

REQUEST FOR QUALIFICATIONS: COMPARATIVE ANALYSIS OF GREY WATER RECYCLING SYSTEMS

Summary: The Oregon Country Fair (OCF) plans to build a grey water recycling system for seasonal use. The system will treat grey water from showers and kitchens so it can be used for road and landscape watering. This Request for Qualifications is the initial step for the OCF's selection of a design consultant for the grey water recycling project. The initial phase of the project is an analysis to compare a range of alternative grey water recycling systems and to identify the most appropriate alternative. Detailed design of the selected system would be a subsequent phase of the project.

Background: OCF owns more than 500 acres of land near Veneta, Oregon, on which an annual three-day gathering (the Fair) is held during July. Grey water production at temporary kitchens, showers, and sauna begins two months before the Fair and builds to a peak during the Fair (>100,000 gallons/day), then declines to zero over the next few months. Currently, some of the grey water is trucked off site for treatment and some percolates into the ground locally. OCF buys and trucks potable water from the City of Veneta for road watering and dust control before and during the Fair. An on-site system that treats the grey water to a standard that can be used for dust control would reduce OCF's expenses and carbon footprint.

Site issues: Most of the OCF site is in the floodplain of the Long Tom River. Uplands where a treatment system could be installed have constraints and concerns, including archaeological artifacts from 10,000 years of Native American occupation and competing uses for the area. Some grey water will be piped to the treatment system and some will be transported by truck. The system will include post-treatment storage and a pumping system to load road-watering trucks.

Goals: This analysis would compare five or six systems ranging from site-built to package systems. Factors to consider could include (but not be limited to) suitability for seasonal use, output quality, carbon footprint, installation cost, area requirements, operating costs, expected system lifespan, maintenance procedures, expertise required for operation and maintenance, electrical consumption, expandability, cost per unit output, and ground disturbance impacts.

Submission requirements: Statements of Qualification will be due by January 15, 2020, and should include no more than 20 pages. Include previous projects, bios of principals, and references. Priority will be given to regional engineering firms. OCF will prepare a short list of respondents for detailed proposals by Feb. 15, 2020. Site visits are encouraged, as are electronic submissions.

Send statements to

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