



# STAFF REPORT

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**Meeting Type:** City Council  
**Meeting Date:** October 7, 2024  
**From:** Jennifer Coker, Public Works Director  
**Subject:** Contract Approval: Engineering Services for Alder Creek Water Treatment Plant Upgrades

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## **DECISION TO BE MADE:**

Whether to authorize the City Manager to execute contracts for Engineering Design Services for the Alder Creek Water Treatment Plant.

## **BACKGROUND / CONTEXT:**

As part of the Water System Master Plan Update, which was approved by the Oregon Health Authority (OHA) and adopted by the City in November 2022, the City selected Stantec as the Program Manager for its Sandy Drinking Water Reinvestment Program (SDWRP) in the spring of 2023. After consulting with the City, it was determined that stabilizing the Alder Creek Water Treatment Plant (WTP) was an immediate and critical need to ensure reliability. To stabilize the plant's production reliability, necessary upgrades include upgrading the Raw Water Pump Station and constructing new building infrastructure containing new membrane filtration equipment, support facilities, and a new Finished Water Pump Station.

These upgrades to the Alder Creek WTP are occurring concurrently with the Portland to Sandy Water Filtration Plant Transmission System project, which will provide a secure connection to the Bull Run Supply at the Bull Run Filtration Facility. The connection to the Bull Run Filtration Facility and the upgrades to the Alder Creek WTP will provide the City with two reliable sources to secure supply for the near-term future (year 2040) expected treated water demand.

## **KEY CONSIDERATIONS / ANALYSIS:**

Two engineering firms, Keller and Black & Veatch, responded to a request for proposals for engineering services for the treatment plant upgrades. Proposals were evaluated and ranked by City staff and the program management team. It was determined that Keller Associates was the highest-ranked firm. Keller has a recent history of completing urgent repairs on the Sandercock Reservoir and is currently working on the Effluent Pump Station and W3 Improvements project as part of the Sandy Clean Waters Program (SCWP), contracted on February 9, 2024.

**BUDGET IMPACT:**

The Sandy Drinking Water Reinvestment Program Alder Creek WTP Upgrades project is identified in the water capital appropriations for the BN23\_25 budget and is financed from two funding sources; \$9.5 Million from the Special Public Works Fund and approximately \$6 Million from the Safe Drinking Water Revolving Loan Fund. Repayment will be made from water rate revenues and is included in the water rate model.

This contract is limited to a total maximum fee of \$1,911,200.

**RECOMMENDATION:**

Authorize the City Manager to execute the proposed contract with Keller Associates for engineering services. The not to exceed amount listed in the contract is \$1,911,200.

**SUGGESTED MOTION LANGUAGE:**

"I move to authorize the City Manager to execute a contract with Keller Associates for Engineering Services for Alder Creek Water Treatment Plant upgrades, as provided in the meeting packet."

**LIST OF ATTACHMENTS / EXHIBITS:**

- Contract Keller Associates
- Proposal from Keller Associates
- Notice of Intent to Award – Keller Associates