

Our Future Water Supply

The Willamette Water Supply System Commission (WWSS Commission) is an Oregon intergovernmental entity formed by Tualatin Valley Water District (TVWD), the City of Hillsboro, and the City of Beaverton. The WWSS Commission was formed to build the Willamette Water Supply System (WWSS) in response to planned growth in their service areas. TVWD has been designated the Managing Agency for the WWSS Commission, and TVWD operates the Willamette Water Supply Program (WWSP) to plan, design, and construct the WWSS. The WWSS will provide an additional resilient water supply for Washington County. When complete, the WWSS will be one of Oregon's most seismically-resilient water systems—built to better withstand natural disasters, protect public health, and speed regional economic recovery through restoring critical services more quickly. The new system will be completed by 2026.



Willamette Water Supply

Our Reliable Water

SEMI-ANNUAL, Q1/Q2 2020

BUSINESS UTILIZATION REPORT

Local Pipeline Contractor Involvement Remains Strong

Local pipeline contractors remain active performing work on the Willamette Water Supply System (WWSS). As local contractor Emery & Sons Construction Group installed the final piece of pipe on the Scholls Area Pipeline (PLM_5.2) project, the first piece of pipe on the South Hillsboro Pipeline (PLW_1.3) project was nearly ready for installation for local contractor Tapani Inc.

"It's great to see local contractors providing the back-bone for the WWSS," said Dave Kraska, WWSS Program Director. "There is still a great deal of work to be done, and we look forward to the local construction industry continuing to play an important role in completing the new water system by mid-2026."

To date, local contractors Emery & Sons, James W. Fowler Co., Kerr Contractors Oregon Inc., Moore Excavation Inc., and Tapani, Inc. have installed 7 miles of WWSS pipeline. The WWSS [pre-qualified 11 prime contractors](#) to bid or propose on water transmission pipeline construction. WWSS pipeline construction is divided into several smaller projects, each with various business opportunities. Businesses interested in providing goods and services should contact the pre-qualified prime contractors.



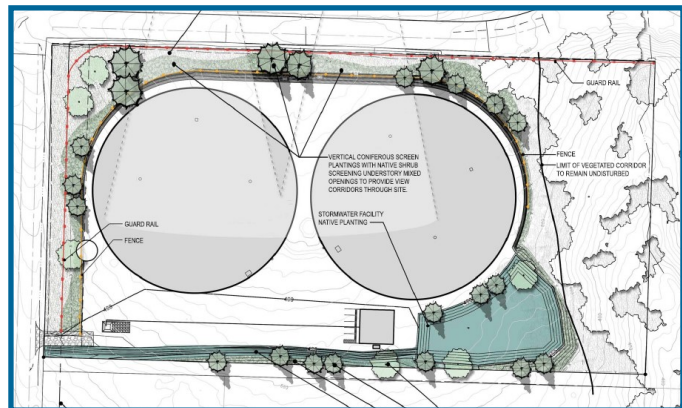
WWSS Water Storage Tanks Delivery through CM/GC

The WWSS is utilizing a Construction Manager/General Contractor (CM/GC) contracting approach to deliver the South Beaverton Area Water Storage Tanks (RES_1.0) project in conjunction with the Scholls Area Pipeline (PLM_5.3) project. This approach allows the WWSS to streamline construction activities in the Cooper Mountain area, efficiently coordinate among specialty contractors, meet site constraints, manage rock removal, and better maintain schedule constraints.

The selected CM/GC contractor will divide work into several bidding opportunities for qualified businesses to submit competitive bids or proposals. The bidding results will be used to prepare a guaranteed maximum price (GMP) for the project. Under this approach, the selected CM/GC will manage overall procurement and construction with oversight from the Willamette Water Supply Program staff. The CM/GC will also be required to competitively bid any work it intends to self-perform.

The RES_1.0/PLM_5.3 CM/GC project consists of:

- Two 15 million-gallon circular pre-stressed concrete water storage tanks
- Four vaults for 66-inch diameter finished water pipelines and appurtenances
- Site grading/rock excavation
- Soil nail and rock bolt reinforcement
- Storm water retention, treatment, and conveyance
- Site access roadways
- Approximately 21,000 feet of 66-inch diameter welded steel pipeline (PLM_5.3)



RES_1.0 layout from preliminary design

CM/GC Contracting

The CM/GC delivery approach is increasing in popularity in public sector procurements regulated by the State of Oregon Construction Contractors Board and is becoming common for large, complex public works contracts. Among the benefits of CM/GC delivery are value management and construction innovation through early construction contractor involvement during design. This provides the project owner more control over cost, schedule, and quality.

The Water Storage Tanks project is the third WWSS project to use the CM/GC approach, joining the Water Treatment Plant (WTP_1.0) and Raw Water Facilities (RWF_1.0) projects. Willamette Water Supply Program staff will manage any procurement process in which the CM/GC is submitting a bid to self-perform the work.

Upcoming Events

Due to ongoing COVID-19 restrictions, many of our business opportunity events have been switched to online formats. Visit <http://www.ourreliablewater.org/contracting-opportunities/> to keep track of upcoming opportunities.

Worksystems Inc. Partners with WWSS



A well-trained and reliable local workforce is important to the success and on-budget completion of the WWSP. Although the WWSS is not a direct employer of construction-related workers, the team depends upon contractors hiring a skilled workforce. To that end, the WWSS has partnered with [Worksystems Inc. \(WSI\)](#).

Funded in part through the US Department of Labor, Worksystems, Inc. is a 501(c)3 non-profit organization that pursues and invests resources to improve the quality of the workforce in the City of Portland and Multnomah and Washington counties. The organization develops policy and designs workforce development programs and services to help people get the skills, training, and education they need to go to work or to advance in their careers.

The WWSS' goal in this partnership is to assist our contractors with the connections and resources to attract and retain the skilled labor needed to complete the build-out of the new water supply system.

Upcoming Procurement Schedule

The following is a list of ongoing and anticipated 2020-2022 procurement opportunities:

- South Beaverton Area Water Storage Tanks (RES_1.0)/Scholls Area Pipeline (PLM_5.3) CM/GC Request for Proposal (RFP) **(Quarter 3, 2020)**
- Tualatin-Sherwood Area Pipeline (PLM_4.1) Construction Invitation to Bid (ITB) by Washington County **(Quarter 4, 2020)**
- Metzger Pipeline East (MPE_1.1) Construction ITB by City of Beaverton **(Quarter 4, 2020)**

Interested in Doing Business with the WWSP?

Businesses can get involved by:

- 1) Submitting a response to an advertised Request for Proposal (RFP) or Invitation to Bid (ITB) as a qualified prime contractor.
- 2) Becoming a subcontractor or vendor to an existing prime contractor.
- 3) Getting involved with procurements for goods or services for one of the opportunity projects led by a partner agency (such as Washington County) participating with the WWSP.

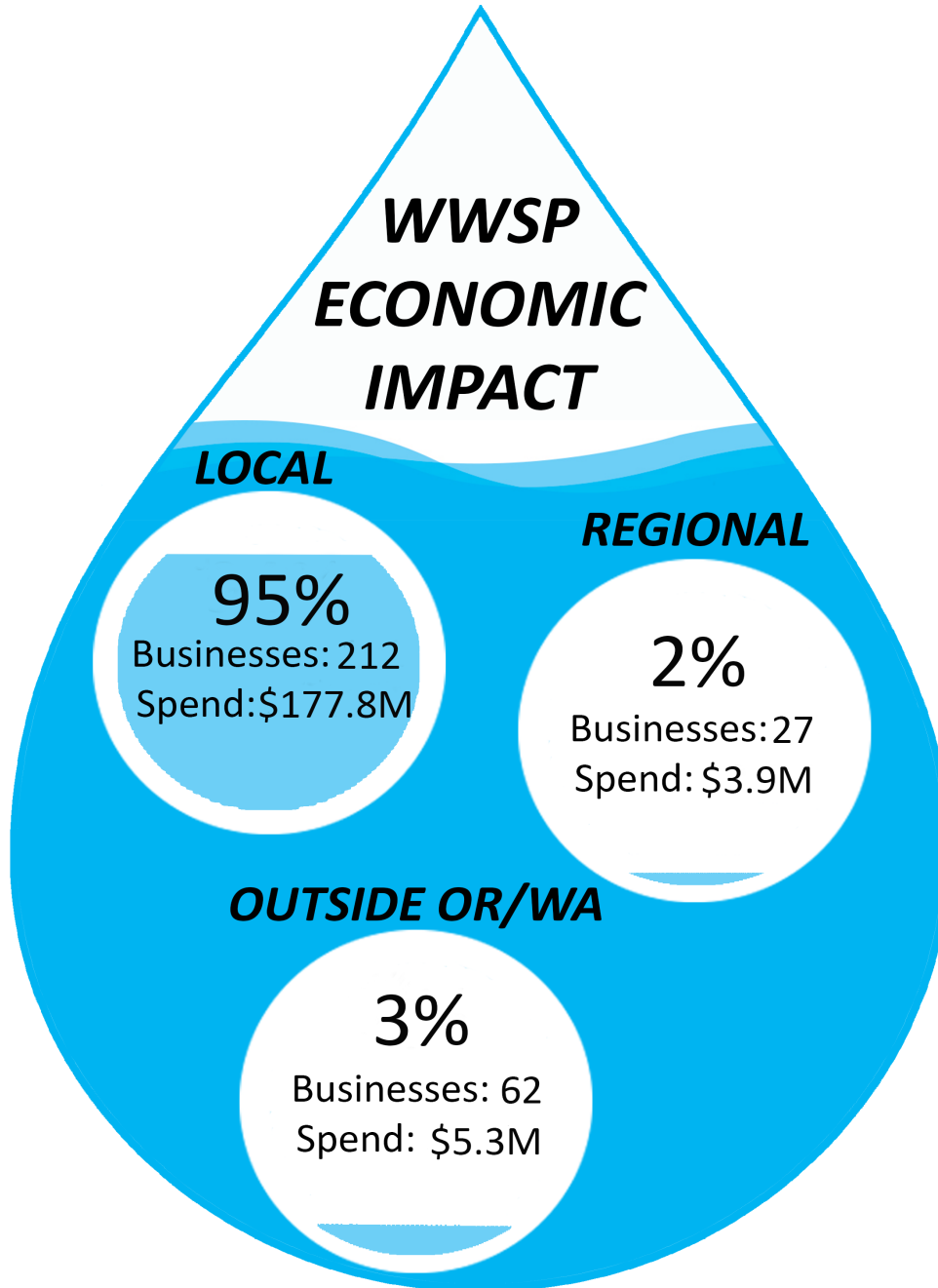
RFP and ITB opportunities are advertised in the *Daily Journal of Commerce Oregon* and listed on the Business Opportunities page at <http://www.ourreliablewater.org/business-opportunities/>

Goods and Services

Needs for each work package vary, and each contractor selects its own subcontractors to support construction. Some of the goods and services that will be needed include, but are not limited to: traffic control, equipment rentals, erosion/sediment control, concrete, welding, fuels and oils, equipment maintenance services, portable toilets, truck drivers, signage, pavement/road construction, fencing, aggregate supplies, and landscaping and maintenance.

WWSP Economic Contribution Summary

The WWSP is positively contributing to the Oregon and Washington regional economy with more than \$185 million spent to date. Approximately 212 local businesses (located in counties within 50 miles of the WWSP project site) and 27 regional businesses (located outside the local area but within Oregon or Washington) have participated in the Program. The 62 other businesses that are located outside Oregon and Washington are also contributing a positive effect on the local economy, as many of their employees live and work in the local area and generate local benefits through the purchase of goods, services, and other activities.



Data through Q2 2020