

EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve an Intergovernmental Agreement (IGA) 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: March 3, 2020

Project Name/Contract#: Monitoring and Analytical Services for Source Water Protection / 20-056-IGA

Primary Contact: Karen Kelley Ext. 7153

Contract Amount:

Original Contract Amount: \$175,000

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0

Percentage over last approval: 0%

Amount this Request: \$175,000

Resulting Cumulative Total: \$175,000

Contracting Method:

Method of Solicitation: Direct Negotiation

If applicable, basis for exemption: Exemption – Intergovernmental Agreement

Term of Agreement: March 1, 2020 to February 28, 2021

Option to Renew? No

Approval for purchases “as needed” for the life of the contract No

Proposals/Bids Received (Range): N/A, Direct Negotiation

Selection Basis: Direct Negotiation-Intergovernmental Agreement

Narrative:

Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve an intergovernmental agreement (IGA), or in this case Joint Funding Agreement (JFA), with U.S. Department of Interior, U.S. Geological Survey (USGS) to provide water quality monitoring and analysis services for Source Water Protection.

EWEB has contracted with the USGS Oregon Water Science Center since 2002 for planning, contaminant monitoring, scientific support and collaboration, collection of streamflow data, and a variety of other water quality investigative work conducted in the McKenzie Watershed on behalf of Source Water Protection. The 2020 work will include continuing real-time water quality monitoring capabilities at South Fork McKenzie below Cougar Reservoir, Blue River below Blue River reservoir, and at Vida (installed in 2019) that can detect presence of potential harmful algal blooms (HAB) that could produce cyanotoxins. A fourth real-time water quality monitoring station will be installed at the Camp Creek gage in 2020. This network of real-time water quality stations will be maintained, calibrated and available via the USGS web portal as an early warning system for Hayden Bridge and Source Protection staff to identify changing conditions that may impact water quality. This water quality network is part of a larger effort with the Army Corps of Engineers (ACOE) and City of Salem that are funding installation of real-time vertical profiling water quality buoy systems in Cougar Reservoir and Detroit Lake that can detect “zones” of potential HAB activity in these reservoirs.

Contracted Goods or Services

Contracted services for 2020 include the following:

- Continue operation of four streamflow gaging stations at Hayden Bridge, Vida, Cedar Creek, and Camp

Creek to better understand flow conditions for monitoring and to support Hayden Bridge and Generation operations decisions.

- Maintenance, calibration and operation of water quality monitoring stations at South Fork McKenzie, Blue River, and the McKenzie River at Vida gages to assess trends and seasonal water quality variability below large reservoir outfalls and private forestry operations.
- Installation and operation of a fourth water quality monitoring station at Camp Creek to assess trends and seasonal water quality variability from Camp Creek as a lower watershed tributary with water quality impacts.
- Provide approximately 120 hours of scientific analysis support focused on HAB events to better understand the spatial and temporal occurrence of potential toxin-producing cyanobacteria (blue-green algae) in drinking water source areas.

Staff have negotiated the scope of work and the cost sharing for this Joint Funding Agreement with USGS. Currently, the cost share is 53% EWEB and 47% USGS. For 2020, EWEB's share is \$175,000 and USGS's share is \$154,880.

Prior Contract Activities

2019	\$165,500
2018	\$ 68,500
2017	\$119,500
2016	\$ 93,500
2015	\$ 51,500
2014	\$144,000

Purchasing Process – Intergovernmental Agreement

Bidder/Proposer Information – Not applicable

Competitive Fair Price – The existing system is joint owned and operated by USGS and EWEB. The addition of the Camp Creek unit pricing is aligned with prior costs for new installation. The analysis support and monitoring is consistent with prior years pricing with a small increase to reflect increased labor rates.

ACTION REQUESTED:

Management requests the Board approve a 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 budget of \$1.6 million. Variances will be managed within the budget process and Board policy.