

STAFF REPORT

Date: May 22, 2024

To: Mayor and City Council

Through: Doug Thornley, City Manager

Subject: Staff Report (For Possible Action): Award of Contract to Farr Construction dba Resource Development Company (RDC) for the Sky Vista and Corey Lift Station Improvement Project in an amount not to exceed \$1,628,400. (Sewer Fund)

From: Erick Miller, Associate Civil Engineer

Department: Utility Services

Summary:

The Sky Vista and Corey Sanitary Sewer Lift Stations (LS) are in need of improvements to bring both lift stations up to current industry standards and provide safety improvements. This contract with Farr Construction dba Resource Development Company (RDC), for the Corey and Sky Vista Lift Stations Improvement Project, includes all the necessary work to provide redundancy in the event of power loss, replace outdated power supply, and provide operational upgrades and piping modifications. RDC submitted the best bid in the amount of \$1,628,400, which includes a contingency. Staff recommends Council award the contract to RDC.

Consent Review	Yes	No
1. Is this item an annual or standard item that comes before Council for regular approval?		X
2. Is this item an agreement required based on an item previously approved by Council?		X
3. Is this item included in the current budget approved and adopted by Council?	X	
Other Considerations		
What percent of the total City budget does this item represent?	0.19%	

Alignment with Strategic Plan:

Infrastructure, Climate Change, and Environmental Sustainability
Fiscal Sustainability

Previous Council Action:

April 26, 2023 – Council approved a Consultant Agreement with Carollo for Professional Engineering Services for the Corey Sanitary Sewer Lift Station and the Sky Vista Sanitary Sewer Lift Station Improvement Project in an amount not to exceed \$175,807. (Sewer Fund)

June 13, 2018 – Council approved a Consultant Agreement with Brown and Caldwell for the Sanitary Sewer Lift Station Condition Assessment and Master Plan in an amount not to exceed \$469,352. (Sewer Fund)

Background:

In addition to the over 835 miles of sanitary sewer pipe within the City of Reno's sanitary sewer collection system, it also includes 30 lift stations. The City commissioned Brown and Caldwell to evaluate the condition of the City's lift stations, resulting in the Lift Station Assessment Report, dated February 2020. As part of the evaluation, improvements were recommended and prioritized, and all lift stations were assigned a rehabilitation priority score of 1 (highest) to 5 (lowest).

The Sky Vista LS was constructed in 1996 and was assigned a score of 1 due to its lack of capacity, lack of emergency options, and undersized piping. The lack of capacity has been addressed as part of a nearby development improvement project. The Sky Vista LS, near the intersection of Lear Boulevard and Sage Point Court, is shown on the location map below.

The Corey LS was originally constructed in 1960 and reconstructed in 2007 and was assigned a score of 3 due to its outdated power service and underperforming equipment. The Corey LS, near the intersection of Corey Drive and Rainna Court, is shown on the location map below.

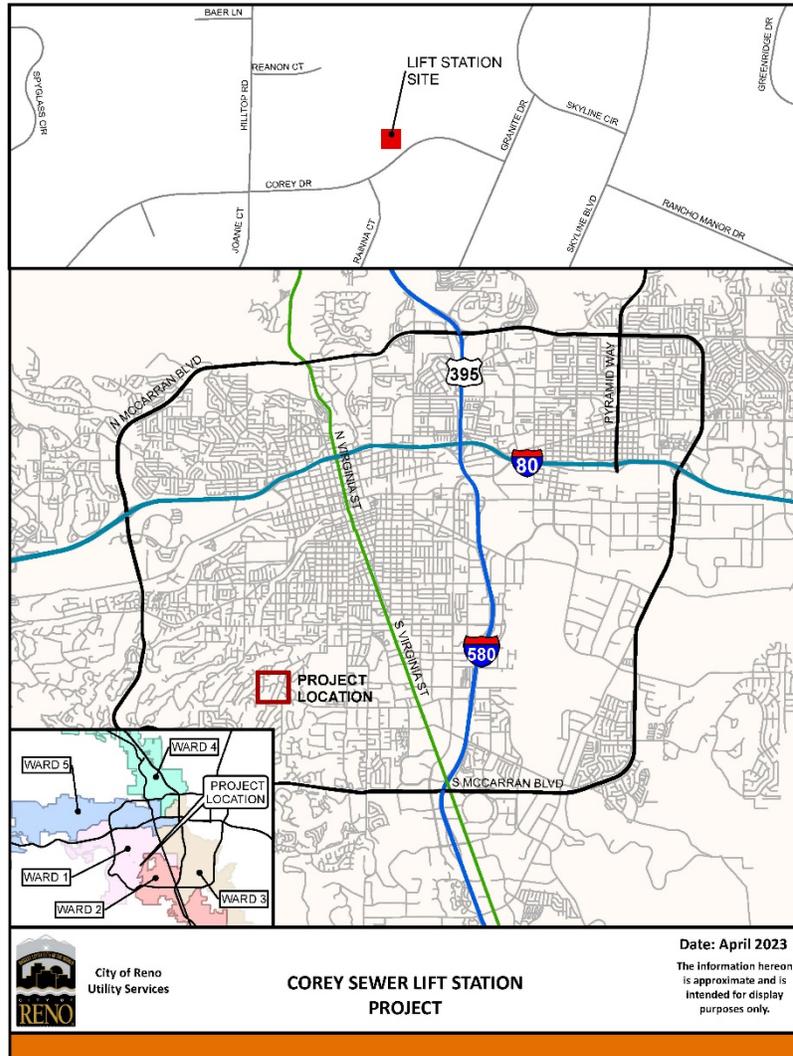
The Brown and Caldwell report recommends both lift stations receive the necessary improvements as detailed above.

Discussion:

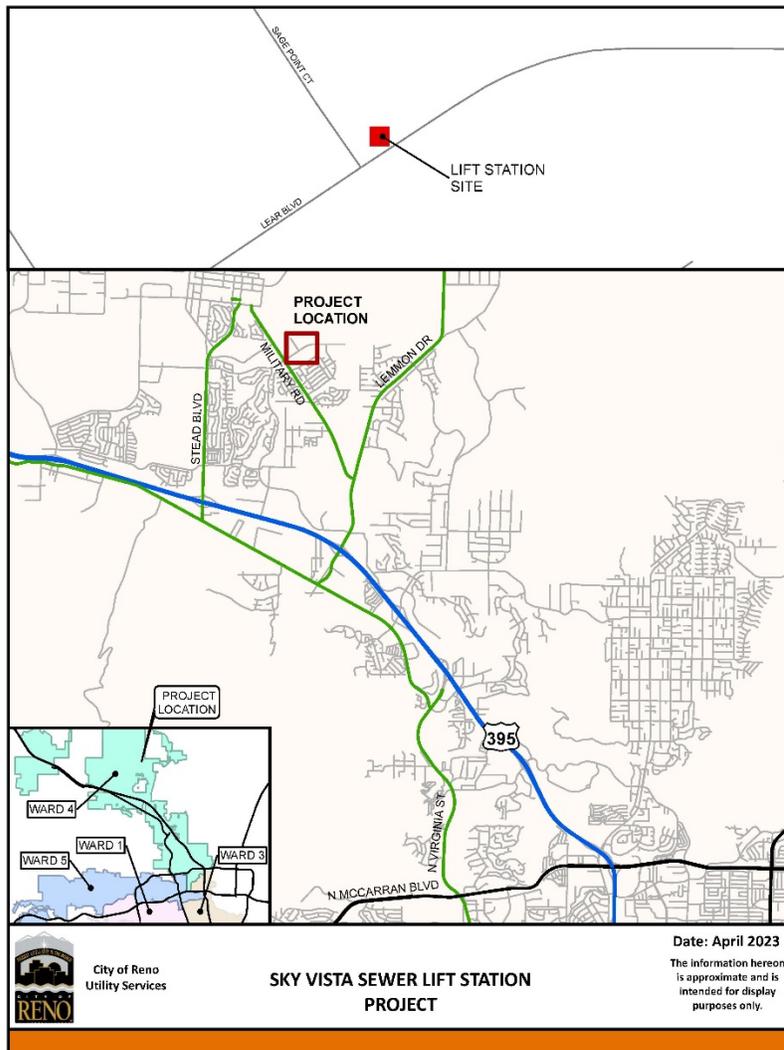
The Sky Vista Lift Station includes reconstruction of an onsite manhole, a new diesel engine pump for emergency operations, replacement piping and valves, upsizing and relocating the Automatic Transfer Switch (ATS), and crack repairs within the underground pump room to mitigate inflow/infiltration (I/I).

The Corey Lift Station includes removing and installing a new flow meter in a concrete vault, replacement of the diesel backup generator, a new control cabinet that will include Variable Frequency Devices (VFDs), installing electrical conduits and transformer for NV Energy to upgrade the existing power service to meet current industry standards and a new potable water service connection.

An amendment to an existing agreement for construction management services for the Sky Vista and Corey Lift Station Improvement Project is being considered for award by Council under a separate agenda item on May 22, 2024.



Location Maps



Staff conducted a public bid for the improvements to both lift stations. Staff received and opened three (3) bids for the lift stations on April 18, 2024. RDC submitted the best bid pursuant to the requirements established in Chapter 338 of the Nevada Revised Statutes (NRS).

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

The Base Bid includes the improvements for both lift stations.

Table 1 – Bid Summary

Sky Vista and Corey Lift Stations Improvement Project	Farr Construction dba Resource Development Company	M4 Engineering	Sierra Nevada Construction	Engineer's Estimate
Total Bid	\$1,528,400	\$1,698,355	\$1,737,007	\$1,257,947

Staff recommends awarding the contract to RDC for the lift station improvements for \$1,628,400, which includes a \$100,000 contingency for unforeseen items encountered during construction.

Table 2 – Recommended Bid Award

Base Bid	\$1,528,400
Contingency	\$100,000
Bid Award	\$1,628,400

The consequences of not awarding this bid today will result in increased risk to the City due to a potential for a sanitary sewer overflow (SSO) should there be a loss of power due to a lack of redundancy and operators working around an outdated power service.

Financial Implications:

This project is listed in the fiscal year (FY) 24 Capital Improvement Plan and funds are available in the Sewer Fund.

Legal Implications:

This contract was competitively bid in accordance with Chapter 338 of 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 (RDC) 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 RDC for the Corey and Sky Vista Lift Stations Improvement Project in the amount of \$1,628,400 and authorize the Mayor to sign the contract.

Proposed Motion:

I move to approve staff recommendation.

Attachments:

Sky Vista and Corey Lift Station Contract with RDC