



## Staff Report

July 3, 2023 Council Workshop Meeting

Northshore and Crown Road Water Transmission Mains PSA

Presenter: James Carothers, Engineering Manager

Time Estimate: Five minutes

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**BACKGROUND:** The 2019 Water System Plan has identified needed water transmission pipeline improvements within the 542-Pressure zone. This project will complete the waterline loop around Lacamas Lake on NE 232<sup>nd</sup> Avenue and NE 28<sup>th</sup> Street. Additionally, this project will extend the existing transmission main on Crown Road from Woodburn Drive to NE 43<sup>rd</sup> Avenue west of Camas High School. These projects will provide redundancy and flexibility in system operation.

In January staff released a Request for Qualifications (RFQ) for professional engineering services for preliminary engineering and Plans, Specifications, and Engineering Estimate (PS&E) package for construction advertisement. Staff reviewed a total of three RFQ proposals and selected Gray and Osborne, Inc. based on overall qualifications.

**SUMMARY:** Staff has negotiated with Gray and Osborne Inc. this proposal amounting to \$313,370. The scope of work includes hydraulic modeling to determine the most cost-effective pipe sizing and alignment, design project management, utility coordination items, geotechnical investigation and report, permitting, and bid ready PS&E package for construction advertisement.

**BENEFITS TO THE COMMUNITY:** This project will increase system reliability to users during peak water events while reducing strain on system operation through increased capacity and redundancy.

**POTENTIAL CHALLENGES:** The majority of project construction activities will be outside of the City limits. Coordination and permits from Clark County will be required.

**BUDGET IMPACT:** The 2023 budget includes \$100,000 in System Development Charges for this project. The biennial budget includes \$2,000,000 in 2024. Staff will address the 2023 budget shortfall in an upcoming omnibus.

**RECOMMENDATION:** Staff recommends this item be placed on the July 17, 2023 Council Consent Agenda for Council's consideration.