



ricardo <ricardolovettbwd@gmail.com>

Burlington Water District - Cost estimates For Priority Improvements Design Services.

1 message

Edward Hodges <eph@curran-mcleod.com>

Wed, Sep 10, 2025 at 5:18 PM

To: ricardo <ricardolovettbwd@gmail.com>, "Gail E. Curtis" <gailcurtisbwd@gmail.com>, Dan Zimmerman <dzimmerm4085@yahoo.com>

Hi Ricardo:

This email summarizes estimated engineering costs for select priority improvements to be performed on the District's Water System. The three improvements are installation of a remote security camera system at the District's existing reservoir, rerouting of an existing drain/overflow culvert located under the existing access road at the reservoir and installation of a continuous chlorine sampler to be connected to the northern end of the existing distribution system.

Item No. 1 – Security Camera at the Reservoir. The reservoir is isolated and needs security camera coverage to prevent and Our scope of services will involve contact with vendors and approval of a ladder mounted solar powered camera system. It is envisioned that the camera system will be in motion activated and have an input to the existing mission system for a signal/alarm that a recording is in progress. Data from the camera system will be stored on site for periodic collection by the operator.

Engineering Services Fee Estimate: Research, Specification and Review - \$500.00

Item No. 2 Reroute of Existing Culvert at Reservoir Site. Currently drainage and overflow from the existing reservoir is routed to a drainage ditch located east of the site. Due to it's location, a high flow event from the reservoir has potential to significantly damage or wash out the existing access road. The scope of this project will site investigation, permitting with Multnomah County and Metro, a construction plan and bidding and oversight of the relocation of the existing culvert under the access road so that flows pass under the road and are dispersed below.

Engineering Services Fee Estimate: \$2,900.00. Note survey costs are not included in this fee but will be billed separately if needed.

Item No. 3 – Continuous Chlorine Sampler Installation. The District is required to sample chlorine residual concentration in their drinking water on a twice weekly basis. Currently samples are collected by volunteers and take to an analytical laboratory for testing. The District would like to utilize a continuous chlorine sampler system to reduce labor requirements and analytical costs. The sampler and analysis module will be installed in a doghouse style enclosure out in a location near the north end of the District. The scope of this project will be site investigation for system location, electrical service availability, doghouse and analytical equipment specification and design, specifications and plans, OHA review as required and bidding, construction, and start-up services.

Engineering Services Fee Estimate: \$3,000.00.

Please let me know if you have questions and/o concerns about this matter.

Ed

Edward P. Hodges, P.E.

CURRAN-McLEOD, INC.

[6655 S.W. Hampton St., Ste. 210](#)

[Portland, OR 97223](#)

T: (503) 684-3478

C: (503) 869-7849

F: (503) 624-8247

E: eph@curran-mcleod.com

Upload files: <https://www.hightail.com/u/Curran-McLeod>