

EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve a Joint Funding Agreement (JFA) with the **U.S. Department of Interior, U.S. Geological Survey (USGS)** to provide **Monitoring and Consulting Services for Source Water Protection**.

Board Meeting Date: April 5, 2022
Project Name/Contract #: Monitoring and Analytical Services-Source Water Protection / 22-043-IGA
Primary Contact: Karen Kelley Ext. 7153

Contract Amount:

Original Contract Amount: \$294,000
Additional \$ Previously Approved: \$0
Invoices over last approval: \$0
Amount this Request: \$294,000
Percentage over last approval: NA
Resulting Cumulative Total: **\$294,000**

Contracting Method:

Method of Solicitation: Direct Negotiation
If applicable, basis for exemption: Intergovernmental Agreement
Term of Agreement: January 1, 2022 - December 31, 2022
Option to Renew? No
Approval for purchases "*as needed*"
for the life of the Contract: Yes ☐ No ☒
Proposals/Bids Received (Range): NA
Selection Basis: Direct Negotiation – Intergovernmental Agreement
Narrative:

Operational Requirement and Alignment with Strategic Plan

The Eugene Water & Electric Board (EWEB) supplies drinking water to approximately 200,000 people with the McKenzie River as the primary source. For nearly two decades, the U.S. Geological Survey Oregon Water Science Center (USGS ORWSC) has partnered with EWEB on a variety of water-quality and streamflow monitoring, data collection, and interpretive studies in support of EWEB's Source Water Protection Program. These have included special studies on the sources of organic carbon, disinfection by-products, pesticides, cyanotoxins, and an expansion of water-quality monitoring after the catastrophic Holiday Farm wildfire in September 2020, which burned about 173,000 acres in the McKenzie River Basin upstream of the EWEB intake. In response to the fire and at the request of EWEB, additional monitoring stations were rapidly deployed to provide early warnings about changes in upstream water quality that could impact operations downstream at the Hayden Bridge drinking water treatment plant. Additional support will continue into the foreseeable future, extending into the summer harmful algal bloom (HAB) season. HABs can present significant challenges if the river becomes enriched with nutrients due to impacts from the fires.

Contracted Goods or Services

Contracted services for 2022 include the following:

1. Provide timely and relevant data and information, including continuous, real-time streamflow and water-quality data, to assist EWEB's monitoring of water quality within their Source Water Protection Area, and,
2. Work with EWEB to rapidly identify the occurrence of benthic or planktonic algal blooms and other water quality issues that may degrade raw water quality.

As noted above, the term of this agreement is stated as January 1, 2022, but USGS did not deliver the agreement to EWEB until March 2, 2022. Staff have negotiated the scope of work and the cost sharing for this Joint Funding Agreement with USGS, which represents an annual renewal of similar work from year to year. Currently, the cost share is 60% EWEB and 40% USGS. For 2022, EWEB's share is \$293,670 and USGS's share is \$195,780. Cost increases from 2019/2020 to 2021/2022 reflect additional streamflow and water quality stations that were installed to monitor impacts from the Holiday Farm Fire.

Purchasing Process

Direct negotiated Intergovernmental Agreement

Competitive Fair Price (If less than 3 responses received)

The existing system is joint owned and operated by USGS and EWEB. The analysis support and monitoring are consistent with prior years pricing with a small increase to reflect increased labor rates.

Prior Contract Activities

EWEB Contract	Project Name (Description)	Board Approval Date	Project Duration (Notice to proceed to close out).	Original Contract Amount	Final Contract Amount
21-004-IGA	Monitoring and Analytical Services for Source Water Protection	2/2/2021	1/1/2021-12/31/2021	\$256,000	\$256,000
20-056-IGA	Monitoring and Analytical Services for Source Water Protection	3/2/2020	1/1/2020-12/31/2020	\$175,000	\$175,000
19-186-IGA	Monitoring and Analytical Services for Source Water Protection	3/5/2019	1/1/2019-12/31/2019	\$161,500	\$161,500

ACTION REQUESTED:

Management requests the Board approve the Joint Funding Agreement (JFA) with U.S. Department of the Interior, U.S. Geological Survey for water quality monitoring and analytical services for source water protection. Approximately \$170,000 was planned for these goods or services in the Water Quality & Source Protection Department Operation & Maintenance budget of \$1.6 million for 2022. \$110,000 will be paid from the Watershed Restoration budget of \$4,279,000 and the remaining \$14,000 will be paid from Generation's O&M budget. Variances will be managed within the budget process and Board policy