



City of Tualatin

CITY OF TUALATIN Staff Report

TO: Honorable Mayor and Members of the City Council

THROUGH: Sherilyn Lombos, City Manager

FROM: Mark Schlagel, P.E., Engineering Associate
Heidi Springer, P.E., City Engineer

DATE: 10/25/2021

SUBJECT:

Consideration of **Resolution No. 5575-21** Awarding a Contract for Engineering Services for the B-Level Water Main Upsize – Ibach to Norwood Reservoirs Project; and Authorizing an Appropriation Transfer in the Water Development Fund for the FY 2021-2022 Budget

RECOMMENDATION:

Staff recommends that the City Council authorize the City Manager to enter into a contract with AKS Engineering & Forestry, LLC for engineering services to 1) determine the preferred alignment; and 2) design approximately 5,700 feet of 18-inch diameter water main to replace an undersized and aging 12-inch diameter cast iron water main in SW Boones Ferry Road and SW Norwood Road.

EXECUTIVE SUMMARY:

Why is this water line project necessary?

Peak summer water demand in the B Level pressure zone has grown to the limit of the existing 12-inch diameter water main's capacity. This deficiency will increase with continued dry summers and additional development in the Basalt Creek area. The updated draft Water Master Plan identifies this capacity deficiency as a high priority capital project that needs to be completed within the next five years. This project will address existing capacity deficiencies, provide additional capacity for development in the Basalt Creek expansion area, and replace an aging line with a more seismically resilient line.

Where is the water main project located?

The existing water main runs down the SW Boones Ferry Road (BFR) right of way (ROW). This project is to replace the line from SW Ibach Street to the driveway access on Norwood Road that serves the two B-Level water storage reservoirs (see Attachment B).

What are the next steps?

A Request for Proposals (RFP) for Engineering Services for the water main design was published in the [Daily Journal of Commerce](#) on August 18th, 2021. Five proposals were submitted in response to the RFP. Staff reviewed the proposals for responsiveness to the selection criteria contained in the RFP and determined AKS Engineering & Forestry, LLC (AKS) to be the most qualified.

Staff will negotiate final scope and fee through two separate primary tasks. Under the first task, AKS will perform alternatives analysis to identify the best route for the new water main. After selecting the preferred routing, AKS and City staff will negotiate a scope and fee for the full design and construction support through project completion.

What is the proposed project schedule?

The project will begin in the fall of 2021, design and permit work will continue through the spring of 2022. Construction is tentatively scheduled to begin in fall of 2022 with projected completion in fall 2023.

FINANCIAL IMPLICATIONS:

This project is funded by the Water Development and Water Operating Funds. The proposed contract is currently estimated not to exceed \$450,000. There are sufficient funds appropriated to complete the design phase of this project. A resolution transfer in the Water Development Fund is needed to transfer \$162,000 of contingency appropriations to the Transfers appropriation to accommodate the transfer of the SDC eligible portion of the project to the Water Operating Fund. The contingency transfer is authorized under ORS 294.463 and is included on the attached resolution.

ATTACHMENTS:

- A. Resolution No. 5575-21
- B. Vicinity Map