



STAFF REPORT

Meeting Type: City Council
Meeting Date: December 16, 2024
From: AJ Thorne, Assistant Public Works Director
Subject: Contract Approval: Pump and Pump Cans for Bull Run Supply Pump Station

DECISION TO BE MADE:

Whether to authorize the City Manager to execute a procurement contract for the purchase of Pump and Pump Cans for the Bull Run Supply Pump Station as part of the Portland to Sandy Filtration Plant Transmission System project.

BACKGROUND / CONTEXT:

The Portland Water Bureau (PWB) provides drinking water to several service areas within Multnomah, Washington, and Clackamas counties in Oregon, with the City of Sandy (City) being one of the areas served in Clackamas County. In 2019, the PWB identified the need for a new filtration plant, the Bull Run Filtration Facility (BRFF), to remove potential contaminants, including the microorganism *Cryptosporidium*. The new filtration plant requires the City to stabilize its drinking water supply through a new connection to the Bull Run Supply at the proposed BRFF. This includes the construction of a new pump station and transmission pipeline to convey filtered water from the BRFF to the existing Hudson Road Transmission Main

As part of the effort to stabilize the City's drinking water supply from the Bull Run Supply, the City will need to construct a pump station which will have the capacity to provide 5 million gallons per day (MGD) of finished water. The pump station will include a dechloramination/disinfection system, and approximately 5,500 feet of 16-inch, Class 52 ductile iron transmission pipeline to provide a connection between PWB's BRFF and the City's Revenue Reservoir.

As construction progresses on-site by PWB's contractor, Kiewit, underground work in the vicinity of Sandy's proposed pump station is scheduled to begin in the Spring of 2025. It is in the City's best interest to complete certain tasks while PWB is already performing work on-site, including the installation of pumps and pump cans, to avoid additional, deep re-excavation which will add cost to Sandy's project. This will require procuring two vertical turbine pumps with motors and four vertical turbine pump cans. The pump cans can then be installed while PWB's contractors have open excavations on the site.

KEY CONSIDERATIONS / ANALYSIS:

One firm responded to the request for technical and commercial proposals. The proposal was reviewed by the Engineer of Record (Conсор) to confirm technical requirements as well as proposal submittal requirements were met. The bid received was reasonably in line with the engineer’s estimate for the procurement cost. The critical timing for delivery of these materials combined with the reasonable pricing does not require this project to be re-bid.

\$410,362 includes the cost items for furnishing and delivering two vertical turbine pumps and four vertical turbine pump cans, as well as provide pump startup services; cost breakdown detailed in **Table 1**.

Table 1: Triangle Pump Contract Summary

| Item | Quantity | Unit | Unit Costs | Total Cost |
|--|----------|----------|--------------|---------------------|
| Furnish and deliver vertical turbine pumps | 2 | Lump Sum | \$159,566.00 | \$319,132.00 |
| Furnish and deliver vertical turbine pump cans | 4 | Lump Sum | \$22,120.00 | \$88,480.00 |
| Provide pump startup services | 2 | Lump Sum | \$2,750.00 | \$2,750.00 |
| | | | Total | \$410,362.00 |

The selected vendor, Triangle Pump has reviewed and approved the procurement contract. Legal counsel for the City of Sandy have reviewed and approved the invitation to bid prior to issuance, the selection and notification of intent to award, and the final procurement agreement.

BUDGET IMPACT:

Funds for the pump and pump can procurement are identified in the water capital appropriations for the FY23_25 budget and will be financed from the City’s Water Fund account.

RECOMMENDATION:

Authorize the City Manager to execute contracts with Triangle Pump & Equipment, Inc. for a maximum total fee of \$410,362.00.

SUGGESTED MOTION LANGUAGE:

“I move to authorize the City Manager to execute a contract with Triangle Pump & Equipment, Inc. for Pump and Pump Can procurement as part of the Portland to Sandy Water Filtration System project, as provided in the meeting packet.”

LIST OF ATTACHMENTS / EXHIBITS:

- Triangle Pump & Equipment, Inc. Contract
- Plans and Specifications