



City Council

Approval of a Bid Award for the Reservoir Seismic Retrofit Project

Agenda Date: 8/18/2020
Agenda Item Number: 4.B
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Type: contract **Version:** 1 **Status:** Passed

Title

Approval of a Bid Award for the Reservoir Seismic Retrofit Project

Recommended Action

Committee Recommendation:

Not referred to a committee.

City Manager Recommendation:

Move to award the construction contract to Rotschy Inc. for \$2,866,334.70 and authorize the City Manager to execute the contract.

Report

Issue:

Whether to approve staff's recommendation to award the construction contract for the Reservoir Seismic Retrofit Project to Rotschy Inc.

Staff Contact:

Tim Richardson, P.E., Project Manager, Public Works Engineering, 360.753.8749.

Presenter(s):

None - Consent Calendar item.

Background and Analysis:

This project will complete seismic retrofits and piping improvements in the existing 2.5-million gallon concrete Fir Street Reservoirs and the existing 2 million gallon prestressed concrete Elliott 298 Zone Reservoir. The retrofits include a geomembrane liner replacement in the Fir Street Reservoirs, modifications to the McCormick Valve House, and installation of a new Pressure Reducing Valve (PRV) Station.

The projects are identified in the City's Water System Plan. After the 2001 Nisqually Earthquake, the Fir Street and Elliott 298 reservoirs sustained some damage to the concrete columns and beams. The damage was repaired but did not bring the facilities up to seismic standards. A structural analysis was performed in 2001 and another was conducted in 2011. Both studies recommended major structural improvements. The current project has taken elements of both studies and the

structural engineer has proposed a few different modifications to meet the most current seismic codes for our area.

Construction will begin in September and end by May 1, 2021.

Neighborhood/Community Interests (if known):

The neighborhood will experience some inconvenience, including equipment noise during construction.

Neighbors will be notified prior to beginning construction work.

Options:

1. Award the construction contract to Rotschy Inc., for \$2,866,334.70 and authorize the City Manager to execute the contract.
The project proceeds as planned.
2. Reject all bids and direct staff to rebid the project. Delaying the project will impact the low interest loan from the Environmental Protection Agency. A delay could create higher costs and will require additional staff time.

Financial Impact:

The project is in the City's Capital Facilities Plan with funding by the Drinking Water Utility. The U.S. Environmental Protection Agency (EPA) provides financing through the Washington Drinking Water State Revolving Fund program. The low-interest loan allows for land acquisition, design, and construction. The loan repayment period is 20 years.

The low bid of \$2,866,334.70 is approximately 11.3% below the Engineer's estimate. The bid is by a responsive and qualified contractor. There are sufficient funds in the budget to complete this project.

Overall project costs:

| | |
|--|-----------------|
| Total Low Bid: | \$ 2,866,334.70 |
| Contingency to Award (10%): | \$ 286,335.00 |
| Engineering: Design, Inspection, Consultants | \$ 880,000.00 |
| Total Estimated Project Cost: | \$ 4,032,669.70 |
| | |
| Available Project Funding: | \$ 4,730,000.00 |

Attachments:

Vicinity Map
Summary of Bids