

## 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 5, 2019

Project Name/Contract#: Monitoring and Consulting Services for Source Water Protection

Primary Contact: Mel Damewood Ext. 7145

### Contract Amount:

Original Contract Amount: \$68,389 (2018)

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0

Percentage over last approval: 0%

Amount this Request: \$161,500 (2019)

**Resulting Cumulative Total:** \$229,889

### Contracting Method:

Method of Solicitation: Direct Negotiation

If applicable, basis for exemption: Exemption – Intergovernmental Agreement

Term of Agreement: March 1, 2019 to December 31, 2019

Option to Renew? No

Approval for purchases "as needed" for the life of the contract Yes  No

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

Selection Basis: Direct Negotiation-Intergovernmental Agreement

### Narrative:

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 2019 work will include adding real-time water quality monitoring capabilities at South Fork McKenzie below Cougar Reservoir, Blue River below Blue River reservoir, and at Vida that can detect presence of potential harmful algal blooms that could produce cyanotoxins. This network will be installed prior to start of bloom season and provide an early warning system for Hayden Bridge and Source Protection. 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 harmful algal bloom activity in these reservoirs.

Contracted services for 2019 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.
- Development and operation of water quality monitoring stations at South Fork McKenzie, Blue River, and the McKenzie River @ Vida gages to assess trends and seasonal water quality variability below large reservoir outfalls and private forestry operations.

- Maintain scientific support and collaboration for multiple smaller projects (e.g., time-of-travel modeling, emerging contaminants, pesticide and other water quality data analysis).
- Participate in a joint harmful algal bloom (HAB) study with the USGS and other Willamette Valley drinking water providers 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 60% EWEB and 40% USGS. For 2019, EWEB's share is \$161,500 and USGS's share is \$107,750. To further reduce EWEB's portion of these costs, EWEB has entered into an Intergovernmental Agreement with Springfield Utility Board to reimburse EWEB's costs to run the Cedar Creek gaging station, currently \$12,810 per year. Starting in 2020, EWEB will develop a 5-year purchase order for Board approval after the one-time construction costs associated with installing water quality sondes at South Fork and Blue River gaging stations are completed and longer term O & M costs are more predictable.

**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.

**SIGNATURES:**

Project Coordinator: \_\_\_\_\_

Manager: \_\_\_\_\_

Purchasing Manager: \_\_\_\_\_

Board Approval Date: \_\_\_\_\_