



MEMO TO: Planning and Public Works – Committee of the Whole

FROM: Emily Flanagan, P. E., Functional Area Lead PW / EUSD

DATE: August 13, 2019

SUBJECT: 90th St Pond Retrofits – Consultant Agreement

I. PURPOSE ☐ For Info Only ☐ Potential Agenda Item ☒ Scheduled for Council Action

II. RECOMMENDATION

Approve a consultant agreement with Gray and Osborne, Inc. for alternatives analysis, design, and permitting services for the 90th St. Stormwater Retrofit, Project No. 20021602, in an amount not to exceed \$350,000 and authorize the Mayor to sign the Agreement.

Authorize staff to secure property rights necessary to construct and maintain the project.

III. DEPARTMENT CONTACTS

Dave Juarez, Public Works Director, 425-556-2733

Gary Schimek, P.E., EUSD Manager, 425-556-2742

Emily Flanagan, P.E., Functional Area Lead PW / EUSD, 425-556-2707

Bassam Al-Ali, P.E., Project Manager PW, 425-556-

IV. DESCRIPTION/BACKGROUND

The NE 90th Street Stormwater basin is about 230 acres of predominantly residential and commercial land use. Much of the basin development was prior to modern stormwater standards. The basin originates in the uplands of Education Hill and extends southwest to discharge into the Sammamish River at NE 90th Street. There is an existing stormwater wetpond located just upstream from the outfall. The existing pond is believed to infiltrate untreated stormwater into the aquifer, the project will stop untreated stormwater from infiltrating at this location. This project will also improve water quality in the Sammamish River through the retrofit design of a stormwater wetpond at NE 90th St in the City of Redmond. The design will focus on the removal of total suspended solids (TSS) to the Sammamish River by increasing stormwater runoff treatment.

The consultant agreement is for alternatives analysis, permitting, and engineering through final plans, specifications, and estimated costs.

A. Analysis

Process to Date

May 16, 2019: Project Charter Meeting

June 20, 2019: Request for Qualifications Advertised

June 25, 2019: Ecology grant officially activated

July 24, 2019: Selection of Gray and Osborne, Inc. for design

Service Delivery or Fiscal Impacts

The funding for this project is a combination of City Stormwater CIP funds and Grant funding through Ecology.

Source of Funds	Funding Amount
City Stormwater CIP – Design	\$100,000
Department of Ecology Grant – Design	\$250,000
City Stormwater CIP – Construction	\$1,249,000

V. TIME CONSTRAINTS

Ecology Grant funding obligations require permit submittals and 90% design to be complete by June 30, 2020.

City Council review on this topic, is scheduled as follows:

- August 13, 2019: Planning and Public Works Committee briefing
- September 3, 2019: Council Meeting

VI. LIST OF ATTACHMENTS

1. *2PW - 90th St Pond Retrofit_Vicinity Map*