

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

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| AGENDA TITLE: | Authorize the City Manager to Execute a Construction Contract with Pacific Trenchless, Inc. in the Amount of \$2,926,866 for the Ridgecrest 5 Sanitary Sewer Rehabilitation Project |
| DEPARTMENT: | Public Works |
| PRESENTED BY: | Tricia Juhnke, City Engineer |
| ACTION: | <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Discussion <input type="checkbox"/> Public Hearing |

PROBLEM/ISSUE STATEMENT:

The City of Shoreline’s assumption of Ronald Wastewater District (RWD) was completed in 2021. This assumption resulted in City responsibility for capital improvement and maintenance projects that were previously constructed by RWD.

Prior to assumption, RWD initiated the Ridgecrest 5 Sanitary Sewer Rehabilitation Project. Since assumption the design was completed, and this is the first wastewater capital project to be bid and constructed by the City. The Ridgecrest 5 project will rehabilitate sanitary sewer mainline and side sewer pipe at 13 different sites, primarily in the Ridgecrest neighborhood, using pipe bursting and open-cut methods.

Between May 31 and June 21, 2022, the City solicited for contractors to construct the Ridgecrest 5 Sanitary Sewer Rehabilitation Project as Bid #10279. One bid was received. The engineer’s estimate for construction is \$2,889,860.

The bid from Pacific Trenchless, Inc. in the amount of \$2,926,865.65 was the low bid. City staff have determined that the bid from Pacific Trenchless, Inc. is responsive and meets the City’s requirements. Construction is anticipated to start in September 2022 with a total contract time of 200 working days. Staff is requesting that Council authorize the City Manager to execute a contract with Pacific Trenchless, Inc. for construction of the Ridgecrest 5 Sanitary Sewer Rehabilitation Project in the amount of \$2,926,865.65.

RESOURCE/FINANCIAL IMPACT:

This project is fully funded by City’s Wastewater Utility Capital fund, including amounts for construction management, City staff and direct expenses, and construction contingency. Below is a breakdown of the budget for the Ridgecrest 5 Sanitary Sewer Rehabilitation Project:

Project Expenditures:

Construction:

| | |
|-----------------------------------|---------------------|
| City Staff & Direct Expenses | \$ 15,000 |
| Construction Management | \$ 179,355 |
| 2022/2023 Construction | \$ 2,926,866 |
| Construction Contingency (10%) | \$ 293,000 |
| Construction Subtotal | \$ 3,414,221 |
| Total Project Expenditures | \$ 3,414,221 |

Project Revenue:

| | |
|--------------------------------|--------------------|
| <u>Wastewater Capital Fund</u> | <u>\$3,414,221</u> |
| Total Project Revenue | \$3,414,221 |

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute a construction contract with Pacific Trenchless, Inc., in the amount of \$2,926,866 for the Ridgecrest 5 Sanitary Sewer Rehabilitation Project.

Approved By: City Manager **DT** City Attorney **MK**

BACKGROUND

With the assumption of the Ronald Wastewater District (RWD), the City became responsible for all elements of the municipal utility similar to previously established responsibilities for surface water management. Long range planning for the sanitary sewer system is described in the Comprehensive Sewer Plan. A major Plan element is the ongoing inspection and analysis of system features such as mainline pipes and pumping stations. Rehabilitation and replacement of facilities in poor condition and/or at the end of useful life is driven by the inspection and monitoring task.

The Plan includes a multi-year capital improvement program that identifies projects along with their expected cost and year of design/construction. In addition to condition assessment, the sanitary sewer system is also analyzed for capacity to account for development-driven system growth. Both condition assessment and capacity driven projects are included in the Plan's capital improvement program.

DISCUSSION

The selected rehabilitation method for the project is pipe bursting, which replaces existing sewer mainline pipes without open-cut trenching. Pipe bursting is typically less expensive and less disruptive to the traveling public than open-cut methods. Construction will occur at 13 lengths of mainline sanitary sewer located mainly in the Ridgecrest neighborhood

Because many side sewers in the project area are nearing 60 years in age and in poor condition, they contribute to unwanted ground water flows into the sanitary sewer (infiltration and inflow, known as I&I), which increases operation and treatment costs. The City will replace side sewers at no cost for willing property owners in conjunction with the mainline pipe rehabilitation. The rationale and legal framework for replacing private property side sewers in conjunction with sanitary sewer rehabilitation and replacement projects is contained in the Wastewater Utility's side sewer replacement policy.

Project Bid Process – Bid #10279

Between May 31 and June 21, 2022, the City solicited for contractors to construct the Ridgecrest 5 Sanitary Sewer Rehabilitation Project under Bid #10279 as noted above. Bids were opened on June 21, 2022, and one bid was received. Pacific Trenchless, Inc.'s bid was \$2,926,865.65.

City staff determined that the bid from Pacific Trenchless, Inc. is responsive and has met the requirements of the bid. This was verified by:

- Evaluation of the bid through the creation of bid tabulations, and
- Verification that the contractor is properly licensed in Washington and has not been barred from contracting on federal- and state-funded projects.

The engineer's estimate for the construction is \$2,889,860. Construction is anticipated to start in September 2022 with a total contract time of 200 working days.

STAKEHOLDER OUTREACH

On September 29, 2021, letters were sent to residents whose sewer services connect to the sewer mains to be replaced with the Ridgecrest 5 Sanitary Sewer Rehabilitation project. The letters informed residents of the project and its goals and that they had the opportunity to have their sewer service line replaced as part of the project at no cost to them.

On May 31, 2022, another round of letters was sent to the residents. These letters informed those that had returned their signed and notarized TCEs of the construction schedule and included a reminder of important project information. These letters informed those that had not returned their TCE of the construction schedule and that they still had the opportunity to have their sewer service line.

Over 60 current wastewater customers will be affected by the project. As of May 31, 2022, 23 customers responded with their desire to have their sewer service line replaced as part of the project by returning signed TCE's and 34 customers had not responded. Staff will be sending out another round of letters for those customers who have not responded, this round of letters will be posted after the preconstruction meeting to update the residents and provide a more recent construction schedule.

COUNCIL GOAL(S) ADDRESSED

This project addresses Council Goal #2:

Continue to deliver highly valued public services through management of the City's infrastructure and stewardship of the natural environment.

This project will meet this goal by repairing and replacing failing sanitary sewer pipes.

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