\$3,512,546	\$3,585,000	\$4,999,860	\$3,908,055

The Engineer’s estimate was based on recent projects of similar scope and complexity.

Staff recommends award to Farr Construction for the lift station upgrades and improvements for \$3,915,546, which includes a \$400,000 contingency for unforeseen items encountered during construction.

Table 2 – Recommended Bid Award

Base Bid	\$3,512,546
Contingency	\$400,000
Bid Award	\$3,915,546

The consequences of not awarding this bid today will result in increased risk to the City and, possibility of the lift stations failing as they have reached the end of their useful life.

Financial Implications: Funding for the Edison Way and University Lift Stations Replacement Project will be from the Sewer Fund as identified in the City of Reno FY23 Capital Improvement Program.

Legal Implications: This Contract was competitively bid in accordance with Chapter 338 of the Nevada Revised Statutes (NRS). NRS 338.147 provides that a local government shall award a contract for a public work for which the estimated cost exceeds \$250,000 to the contractor who submits the best bid pursuant to the requirements of the chapter. Farr Construction maintains the proper license to perform the project and submitted the best bid pursuant to State Law.

Recommendation: Staff recommends Council award the contract to Farr Construction for the Edison Way and University Lift Stations Replacement Project in the amount of \$3,915,546 and authorize the Mayor to sign the contract.

Proposed Motion: I move to approve staff recommendation.

Attachments:

Edison Lift Station Map

University Lift Station Map

Farr Construction Contract