

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: January 3, 2023
Project Name/Contract #: Monitoring and Analytical Services-Source Water Protection / 22-225-IGA
Manager: Mike Masters Ext. 7549
Executive Officer: Karen Kelley Ext. 7153

Contract Amount:

Original Contract Amount: \$1,620,000
Additional \$ Previously Approved: \$0
Spend over last approval: \$0
Amount this Request: \$1,620,000
% Increase over last approval: NA
Resulting Cumulative Total: **\$1,620,000**

Contracting Method:

Method of Solicitation: Direct Negotiation
If applicable, basis for exemption: Intergovernmental Agreement
Term of Agreement: January 1, 2023 – December 31, 2027
Option to Renew? No
Approval for purchases “as needed”: 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 notifications about changing upstream water quality conditions that could impact operations downstream at the Hayden Bridge drinking water treatment plant. The current 5-year request continues our important partnership with the USGS and maintains our existing network of real-time monitoring stations strategically located throughout the McKenzie Watershed. The only significant addition within this request over the next 5 years is a new water quality monitoring station to be installed in Quartz Creek during the first quarter of 2023. The Quartz Creek

monitoring station will provide useful information on restoration efforts within the Holiday Farm Fire footprint. Additional support, particularly around the summer harmful algal bloom (HAB) season and U.S. Army Corps of Engineers reservoir operations, is expected to continue into the foreseeable future. HABs can present significant challenges if the river becomes enriched with nutrients due to fire impacts.

Contracted Goods or Services

Contracted services for 2023-2027 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.

Currently, the cost share is 60% EWEB and 40% USGS. For 2023, EWEB’s share is \$324,051 and USGS’s share is \$216,034. 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.

Section	5yr total	2023 Only
Source Protection	\$894,010	\$176,331
Restoration	\$650,013	\$133,380
Generation	\$75,376	\$14,340
Total:	\$1,619,399	\$324,051

Purchasing Process

Direct negotiated Intergovernmental Agreement

Competitive Fair Price (If less than 3 responses received)

The existing monitoring 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 Approved Date	Project Duration (Start to Close)	Original Amount	Final Amount	Reason Code
22-043-IGA	Monitoring and Analytical Services for Source Water Protection	04/05/2022	1/1/2022-12/31/2022	\$294,000	\$294,000	
21-004-IGA	Monitoring and Analytical Services for Source Water Protection	02/02/2021	1/1/2021-12/31/2021	\$256,000	\$256,000	
20-056-IGA	Monitoring and Analytical Services for Source Water Protection	03/02/2020	1/1/2020-12/31/2020	\$175,000	\$175,000	

Reason Code: AM = Additional Materials, AW = Additional Work, EW= Emergency Work, SD = Staff Directed, UC = Unforeseen Conditions, Other

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 \$894,010 is planned for these goods or services over 5-years from the Water Quality and Source Protection budget, which is \$1.25 million for 2023. Approximately \$650,013 will be paid over 5-years from the Watershed Restoration budget, which is \$10.3 million for 2023. The remaining \$75,376 will be paid over 5-years from Generation's O&M budget. Variances will be managed within the budget process and Board policy.