



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB23-012
January 23, 2023
Consent Agenda

AGENDA BILL INFORMATION

TITLE:	AB23-012: Update to Lift Station 1 Force Main Improvements and Amendment to RH2 Services Agreement	<input type="checkbox"/> Discussion Only
PROPOSED ACTION:	AB23-012: Approve amendment No. 4 to RH2 Services Agreement for Lift Station Improvements	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

REVIEW:	Department Director/Peer	Mike Chambless	1/9/2023
	Finance	Drew Bouta	1/13/2023
	Legal	Anna Astrakhan	1/12/2023
	City Administrator	Mike Sauerwein	1/9/2023

DEPARTMENT:	Parks & Public Works		
STAFF:	Andrew Vining		
COMMITTEE:	Parks & Public Works	COMMITTEE DATE: January 18, 2023	
MEMBERS:	Bryan Holloway	Ethan Benson	Jo Johnson
EXHIBITS:	1. Amendment to RH2 Services Agreement 2. CIP Excerpt 3. PowerPoint: Update to Lift Station 1 Force Main Improvements		

AMOUNT OF EXPENDITURE	\$ 24,500
AMOUNT BUDGETED	\$ 985,380
APPROPRIATION REQUESTED	\$ TBD

SUMMARY

INTRODUCTION

This agenda bill seeks to amend the existing services agreement with RH2 Engineering (RH2) for the Railroad Place Lift Station Improvement Project to include added engineering support services during construction. The construction at the Railroad Lift Station is 90 percent complete and remaining tasks include installation of a replacement generator and startup and commissioning of new equipment.

LEGISLATIVE HISTORY

On January 27, 2020, council approved [AB20-005](#) Agreement for Consultant Services with RH2 for Lift Station Improvements. The Agreement was first amended on May 26, 2020 to include geotechnical and permitting services to the scope of work under [AB20-054](#), and then amended again on November 23, 2020, under [AB20-099](#) to include services during construction at Lift Station 2 and permitting at Railroad Avenue Lift Station. The contract was last amended to add services during bidding and construction at Railroad Avenue Lift Station on May 10, 2021, under [AB21-027](#).

BACKGROUND

The city contracted with RH2 in January 2020 to complete design improvements at Railroad Avenue Lift Station and at Lift Station 2. During the life of this contract the scope of services were modified by a series of amendments to include addition services related to bidding and construction phases, as well as replacement of a sewer force main at Lift Station 2 in 2020, and design of a replacement generator at Railroad Avenue Lift Station in 2021. Work at Lift Station 2 is complete and work at Railroad Avenue Lift Station is now 90 percent complete. The remaining tasks at Railroad Avenue include installation of a replacement generator, and startup and commissioning of equipment.

During the construction at Railroad Avenue Lift Station an unexpected pump failure occurred and required RH2 to provide additional services related to pump analysis including selection of a temporary pump, commissioning of the repaired pump, and evaluation of pump alternatives. In addition, the City intends for the Railroad Avenue Lift Station contractor to install a replacement generator at the lift station as change order work and RH2 will provide additional services during the installation and commissioning of this generator. The proposed amendment to the Railroad Avenue Lift Station scope of services will include additional support during construction related to pump analysis, generator installation, and equipment startup.

ANALYSIS

The unexpected pump failure at the Railroad Avenue Lift Station raised the need for urgent response and operations support including pump evaluation and troubleshooting. The pump failure occurred on a Friday during commissioning of the new lift station flow meter. RH2's familiarity with the lift station design and operations served as a valuable resource during this response. Installation of a replacement generator will replace a rental generator and provide immediate cost savings to the City. The City no longer employs the staff who intended to install the generator and it is now preferred that RH2 work with the contractor at the Railroad Avenue Lift Station to complete generator installation and commissioning process.

BUDGET IMPACTS

Administration recommends approving a contract with RH2 Engineering in the amount of \$24,500 to provide engineering support services for the Railroad Place Lift Station Improvement Project. The City incorporated this project into the 2023-2028 Capital Improvement Plan (CIP) (see Exhibit #2) for a current life-of-project budget of \$985,380 and into the 2023-2024 Biennial Budget for a budget of \$106,000 during the biennium. When accounting for the expenditures previous incurred, the outstanding value of contracts previously approved, and the value of this contract, the City will exceed its current life-of-project budget by approximately \$14,649 (please see below). In order to accommodate the overage, the City could return with a budget amendment increasing the appropriation within the Utilities Capital Fund (#417) by \$14,649 or offset with a decrease in the life-of-project budget of another project.

Railroad Pl. Lift Station Improvement Budget Table:

	Life-of-Project Budget (Multiple Bienniums)	2023-2024 Biennial Budget
Beginning Budget	\$ 985,380	\$ 106,000
Expenditures	\$ (945,693)	-
Outstanding Contract Value (Previously Approved)	\$ (29,837)	\$ (29,837)
Current Available Budget	\$ 9,851	\$76,163
Value of this Amendment (AB23-012)	\$ (24,500)	\$ (24,500)
Available Budget after AB23-012	\$ (14,649)	\$ 51,663

NEXT STEPS

The final commissioning event for the Railroad Avenue Lift Station equipment will be scheduled with City staff, RH2, the contractor, and equipment representatives. Equipment such as pumps, valves, and flow meters will be fine-tuned and performance will be certified by equipment representatives. The replacement generator was order by the City in September of 2021 and is scheduled for delivery later this month. Following receipt of the new generator RH2 and City staff will work with the installation contractor to replace the old generator, and complete startup and commissioning of the new generator.

PROPOSED ACTION

Staff recommends City Council move to approve contract Amendment No. 4 to the agreement for engineering services with RH2 Inc. and authorize the Mayor to sign the amendment as presented.