

STAFF REPORT

Date: June 5, 2024

To: Mayor and City Council

Through: Doug Thornley, City Manager

Subject: Staff Report (For Possible Action): Approval of Consultant Agreement for Construction Management Services with Shaw Engineering for the Sky Vista and Corey Lift Stations Improvement Project in an amount not to exceed \$143,633. (Sewer Fund)

From: Erick Miller, Associate Civil Engineer

Department: Utility Services

Summary:

Staff recommends Council approve the agreement for construction management services with Shaw Engineering for the Sky Vista and Corey Lift Station Improvement Project in an amount not to exceed \$143,633.

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?	0.017%	

Alignment with Strategic Plan:

Fiscal Sustainability

Infrastructure, Climate Change, and Environmental Sustainability

Previous Council Action:

May 22, 2024 – Council awarded a contract to Farr Construction dba Resource Development Company (RDC) for the Sky Vista and Corey Lift Stations Improvement Project in an amount

not to exceed \$1,628,400 (Sewer Fund).

May 22, 2024 – Council approved the Line Extension Agreement with NV Energy for the Corey Lift Station Improvement Project in the amount of \$256,918 (Sewer Fund).

April 26, 2023 – Council approved an agreement with Carollo for professional engineering services for the Corey and Sky Vista Lift Stations in an amount not to exceed \$175,807 (Sewer Fund).

June 13, 2018 – Council approved a consultant agreement with Brown and Caldwell (BC) 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 (Reno's) sanitary sewer collection system, there are also 30 lift stations. Reno commissioned BC to produce a lift station assessment report to evaluate the condition of Reno's lift stations. BC published the report in February 2020. As part of the evaluation, BC provided a prioritized list of recommended improvements. BC assigned a rehabilitation priority score of 1 (highest) to 5 (lowest) to all lift stations.

The Sky Vista Lift Station is near the intersection of Lear Boulevard and Sage Point Court. The lift station assessment report assigned a score of 1 to the Sky Vista Lift Station, built in 1996, due to its lack of capacity, lack of emergency options, and undersized piping. A nearby development improvement project has already increased the lift station capacity.

The Corey Lift Station is near the intersection of Corey Drive and Rainna Court. The lift station assessment report assigned a score of 3 to the Corey Lift Station, constructed in 1960 and reconstructed in 2007, due to its outdated power service and underperforming equipment.

The BC report recommends both lift stations receive the necessary improvements detailed above.

Discussion:

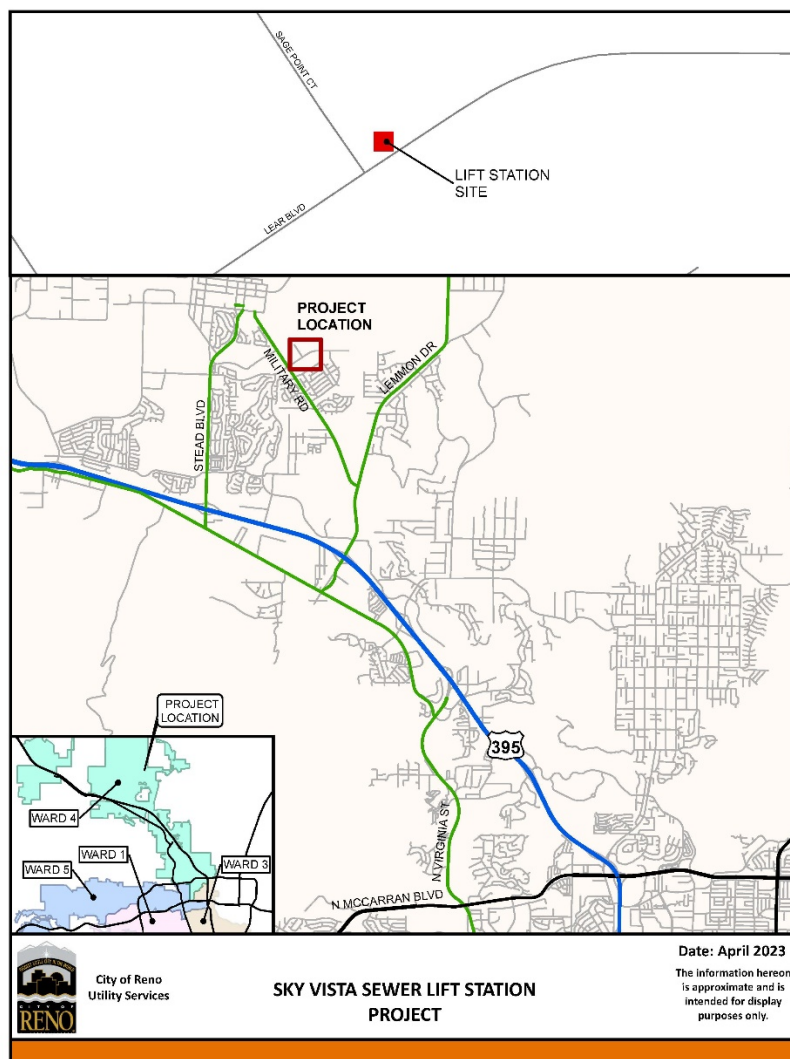
Construction inspection is crucial for underground utilities as it helps ensure the contractor builds the project per plan/specification. The construction services agreement will provide submittal review, inspection services, materials testing and special inspections, SCADA integration, and programming. Staff selected Shaw Engineering from Reno's 2024 to 2026 unranked qualified list for construction inspection.

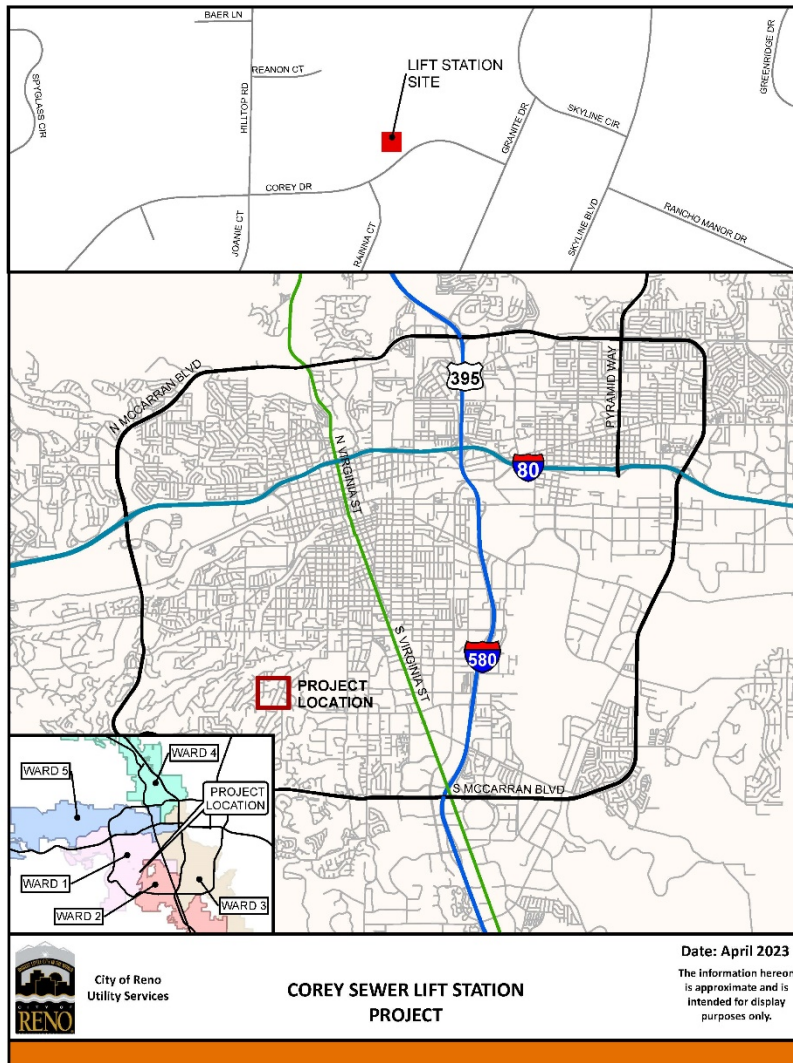
The improvements at the Sky Vista Lift Station include reconstructing an onsite manhole,

installing a new diesel engine pump for emergency operations, replacing piping and valves, upsizing and relocating the automatic transfer switch (ATS), and repairing cracks within the underground pump room for water infiltration.

The improvements at the Corey Lift Station include removing and installing a new flow meter, replacing the diesel backup generator, installing a new control cabinet with new variable frequency devices (VFDs), installing electrical conduits and a transformer for NVEnergy to upgrade the existing power service to meet current industry standards, and providing a new potable water service connection.

The lift station sites are shown in red on the location maps below:





Financial Implications:

The current fiscal year's Capital Improvement Program (CIP) includes this project and budget is available in the Sewer Fund.

Legal Implications:

The parties are bound by the terms of the agreement as prepared by the Office of the City Attorney.

Recommendation:

Staff recommends approval of the consultant agreement with Shaw Engineering in an amount not to exceed \$146,633 and authorize the Mayor to sign.

Proposed Motion:

I move to approve staff recommendation.

Attachments:

Agreement with Shaw Engineering