



Gregory L. Geist
Director

Board of County Commissioners
Clackamas County

Members of the Board:

Approval of Contract between Water Environment Services and West Consultants, Inc., for the
Stream Flow and Precipitation Monitoring Project

Purpose/Outcome	Provide flow monitoring services to support the Watershed Protection (Surface Water) Program.
Dollar Amount and Fiscal Impact	Total Contract Value of \$812,220.00 until December 31, 2026.
Funding Source	40% - 639-01-431350-42100/ 60%- 641-01-431350-42100
Duration	Contract until December 31, 2026
Previous Board Action/Review	
Strategic Plan Alignment	<ol style="list-style-type: none"> 1. Supports the District's strategic plan that residents of the service district will benefit from properly functioning infrastructure that supports healthy streams and reduces flooding. 2. Supports the County's goal of ensuring safe, healthy and secure communities.
Counsel Review	AK 2/4/2021
Procurement Review	Was this project processed through Procurement? Yes.
Contact Person	Ron Wierenga, WES Surface Water Program Manager, 503-742-4581
Contract No.	3673

BACKGROUND: WES has monitored continuous open-channel surface flow throughout the District for over fifteen years. The data is used in water quality studies and hydrologic modeling in support of regulatory requirements and watershed health assessments. WES has monitored precipitation at eight gauges located throughout the service area for nearly 40 years. The precipitation data is critical in helping understand WES's operational impacts in stormwater management and sanitary sewer flow data. Changes in technology, needs and uses for the data, and the growth of WES's service area have created the need to upgrade the precipitation gauge network.

In 2017, WES installed the Opti continuous monitoring and adaptive control (CMAC) system in 3 detention ponds. Opti is a smart technology that uses the National Weather Service (NWS) rainfall prediction to estimate the amount of rainfall and response accordingly. The Opti system adjusts the orifice in the ponds to handle a certain amount of rainfall and store it rather than letting it drain straight through.

Under this five (5) year contract, the Consultant will continue the flow monitoring operation and maintenance, implement the upgrades to the precipitation monitoring, and complete the on-going operation and maintenance of the Opti system.

PROCUREMENT PROCESS: This project was advertised in accordance with ORS and LCRB Rules on October 28, 2020. Proposals were opened on December 1, 2020. The District received two (2) proposals: West Consultants, Inc. and Delta Operations. The Evaluation Committee selected West Consultants, Inc. as the highest ranking proposer recommended a contract be awarded.

RECOMMENDATION:

Staff recommends that the Board of County Commissioners of Clackamas County, acting as the governing body of Water Environment Services, approve and execute the Contract between Water Environment Services and West Consultants, Inc., for the stream flow and precipitation monitoring Project.

Respectfully submitted,

Greg Geist
Director, WES

Placed on the _____ Agenda by the Procurement Division.