



PARKS & PUBLIC WORKS COUNCIL COMMITTEE & COMMITTEE OF THE WHOLE REGULAR MEETING

Wednesday, January 18, 2023, at 5:00 PM

Snoqualmie City Hall, 38624 SE River Street & Zoom

COMMITTEE MEMBERS

Bryan Holloway, Chair

Jolyon Johnson, Councilmember

Ethan Benson, Councilmember

This meeting will be conducted in person and remotely using teleconferencing technology provided by Zoom.

This meeting will be conducted in person and remotely using teleconferencing technology provided by Zoom. Join by Telephone at 5:00 PM: To listen to the meeting via telephone, please call **253.215.8782** and enter Webinar ID **867 8554 3964** and Password **1700050121** if prompted.

Press *9 to raise your hand to speak. Raising your hand signals the meeting moderator that you have a comment.

Press *6 to mute and unmute.

Join by Internet at 5:00 PM: To watch the meeting over the internet via your computer, follow these steps:

- 1) Click this [link](#).
- 2) If the Zoom app is not installed on your computer, you will be prompted to download it.
- 3) If prompted for Webinar ID, enter **867 8554 3964**; Enter Password **1700050121**
- 4) Please confirm that your audio works prior to participating.

CALL TO ORDER & ROLL CALL

PUBLIC COMMENTS

MINUTES

- [1.](#) Approval of minutes dated January 4, 2023

AGENDA BILLS

- [2.](#) AB23-003: Water Reclamation Facility Phase 3 Early Procurement of Electrical Gear
- [3.](#) AB23-012: Update to Lift Station 1 Force Main Improvements and Amendment to RH2 Services Agreement

DISCUSSION

4. Recycling/Waste Management Conversation
- [5.](#) Re+Pledge
6. Director Reports
 1. Staffing
 2. Project status

ADJOURNMENT



PARKS & PUBLIC WORKS COUNCIL COMMITTEE & COMMITTEE OF THE WHOLE REGULAR MEETING MINUTES JANUARY 4, 2023

This hybrid meeting was conducted in-person and remotely using teleconferencing technology provided by Zoom in accordance with Governor Inslee's Proclamation 20-28.

CALL TO ORDER & ROLL CALL

Committee Chair Holloway called the meeting to order 5:00 PM

Committee Members:

Committee Chair Bryan Holloway, Councilmember Ethan Benson, and Councilmember Jolyon Johnson were present.

Mayor Katherine Ross and Committee of the Whole member Cara Christensen.

City Staff:

Mike Chambless, Parks & Public Works Director
Joan Quade, Administrative Assistant
Mike Sauerwein, City Administrator
Andrew Vining, P.E., Project Engineer
Jimmie Betts IT Support

Drew Bouta, Finance Manager
Bob Sterbank, City Attorney
Jeff Hamlin, Deputy Parks & Public Works Director
Chris Miller, Interim IT Director

PUBLIC COMMENTS

None

MINUTES

December 6, 2022 minutes were approved as written.

AGENDA BILLS

AB23-001: Awarding the Kimball Creek Lift Station Improvements

Non-consent: Add to Council Agenda under Reports

AB23-001: Amendment with RH2 Engineering for Water Reclamation Facility Phase 3 Services

Consent: Add to Council Agenda

DISCUSSION

1. Brief update was provided regarding the recent, wild series of storms and their aftermaths.

2. Following some restructuring, a new division was created, combining Urban Forestry and Stormwater. Phill Bennett is division Superintendent, and we are recruiting for Senior Urban Forestry/Storm Technician. In this same transition, Streets and Stormwater divisions, formerly combined, have been separated from one another.
3. Parks & Public Works is currently removing holiday lights. Downtown should be cleared by the end of January and the Snoqualmie Ridge retail area by the end of February.

ADJOURNMENT

There being no further business to come before the Committee, Committee Chair Holloway adjourned the meeting at 5:17 PM.

Minutes taken by Joan Quade, Administrative Assistant

Recorded meeting audio is available on the City website after the meeting.

Minutes approved at the ____ Parks & Events Commission Meeting



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB23-003
January 23, 2023

Choose an item.

Item 2.

AGENDA BILL INFORMATION

TITLE:	AB23-003: Water Reclamation Facility Phase 3 Early Procurement of Electrical Gear	<input type="checkbox"/> Discussion Only
PROPOSED COUNCIL ACTION:	Adopt Resolution No. XXXX Approving Purchase Order of Electrical Gear	<input checked="" type="checkbox"/> Action Needed: <input type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input checked="" type="checkbox"/> Resolution

REVIEW:	Department Director/Peer	Mike Chambless	1/9/2023
	Finance	Drew Bouta	1/6/2023
	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. Resolution No. XXXX 2. Purchase Order with CSNW for Electrical Gear 3. Water Reclamation Facility Phase 3 Project Schedules 4. CIP Excerpt		

AMOUNT OF EXPENDITURE	\$ 620,921
AMOUNT BUDGETED	\$ 13,357,000 (23-24 Biennium)
APPROPRIATION REQUESTED	\$ 0

SUMMARY

INTRODUCTION

This agenda bill seeks approval of a purchase order with Control Systems Northwest (CSNW) LLC for electrical gear associated with the Water Reclamation Facility (WRF) Phase 3 Improvements Project. Due to global supply chain issues, project lead times and delivery dates for electrical equipment far exceed normal conditions. Early sole-source procurement of electrical gear will allow for the WRF Phase 3 Improvements to maintain schedule and fulfill customer obligations.

LEGISLATIVE HISTORY

A contract with RH2 Engineering (RH2) was approved by Council on February 28, 2022 under [AB22-031](#) and amended on August 22, 2022 under AB22-108 to complete final design, permitting and bidding of the WRF Phase 3 Improvements. On May 31, 2022 under [AB22-073](#) Council Approved an amendment to the existing

agreement between the City of Snoqualmie and the Snoqualmie Tribe for the provision of added sewer utility service related to Casino expansion scheduled to soft start in fourth quarter 2024.

BACKGROUND

The City is contracted with RH2 to complete design of the WRF Phase 3 Improvements which will upgrade aging components with new equipment sized to handle future sewer flows and loads projected through the year 2040. In May 2022, during WRF Phase 3 preliminary design, the City entered into an agreement with the Snoqualmie Tribe for the provision of added sewer utility service related to Casino expansion scheduled to soft start in fourth quarter 2024. The agreement included General Facility Charges (GFCs) as well as project schedule milestones to ensure that commercially reasonable and best efforts are made such that added sewer utility services will be available for the soft opening.

The design work for WRF Phase 3 which began in February 2022 is 60 percent complete. As part of the 60 percent design effort RH2 reached out to equipment vendors to acquire product availability and estimated lead times. Across the board equipment lead time is longer than normal and motor control center (MCC) electrical gear has by far the longest lead time, estimated to arrive 70 weeks following execution of a purchase order. As a result, City staff are considering purchasing long lead time MCC electrical gear outside of the forthcoming WRF Phase 3 construction contract that will facilitate the installation of such electrical gear.

Sole Source Procurement

For compatibility with existing WRF MCC equipment electrical gear will be manufactured by Rockwell Automation. North Coast Electric Company (NCE) is the sole distributor for purchase of Rockwell Automation MCC electrical gear. Any procurement option selected will involve purchasing MCCs from NCE. CSNW, a subsidiary of RH2, can provide discounted pricing, warranty, insurance, quality control, startup, and commissioning of equipment that would not be available in the event the City purchased the motor control equipment directly from NCE or another contractor. CSNW's unique relationship with the design, distribution, and manufacturer teams will insure quicker delivery of the MCC electrical gear.

Schedule Evaluation

The WRF Phase 3 Improvements will include extensive electrical work including installation of aeration system motor controls, mixer motor controls, and pump motor controls. In addition, portions of the electrical work must be completed early in the construction effort to allow for seamless transition to the new treatment process and reduce the risk of a permit violation. It is likely that the Washington State Department of Ecology (Ecology) will require that the electrical equipment be installed and ready prior to retrofit work on the oxidation ditches. In response to this critical path and long lead times on electrical equipment RH2 has prepared a series of project schedules used to evaluate the most effective path forward (see Exhibit 3). The schedules compare MCC electrical gear early procurement options including procurement through A) a general contractor; B) a separate electrical bid advertisement; and C) CSNW direct purchase. Schedule option C early procurement of electrical gear through CSNW will provide the earliest startup date and is recommended by staff to maintain schedule obligations.

Staff will continue to work with RH2 to refine the project and identify potential risks and opportunities.

ANALYSIS

Pre-purchasing of electrical equipment is necessary to maintain project schedule and mitigate supply chain impacts. Early procurement of electrical gear through CSNW will mitigate long lead times on electrical gear by eliminating three to five months of time associated with bidding and processing of equipment submittals. This is the only schedule option estimated to provide for a soft start in fourth quarter 2024 and fulfill customer obligations. RH2 and City Staff recommend this early procurement approach to mitigate risk associated with supply chain impacts and equipment long-lead time.

BUDGET IMPACTS

Administration recommends approving a purchase order with Control Systems NW (CSNW) in the amount of \$620,951 to procure MCC electrical for the Water Reclamation Facility Improvements - Phase 3 project. The City incorporated the project into the 2023-2028 Capital Improvement Plan (CIP) (see Exhibit #4) for a total project budget of \$15,262,217 and into the 2023-2024 Biennial Budget for a budget of \$13,357,000 during the biennium. When accounting for the expenditures previously incurred, the outstanding value of contracts previously approved, the value of this contract, the City has a remaining project budget of \$12,052,944 and remaining budget of \$10,635,366 for the biennium (please see the table below or on the next page). Therefore, sufficient appropriation exists within the 2023-2024 Biennial Budget (Utilities Capital Fund #417) to fund the contract.

Water Reclamation Facility Improvements – Phase 3 Budget Table:

	Life-of-Project Budget <i>(Multiple Bienniums)</i>	2023-2024 Biennial Budget
Beginning Budget	\$ 15,262,217	\$ 13,357,000
Expenditures	\$ (487,639)	-
Outstanding Contract Value <i>(Previously Approved)</i>	\$ (2,100,683)	\$ (2,100,683)
Current Available Budget	\$ 12,673,895	\$11,256,317
 Value of this Purchase Order <i>(AB23-003)</i>	 \$ (620,951)	 \$ (620,951)
Available Budget after AB23-003	\$12,052,944	\$10,635,366

NEXT STEPS

Following adoption of the resolution a purchase order will be executed by CSNW and the Mayor. The electrical design is sufficiently complete to procure MCC electrical gear including aeration system motor controls, mixer motor controls, and pump motor controls. Following execution of the purchase order CSNW will working directly with NCE and Rockwell Automation to review equipment submittals for consistency with plans and specifications. Following approval of submittals equipment will be ordered and schedule for delivery to the WRF in summer of 2024 following construction of the new blower building and prior to retrofitting of the oxidation ditches. Startup and testing of the new oxidation ditch process is expected to occur in fourth quarter 2024.

PROPOSED ACTION

Adopt Resolution No. XXXX approving a purchase order with CSNW for procurement of MCC electrical gear.

RESOLUTION NO. XXXX**A RESOLUTION OF THE CITY OF SNOQUALMIE, WASHINGTON, DECLARING SPECIAL FACILITIES AND MARKET CONDITIONS AND THE EXISTENCE OF A SINGLE SOURCE OF SUPPLY, AND WAIVING COMPETITIVE BIDDING REQUIREMENTS FOR THE PURCHASE OF ELECTRICAL MOTOR CONTROL EQUIPMENT AND AUTHORIZING THE PURCHASE THEREOF**

WHEREAS, the City seeks to purchase motor control center electrical gear for the Water Reclamation Facility Phase 3 improvement project (“Project”); and

WHEREAS, the City’s project engineer, RH2 Engineering, Inc. (“RH2”) and City staff identified Rockwell Automation as the electrical equipment manufacturer whose motor control equipment is most suitable for the City because it is standardized to be compatible with the City’s existing equipment at the Water Reclamation Facility; and

WHEREAS, Rockwell Automation electrical motor control equipment is available solely from North Coast Electric Company (“NCEC”); and

WHEREAS, global supply chain problems have significantly delayed equipment arrival on current and past City projects, and motor control center electrical gear has a lead time of up to 70 weeks; and

WHEREAS, the City desires to purchase the Rockwell Automation equipment from NCEC through Control Systems NW, LLC (“CSNW”), a subsidiary of RH2 that specializes in control system design and integration, and that will provide discounted pricing, warranty, insurance, equipment quality control and commissioning services to the City, enabling the City to receive the required electrical equipment in the most expedited manner; and

WHEREAS, pursuant to the Revised Code of Washington (“RCW”) Sections 35A.40.210, the provisions of RCW 35.23.352 govern the purchases of goods and equipment by the City; and

WHEREAS, RCW 35.23.352(7) provides that “[a]ny purchase of supplies, material, or equipment, except for public work or improvement, where the cost thereof exceeds seven thousand five hundred dollars shall be made upon call for bids”; and

WHEREAS, RCW 35.23.352(1) provides that “[t]he city or town legislative authority may waive the competitive bidding requirements of this section pursuant to RCW 39.04.280 if an exemption contained within that section applies to the purchase or public work”; and

WHEREAS, RCW 39.04.280(1)(b) permits the waiver of competitive bidding requirements for purchases involving special facilities or market conditions; and

WHEREAS, RCW 39.04.280(1)(a) permits the waiver of competitive bidding requirements for purchases that are clearly and legitimately limited to a single source of supply,

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF SNOQUALMIE AS FOLLOWS:

Section 1. Waiver of Competitive Bidding Requirements. Based on the foregoing recitals, which are hereby adopted by reference as findings of fact as if separately set forth herein, due to the fact that Rockwell Automation electrical motor control equipment is a special facility for the Water Reclamation Facility Phase 3 Improvement Project, for which North Coast Electric Company is a single source of supply, the City Council of the City of Snoqualmie hereby waives competitive bidding requirements in accordance with RCW 35A.40.210, RCW 35.23.352(1), and RCW 39.04.280 for the purchase of such equipment from North Coast Electric Company.

Section 2. Authorization for Contract Execution. The Mayor or her designee is authorized to execute and/or approve a purchase order, purchase contract, invoice or other document for the purchase of the Rockwell Automation electrical motor control equipment from North Coast Electric Company through Control Systems NW, LLC in the total estimated amount of \$620,921, including sales and use tax.

Passed, by the City Council of the City of Snoqualmie, Washington, this ____ day of _____, 2023.

Katherine Ross, Mayor

Attest:

Deana Dean, City Clerk

Approved as to form:

Bob C. Sterbank, City Attorney



CONTROL SYSTEMS NW LLC
22722 29th Drive SE, Suite 210, Bothell, WA 98021
controlsystemsnnw.com / Tax ID# 84-1772095

Purchase Order					
CSNW will provide materials in accordance with CSNW Terms and Conditions.					
Project Name: WRF Phase 3 - Motor Control Center Equipment					
Client Name	City of Snoqualmie		CSNW Project No.		
Client Project No.			CSNW Project Manager	Chris Roberts	
Client Project Manager	Andrew Vining, P.E.		Date Developed	1/12/2023	
Project Location	Snoqualmie, WA		Expected Completion	2/1/2024	
Description of Work					
Equipment Procurement - Order for long-lead-time Motor Control Center (MCC) equipment . This order includes freight to the City's WRF Facility. Payment terms and conditions are same as Distributors, including billings of 20% due upon Manufacturer provided engineered drawing delivery and 80% due upon delivery of gear when applicable.					
Assumptions					
This purchase order is providing long-lead-time Allen-Bradley parts only. 1-year additional warranty is included outside of that provided for all equipment manufactured by Rockwell Automation. Labor is not included with the warranty of equipment.					
Fee Estimate					
Description	Total Hours	Total Labor	Total Sub/Material	Total Expense	Total Cost
Task 1 WRF Motor Control Center Equipment	68	\$ 17,408	\$ 550,532.17	\$ 2,235	\$ 570,175.37
1.1 Blower Building Allen-Bradley Motor Control Centers (BB-1 and BB-2)	-	\$ -	\$ 458,064.21	\$ -	\$ 458,064.21
1.2 Existing MCC-C Circuit Breaker Feeder Modifications	-	\$ -	\$ 20,659.42	\$ -	\$ 20,659.42
1.3 CSNW Factory Testing	32	\$ 8,768	\$ -	\$ 1,219	\$ 9,987
1.4 CSNW Field Testing, Startup, and Commissioning	36	\$ 8,640	\$ -	\$ 1,016	\$ 9,656
1.5 CSNW Markup (15% on Materials Only (1.1 and 1.2))	-	\$ -	\$ 71,808.54	\$ -	\$ 71,808.54

SUBTOTAL	68	\$ 17,408	\$ 550,532.17	\$ 2,235	\$ 570,175.37
WSST RATE 8.9%					\$ 50,745.61
PROJECT TOTAL	68	\$ 17,408	\$ 550,532.17	\$ 2,235	\$ 620,920.98

By signing, Client verifies that the signing individual has the authority to authorize this Purchase Order, valid within 30 days of development as identified above.

Control Systems NW, LLC

City of Snoqualmie

Signature

Signature

Print Name/Title

Print Name/Title

Date

Date

CSNW STANDARD TERMS AND CONDITIONS

Rev 6-2022

These terms and conditions shall apply generally to each Control Systems NW LLC (CSNW) Work Order, although specific terms may not apply to a particular Work Order. If a Work Order requires CSNW to only procure materials and/or equipment, terms applicable to professional services would not apply.

TIME OF BEGINNING AND COMPLETION. Control Systems NW LLC (CSNW) agrees to perform the work described in the Work Order. If CSNW is delayed in the performance of the work by conditions which are beyond their control, or by a change in the Scope of Work, the schedule may be revised. CSNW shall begin on the date the Work Order is executed and conclude on or before the date of Expected Completion, as identified in the Work Order, unless terminated under the Termination provision.

PAYMENT. Unless otherwise modified by the Work Order, CSNW will send monthly invoices to the Client, which shall include any services provided and the cost of materials, supplies, equipment, and expenses necessary to fulfill the Work Order regardless of whether such materials, supplies, and equipment have been installed or incorporated into the work, and any necessary storage costs if the project is delayed or not sufficiently progressed for such installation or incorporation. Applicable sales taxes shall be included in the Work Order unless an applicable reseller permit is in effect for the Client. Expenses may also include mileage and related travel expenses, shipping and delivery, fees to government agencies, and other expenses incurred in the direct interest of the project. Client shall compensate CSNW per the terms of the Work Order and CSNW's obligations under the Work Order shall not commence until any required deposit is received. Hourly fees, where applicable, shall be billed per the current CSNW Schedule of Rates and Charges, and are subject to annual update. The cost of services, equipment, and materials furnished by a third party shall include an additional markup for CSNW's administrative costs. Invoices are due within thirty (30) days from the date of the invoice. Sums not paid within thirty (30) days shall be considered past due, and shall accrue interest at the rate of 1.5% per month from the due date of the invoice. The Client agrees that the balance stated on each invoice from CSNW is correct, conclusive, and binding on the Client unless the Client notifies CSNW in writing within 30 days after receipt of the invoice of the particular item that is alleged to be incorrect.

ADDITIONAL SERVICES. Where applicable, additional services not included CSNW's Work Order may be provided and compensated upon mutual agreement, and such additional services shall be subject to these terms and conditions.

TERMINATION. The Work Order may be terminated by either party upon seven (7) days written notice. In the event of termination, the Client shall pay CSNW in full for all work previously authorized and performed, including services provided by third party consultants, and for all materials, supplies, and equipment, if any, ordered prior to the effective date of termination. CSNW shall not be responsible for the return of materials, supplies, or equipment ordered prior to the effective date of termination or for any restocking fees.

CLIENT PROVIDED INFORMATION. Where applicable and as appropriate to the scope of the Work Order, the Client shall provide, at its expense, normal and customary documents and services deemed necessary by CSNW. The Client agrees that CSNW shall be entitled to rely on the accuracy and completeness of all information, of whatever type, provided by the Client, or by those retained by or acting for the Client. The Client shall retain ownership of the information it provides, but grants to or will obtain for CSNW a non-exclusive, royalty-free, fully-paid right and license to copy, distribute, display, modify, create derivative works from, and generally to use and commercially exploit the Client-provided information for purposes of fulfilling CSNW's obligations under the Work Order.

The Contractor agrees that all confidential information provided by the Client shall be used solely for the purpose of performing the work under the Work Order and, except as may be required to perform the work, shall not be disclosed to any third party without the prior consent of the Client. Each third party receiving confidential information in order to perform the work shall agree in writing to comply with this confidentiality provision.

STANDARD OF CARE. CSNW's professional services provided under the Work Order, if any, will be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances in the location of the project.

PRODUCT WARRANTY. To the extent CSNW procures any materials, supplies and/or equipment for the Client, CSNW warrants that such materials, supplies and/or equipment will be of good quality and new unless the Work Order requires or permits otherwise. This warranty excludes any remedy for damage or defect caused by abuse, improper installation and/or alterations to the materials, supplies and/or equipment by the Client or a third party, improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage. CSNW shall collect, assign, and deliver to the Client any specific written warranties given by third parties, and this warranty excludes any remedy by CSNW where a defect is covered by a third-party warranty. CSNW shall have no obligation to maintain or extend any third-party warranty that has been assigned to the Client. CSNW makes no warranty, expressed or implied, other than those expressed herein.

DELAY / RISK OF LOSS. CSNW shall notify the Client of any material delay in the performance of its obligations under the Work Order, but shall not be liable for and the Client waives claims of loss or damages occasioned by delays resulting in whole or in part from causes beyond the control and without the fault or negligence of CSNW, its contractors, or its consultants, including, without limitation, stoppages and strikes, acts of God and natural disaster, failure of a public agency to act in a timely manner, and/or acts of the Client or anyone or any entity retained by the Client. For materials, supplies, and/or equipment procured by CSNW under the Work Order, delivery dates are approximate and based upon receipt of all available information from the Client and vendor or manufacturer. Unless otherwise specified by CSNW, delivery will be made and title and risk of loss or damage will pass FOB point of shipment to the Client and each shipment or delivery shall be considered a separate and independent transaction.

LIMIT OF LIABILITY. CSNW's liability under the Work Order, whether arising out of CSNW's breach of contract or arising out of CSNW's breach of duties owed independent of contract, if any, including but not limited to breach of warranty, indemnity, negligence, strict liability, or other tort or statutory cause or causes of action, or otherwise related to the Work Order, or any amendment thereto, inclusive of costs and attorney's fees, shall not exceed the cost of correcting or replacing any defective services or materials.

In no event shall CSNW be liable for and the Client waives claims of all indirect, incidental, consequential, or special damages of any kind, including without limitation lost revenues, lost profits, or loss of use, even if CSNW has been advised of the possibility of such damages.

Notwithstanding any other provision in these terms and conditions, nothing shall be construed as to void, vitiate, or adversely affect any insurance coverages held by either party to the Work Order.

INSURANCE. CSNW shall maintain for the duration of the Work Order general liability and property damage in the amount of \$1.0 million per occurrence, \$2.0 million in aggregate; auto liability coverage in the amount of \$1.0 million per accident; and professional liability coverage in the amount of \$2.0 million per claim and \$2.0 million in aggregate. If the Work Order includes professional services, CSNW shall, at the Client's request, submit to the Client a completed Standard ACORD Certification Form as proof of insurance.

MUTUAL INDEMNIFICATION. CSNW and the Client agree to defend, indemnify, and hold harmless each other and all of their respective personnel from and against any and all claims, damages, losses and expenses (including reasonable attorney's fees) to the extent arising out of or relating to the Work Order or the performance thereof, but only to the extent caused by any negligent act or omission of the indemnifying party, its agents, consultants, or employees. When performing in the State of Washington, for the purposes of the foregoing indemnification provision only, and only to the extent of claims brought hereunder, the parties specifically waive any immunity they may be granted under the Washington State Industrial Insurance Act, Title 51 RCW.

OWNERSHIP OF WORK PRODUCTS AND INTELLECTUAL PROPERTY. Upon completion of the work, CSNW shall provide the Client with copies of the work products in accordance with the Work Order. The Client shall retain ownership of the source files and information developed by CSNW in preparing the work products. CSNW shall retain copies of all software work products. Any reuse, reproduction, or modification of the work products beyond the scope of the Work Order shall be without liability to CSNW. Distribution of the work products by or to any third party without written permission from CSNW, are prohibited. The Client shall defend, indemnify, and hold CSNW harmless from any claims relating to such unauthorized use.

In the event the contract is terminated prior to completion of the Work Order, CSNW can transfer the incomplete work products to the Client when the following conditions are met: (1) payment for work performed to the date of termination; (2) written release of liability for the Client's use of incomplete work products; and (3) written agreement to indemnify CSNW from claims arising out of the Client's use of incomplete work products.

Upon prompt notice by the Client of any claim of U.S. patent, copyright, or trademark infringement with respect to any materials or equipment procured by CSNW under the Work Order, CSNW will use reasonable efforts to secure for the Client such indemnity rights as the manufacturer may customarily give with respect to such goods. This shall be the Client's sole and exclusive remedy against CSNW regarding the infringement by any goods of any third-party intellectual property rights, including, without limitation, any patents or trademarks.

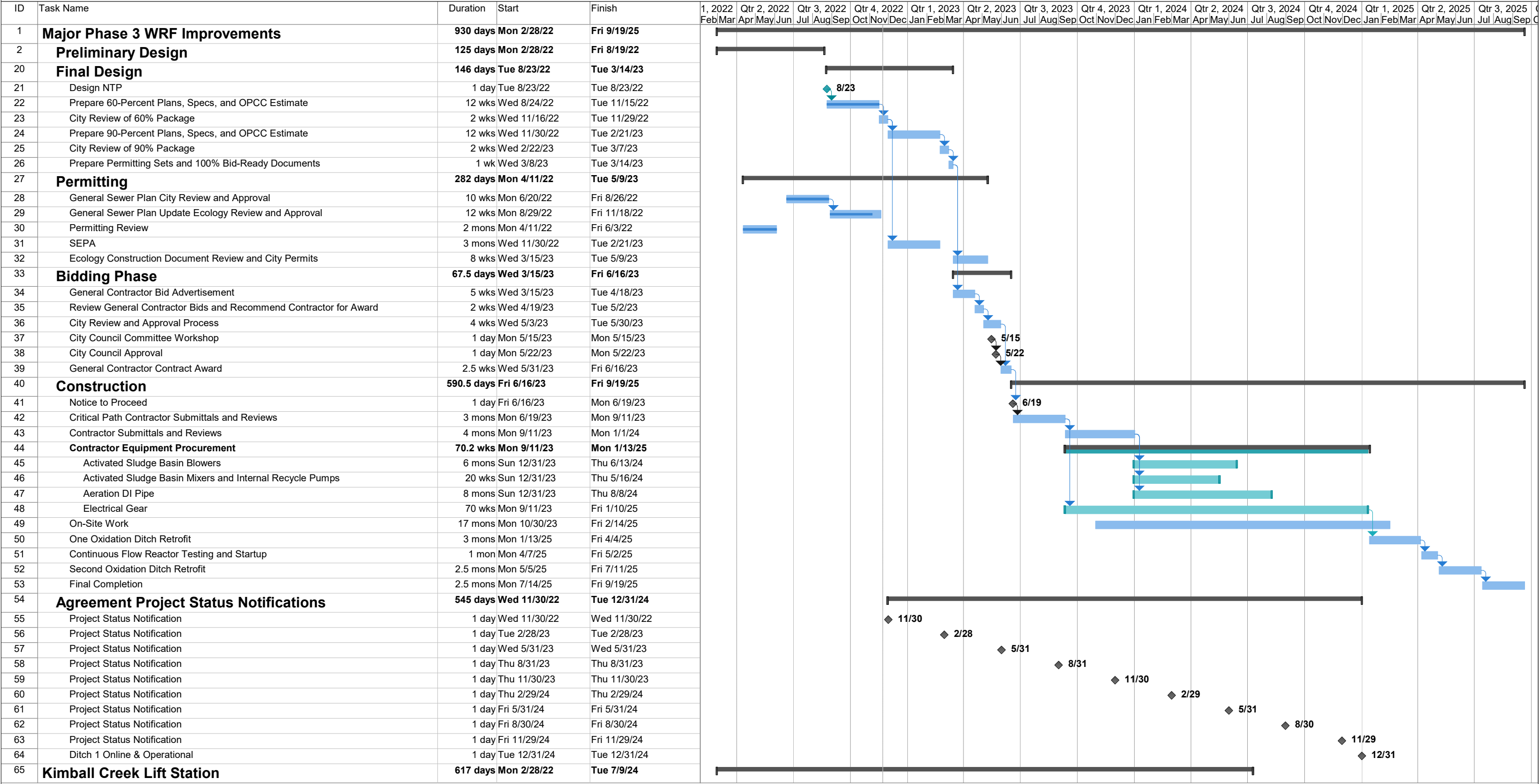
RELATIONSHIP OF THE PARTIES. Nothing contained in the Work Order or these terms and conditions shall be deemed or construed by the parties hereof or by any third party to create the relationship of principal and agent or partnership or of any association between any of the parties hereto other than independent contracting parties.

SEVERABILITY. If any of the provisions of these terms and conditions shall be finally determined to be unenforceable in whole or in part, the remaining provisions hereof shall remain in full force and effect, and be binding on the parties hereto. The parties agree to revise these terms and conditions to replace any such invalid or unenforceable provision with a valid and enforceable provision that fulfills as closely as possible the intention of the stricken provision.

GOVERNING LAW AND VENUE. The Work Order and these terms and conditions shall be governed by and construed and enforced under the laws of the state in which the work will be performed, without regard to conflict of laws principles. For any disputes or claims arising under or in connection with the Work Order not resolved in mediation, any appropriate state or federal court located in the County in which the work will be performed shall have exclusive jurisdiction and shall be a proper forum in which to adjudicate such disputes or claims. The Client consents to both personal and subject matter jurisdiction.

MEDIATION AS CONDITION PRECEDENT TO LITIGATION. In an effort to resolve any conflicts that arise during or following the completion of the project, CSNW and the Client agree that as a condition precedent to any litigation, all disputes arising out of or relating to the Work Order shall be submitted to non-binding mediation before a single mediator. If the parties are unable to agree on a single mediator, they shall submit the claims to Judicial Dispute Resolution, or such other similar alternative dispute resolution service provider for appointment of a single mediator according to its procedures. The cost of the mediator shall be shared equally by the parties. Any mediation relating to the Work Order shall be held in the County in which the work will be performed. This mediation requirement cannot be waived except by an explicit written waiver signed by both parties.

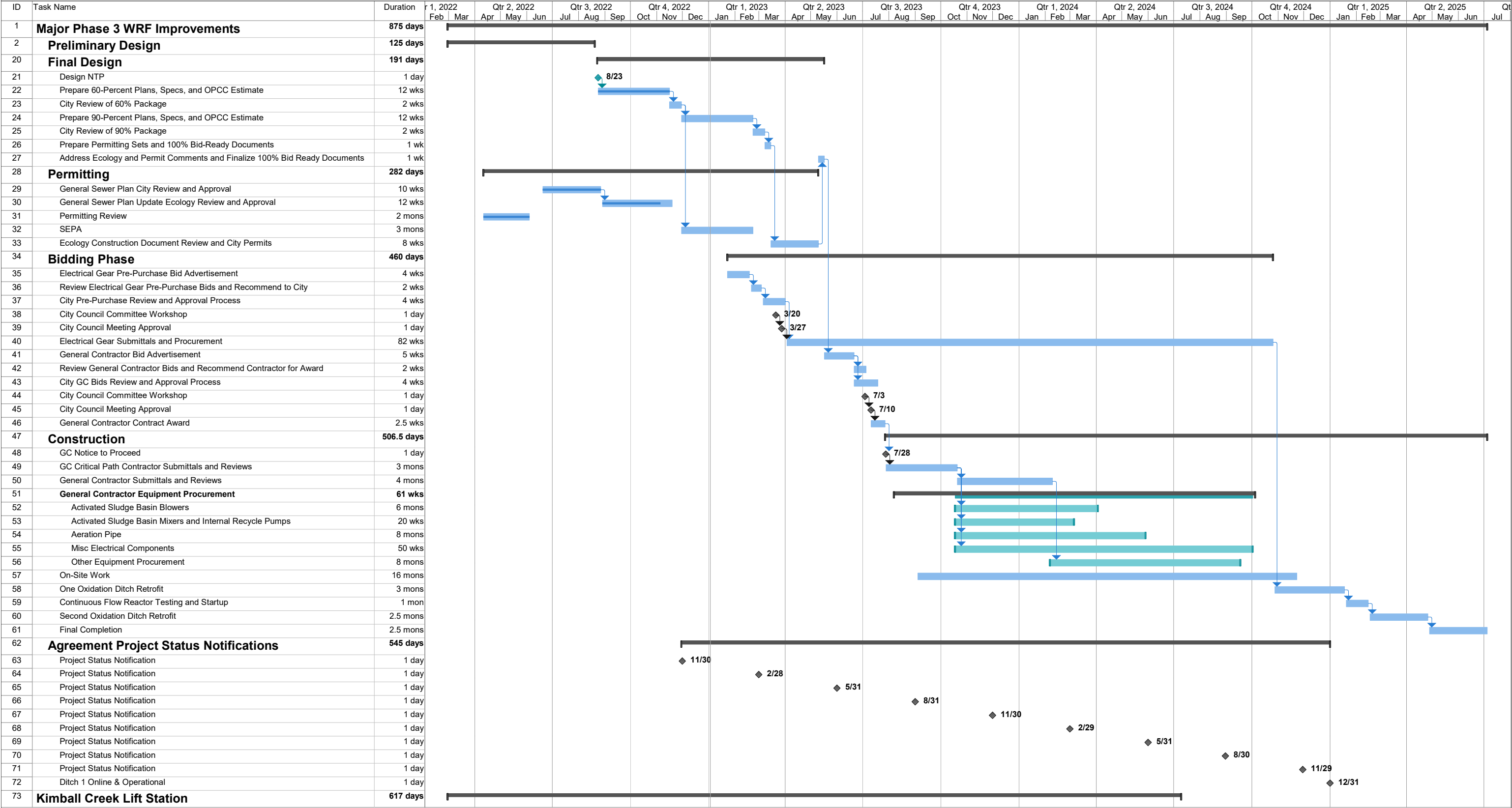
City of Snoqualmie
Water Reclamation Facility Phase 3 Design Improvements Overall Project Schedule
Option A: Aggressive General Contractor Bidding Schedule



Client: City of Snoqualmie
Project Name: WRF Phase 3 Design Improvements
Project No: 22-0040

Task	<div></div>	Project Summary	<div></div>	Inactive Milestone	<div></div>	Manual Summary Rollup	<div></div>	Progress	<div></div>
Split	<div></div>	External Tasks	<div></div>	Inactive Summary	<div></div>	Manual Summary	<div></div>	Deadline	<div></div>
Milestone	<div></div>	External Milestone	<div></div>	Manual Task	<div></div>	Start-only	<div></div>		
Summary	<div></div>	Inactive Task	<div></div>	Duration-only	<div></div>	Finish-only	<div></div>		

City of Snoqualmie
Water Reclamation Facility Phase 3 Design Improvements Overall Project Schedule
Option B: Pre-Bid/Pre-Purchase Electrical Gear Schedule



Client: City of Snoqualmie
Project Name: WRF Phase 3 Design Improvements
Project No: 22-0040

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

Progress

Deadline

Client: City of Snoqualmie

Project Name: WRF Phase 3 Design Improvements

Project No: 22-0040

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

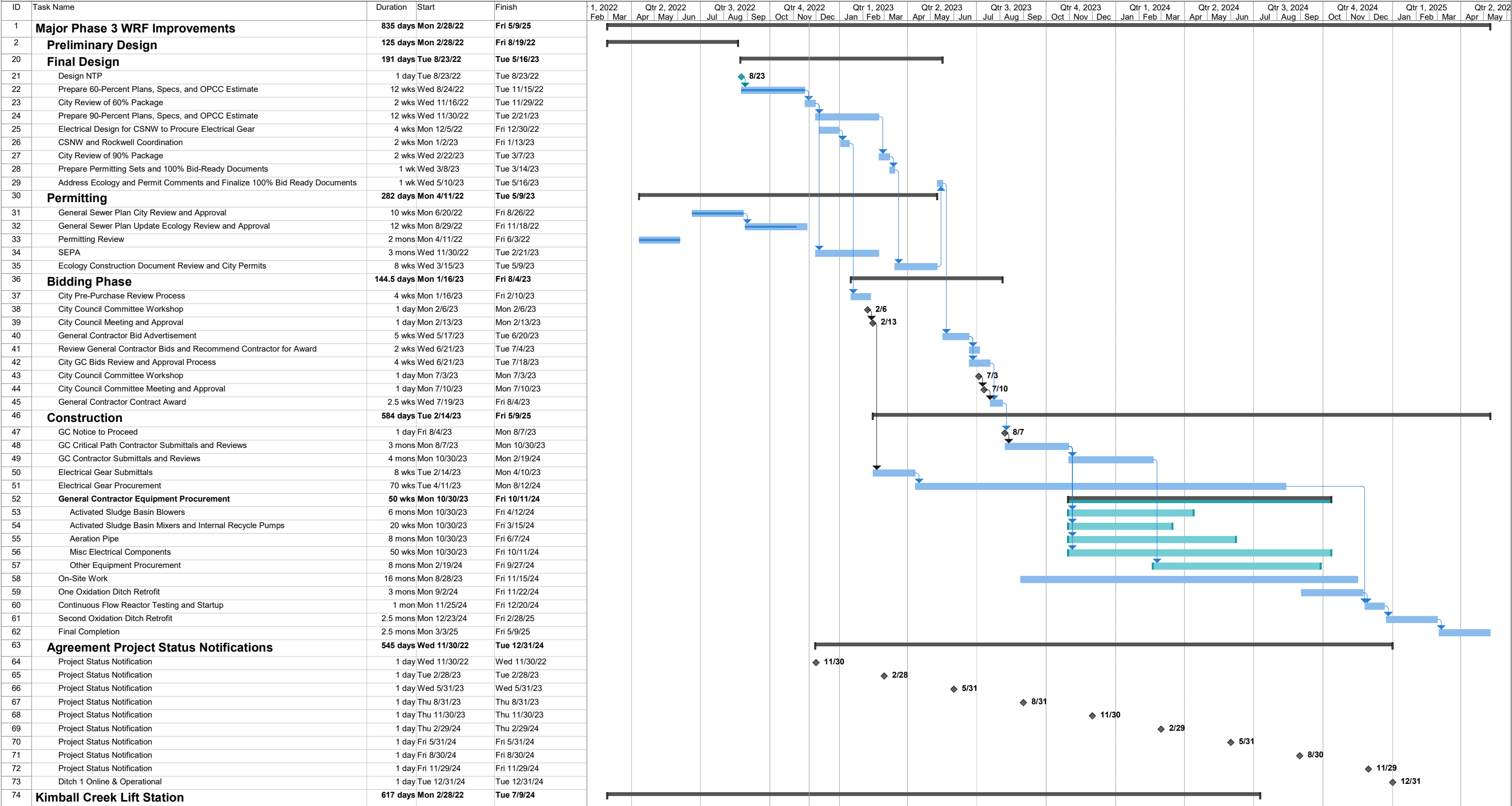
Start-only

Finish-only

Progress

Deadline

City of Snoqualmie
Water Reclamation Facility Phase 3 Design Improvements Overall Project Schedule
Option C: CSNW Procures Electrical Gear Schedule



Client: City of Snoqualmie
Project Name: WRF Phase 3 Design Improvements
Project No: 22-0040

Task



Summary

Split



Project Summary

Milestone



External Tasks



External Milestone



Inactive Task



Inactive Milestone



Inactive Summary



Manual Task



Duration-only



Manual Summary Rollup



Manual Summary



Start-only



Finish-only



Progress



Deadline





SEWER CAPITAL PROJECT OR PROGRAM

WATER RECLAMATION FACILITY IMPROVEMENTS - PHASE 3

CIP Project ID: TBD
 Department: Sewer
 Project Status: Design
 Project Location: 34190 SE Mill Pond Road
 Project Contact: Jeff Hamlin

Previously Spent: \$532,217
 Current Project Budget: \$15,262,217
 Original Budget at CIP Inception: \$12,577,470
 Contact Email: jhamlin@snoqualmiewa.gov

Years Project in CIP: 1

Project Description:

This project will convert two existing oxidation ditches into plug flow reactors (i.e., activated sludge basins), upgrade the Kimball Creek Lift Station, replace and outfit one of the clarifiers with necessary components upgrades, and install a new grit removal system.

Photo or Map:



Community Impact:

The intent of this project is to increase the capacity of the biological treatment process for handling current and projected flow and loading conditions, reduce excessive flow cycling and spikes, replace drive units nearing the end of their expected service life, and replace a rapidly deteriorating grit removal system.

Operating Impact:

This project is not expected to impact the operating budget.

Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2023	2024	2025	2026	2027	2028	2029 or Beyond
Analysis	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	5%	\$ 767,217	\$ 532,217	\$ 235,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	65%	\$ 9,926,461	\$ -	\$ 1,749,342	\$ 7,245,647	\$ 931,472	\$ -	\$ -	\$ -	\$ -
Const. Manage	10%	\$ 1,488,969	\$ -	\$ 262,401	\$ 1,086,847	\$ 139,721	\$ -	\$ -	\$ -	\$ -
Contingency	13%	\$ 1,985,292	\$ -	\$ 349,868	\$ 1,449,129	\$ 186,294	\$ -	\$ -	\$ -	\$ -
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Labor	4%	\$ 597,954	\$ -	\$ 120,921	\$ 408,094	\$ 68,939	\$ -	\$ -	\$ -	\$ -
Other	3%	\$ 496,323	\$ -	\$ 87,467	\$ 362,282	\$ 46,574	\$ -	\$ -	\$ -	\$ -
TOTAL	100%	\$ 15,262,217	\$ 532,217	\$ 2,805,000	\$ 10,552,000	\$ 1,373,000	\$ -	\$ -	\$ -	\$ -
Operating		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$15,262,217

TOTAL OPERATING BUDGET: \$0

Anticipated Funding Mix:

Source	Total Sources	Previously Allocated	2023	2024	2025	2026	2027	2028
Utility Fees ("Rates")	\$ 1,634,813	\$ 532,217	\$ -	\$ 1,102,596	\$ -	\$ -	\$ -	\$ -
Gen. Fac. Charges (GFC)	\$ 9,807,800	\$ -	\$ 2,018,032	\$ 6,801,976	\$ 987,792	\$ -	\$ -	\$ -
Contribution in Aid of Construction (CIAC)	\$ 3,819,604	\$ -	\$ 786,968	\$ 2,647,428	\$ 385,208	\$ -	\$ -	\$ -
TOTAL	\$ 15,262,217	\$ 532,217	\$ 2,805,000	\$ 10,552,000	\$ 1,373,000	\$ -	\$ -	\$ -

Fiscal

This project covers F1, F5, F8, and WW1 in the General Sewer Plan.

TOTAL FUNDING SOURCES: \$15,262,217

Notes:

FUTURE FUNDING REQUIREMENTS: \$0



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB23-012
January 23, 2023
Consent Agenda

Item 3.

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 <i>(Previously Approved)</i>	\$ (29,837)	\$ (29,837)
Current Available Budget	\$ 9,851	\$76,163
Value of this Amendment <i>(AB23-012)</i>	\$ (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.

CITY OF SNOQUALMIE
 AGREEMENT FOR CONSULTANT SERVICES
 Amendment No. 4
 Lift Station Improvements

This Amendment No. 4 to Agreement for Consulting Services is entered into this ____ day of January, 2023 by and between the City of Snoqualmie, a Washington municipal corporation (“City”) and RH2 Engineering, Inc., a Washington corporation (“Consultant”). City and Consultant are collectively referred to herein as “the Parties.”

WHEREAS, the City and Consultant previously entered into an Agreement for Consultant Services on January 29, 2022 (“Agreement”), which provided for Consultant to complete design of the 2020 Lift Station Improvements; and

WHEREAS, on May 26, 2020, Council approved Amendment No. 1 to the Agreement that included geotechnical and permitting services; and

WHEREAS, on November 23, 2020, Council approved Amendment No. 2 to the Agreement that included services during construction at Lift Station 2 and additional permitting services; and

WHEREAS, on May 10, 2021, Council approved Amendment No. 3 to the Agreement that included services during bidding and construction at Railroad Avenue Lift Station; and

WHEREAS, the City has requested Consultant to provide additional services including services during construction and equipment commissioning at the Railroad Avenue Lift Station Improvements Project; and

WHEREAS, Consultant has the resources and capability to perform this work and has provided a scope of work and an hour and fee estimate for such additional work;

NOW, THEREFORE, the parties herein do mutually agree as follows:

Section 1. Scope of Work Amended. Exhibit A (“Scope of Work”) to the January 29, 2022 Agreement is hereby amended to add the additional work tasks set forth in Exhibit A to this Amendment No. 4.

Section 2. Compensation Amended. Section 2 of the January 29, 2022 Agreement (“Compensation”) is hereby amended to increase the total compensation to be paid Consultant for the work from \$366,126.00 to \$390,626.

Section 3. Exhibit B (“Compensation”) Amended. Exhibit B to the January 29, 2022 Agreement is hereby amended to add the additional compensation and fee details set forth in Exhibit B to this Amendment No. 4.

CITY OF SNOQUALMIE,
WASHINGTON

By: _____

Its: Mayor

Date: _____

CONSULTANT – RH2.

By: _____

Typed/Printed Name: _____

Its: _____

Date: _____

ATTEST:

Deana Dean, City Clerk

Date: _____

APPROVED AS TO FORM:

Bob C. Sterbank, City Attorney

Date: _____

EXHIBIT A
Scope of Work
Amendment No. 4
City of Snoqualmie
Lift Station Improvements
Lift Station No. 1 Services During Construction
January 2023

Background

The City of Snoqualmie (City) retained RH2 Engineering, Inc., (RH2) to provide services during construction (SDC) for the Lift Station No. 1 (LS1) Force Main Improvements. Construction of the proposed improvements is nearing completion, but RH2's level of involvement was higher than originally anticipated. There also were additional tasks that were not included as part of the original SDC contract as outlined in Amendment No. 3. This Amendment No. 4 addresses the remaining SDC necessary to complete the work related to the LS1 force main improvements.

Task 1 – LS1 Force Main Improvements Additional Services During Construction

Objective: Provide additional engineering services and construction support during construction for the LS1 force main improvements and generator installation to the level of effort stated in the Fee Estimate.

Approach:

- 1.1 Provide additional construction support by responding to the contractor's questions and requests for information (RFIs) and providing construction consultation and updates to the design via Field Directives.
- 1.2 Provide additional engineering services and field support for the generator installation. Originally, the generator was planned to be installed by the City. Currently, the generator will be installed by the contractor.
- 1.3 Provide engineering services and support during the failure of Pump No. 1. Provide assistance in selecting temporary pumping to provide pump redundancy at LS1.
- 1.4 Provide additional startup and commissioning support for the commissioning of Pump No. 1.

Assumptions:

- *The City will continue to be the primary point of contact for the general contractor during construction and provide most construction observation and all direction to the contractor.*

Provided by City:

- Primary point of contact for the general contractor and generator electrician, and perform most construction observations.

RH2 Deliverables:

- Written responses to contractor questions and RFIs, and preparing Field Directives in PDF format.
- Attendance and support during the failure of Pump No. 1.
- Attendance at additional startup and commissioning for Pump No. 1.

Task 2 – Management Reserve

Objective: Provide supplemental services as requested by the City.

Approach:

2.1 Provide supplemental services as requested and authorized by the City. Submit a budget estimate for supplemental services requested by the City. The City shall provide written authorization to proceed with any supplemental services.

RH2 Deliverables:

- Budget estimate for supplemental services in PDF format.
- Other deliverables as requested by the City under the authorization for any supplemental services.

Revised Project Schedule

This amendment revises the project schedule in Exhibit A of Amendment No. 3. RH2 will provide these additional services through June 30, 2023, unless otherwise mutually agreed upon by the City and RH2.

EXHIBIT B**Scope of Work****Amendment No. 4****City of Snoqualmie****Lift Station Improvements****Lift Station No. 1 Services During Construction****Jan-23**

Description		Total Hours	Total Labor	Total Expense	Total Cost
Task 1	LS1 Force Main Improvements Additional Services During Construction	86	\$ 15,846	\$ 2,154	\$ 18,000
1.1	Provide additional construction support responding to questions and RFIs	14	\$ 2,646	\$ 336	\$ 2,982
1.2	Provide additional engineering services and support for generator install	34	\$ 6,248	\$ 1,269	\$ 7,517
1.3	Provide engineering services and support during Pump No. 1 failure	20	\$ 3,788	\$ 287	\$ 4,075
1.4	Provide additional startup and commissioning support for Pump No. 1	18	\$ 3,164	\$ 262	\$ 3,426
Task 2	Management Reserve	-	\$ -	\$ 6,500	\$ 6,500
2.1	Provide supplemental services as requested by the City	-	\$ -	\$ 6,500	\$ 6,500
PROJECT TOTAL		86	\$ 15,846	\$ 8,654	\$ 24,500

EXHIBIT C RH2 ENGINEERING, INC. 2022 SCHEDULE OF RATES AND CHARGES		
RATE LIST	RATE	UNIT
Professional I	\$158	\$/hr
Professional II	\$173	\$/hr
Professional III	\$190	\$/hr
Professional IV	\$205	\$/hr
Professional V	\$220	\$/hr
Professional VI	\$234	\$/hr
Professional VII	\$251	\$/hr
Professional VIII	\$261	\$/hr
Professional IX	\$261	\$/hr
Control Specialist I	\$143	\$/hr
Control Specialist II	\$156	\$/hr
Control Specialist III	\$171	\$/hr
Control Specialist IV	\$186	\$/hr
Control Specialist V	\$198	\$/hr
Control Specialist VI	\$212	\$/hr
Control Specialist VII	\$228	\$/hr
Control Specialist VIII	\$237	\$/hr
Technician I	\$120	\$/hr
Technician II	\$131	\$/hr
Technician III	\$148	\$/hr
Technician IV	\$160	\$/hr
Technician V	\$175	\$/hr
Technician VI	\$191	\$/hr
Technician VII	\$207	\$/hr
Technician VIII	\$218	\$/hr
Administrative I	\$78	\$/hr
Administrative II	\$92	\$/hr
Administrative III	\$111	\$/hr
Administrative IV	\$131	\$/hr
Administrative V	\$149	\$/hr
CAD/GIS System	\$27.50	\$/hr
CAD Plots - Half Size	\$2.50	price per plot
CAD Plots - Full Size	\$10.00	price per plot
CAD Plots - Large	\$25.00	price per plot
Copies (bw) 8.5" X 11"	\$0.09	price per copy
Copies (bw) 8.5" X 14"	\$0.14	price per copy
Copies (bw) 11" X 17"	\$0.20	price per copy
Copies (color) 8.5" X 11"	\$0.90	price per copy
Copies (color) 8.5" X 14"	\$1.20	price per copy
Copies (color) 11" X 17"	\$2.00	price per copy
Technology Charge	2.50%	% of Direct Labor
Mileage	\$0.6250	price per mile (or Current IRS Rate)
Subconsultants	15%	Cost +
Outside Services	at cost	



SEWER CAPITAL PROJECT OR PROGRAM

RAILROAD PL. LIFT STATION IMPROVEMENT PROJECT

CIP Project ID: SWR19002CIP

Previously Spent: \$879,380

Department: Sewer

Current Project Budget: \$985,380

Project Status: Construction

Original Budget at CIP Inception: \$234,674

Project Location: Railroad Place Lift Station

Years Project in CIP: 5

Project Contact: Jeff Hamlin

Contact Email: jhamlin@snoqualmiewa.gov

Project Description:

This project will upgrade essential components of the Railroad Pl. Lift Station and upsize an existing force main with a 12" diameter force main. Run time and flow meter data indicates that the station runs continuously for multiple hours during peak non-flood flows. Based on the results of modeling, it is estimated that flows to this lift station will reach 1,975 gallons per minute (gpm), and this project accounts for those future growth projections.

Photo or Map:



Community Impact:

Based on results of system modeling, it is estimated that the flow to this lift station over the next decade will exceed its current capacity. Lift station improvements will provide additional capacity to address mandated growth projections for the downtown area.

Operating Impact:

This project is not expected to impact the operating budget.

Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2023	2024	2025	2026	2027	2028	2029 or Beyond
Analysis	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	15%	\$ 147,791	\$ 147,791	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	82%	\$ 812,397	\$ 710,908	\$ 101,489	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Const. Manage	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Labor	2%	\$ 24,511	\$ 20,000	\$ 4,511	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	0%	\$ 681	\$ 681	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	100%	\$ 985,380	\$ 879,380	\$ 106,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$985,380

TOTAL OPERATING BUDGET: \$0

Anticipated Funding Mix:

Source	Total Sources	Previously Allocated	2023	2024	2025	2026	2027	2028
Utility Fees ("Rates")	\$ 985,380	\$ 879,380	\$ 106,000	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 985,380	\$ 879,380	\$ 106,000	\$ -	\$ -	\$ -	\$ -	\$ -

Fiscal

This project covers WW3 in the General Sewer Plan.

TOTAL FUNDING SOURCES: \$985,380

Notes:

FUTURE FUNDING REQUIREMENTS: \$0



Lift Station 1 Force Main Improvements Project Update

January 18, 2023

Parks & Public Works

Lift Station 1 Fun Fact



Purpose of the Lift Station 1 Improvements

- Added capacity for future flow projected through year 2040.
- Added resilience to the second largest lift station.
- 25% capacity increase achieved eliminating restrictions in the force main.

Table 1

Approximate Velocities in the Existing Force Main at Applicable Flow Rates

	Velocity in Existing Force Main	Recommended Maximum Velocity
1,800 gpm	7.4 fps	8 fps
2,000 gpm	8.2 fps	
2,150 gpm	8.8 fps	

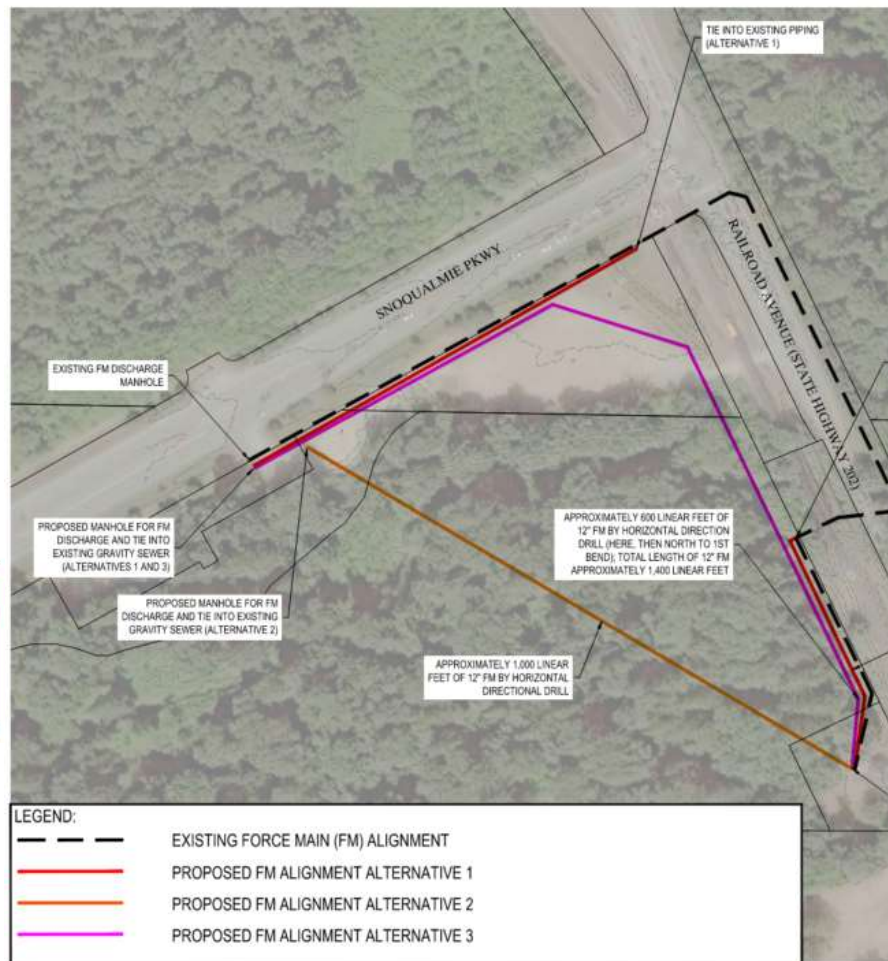


FIGURE 1: PROPOSED FORCE MAIN (FM) ALIGNMENT ALTERNATIVES SCHI

New Force Main Construction

- 1,000 feet of 12-inch diameter pipe installed using trenchless construction methods
- A new flow meter & access port
- No service interruptions
- Completed under original contract
- https://youtu.be/R2cdmjQXk_Y



Questions





Re+ Pledge

Climate Change is an urgent challenge, with far-reaching current and future impacts to our environment, public health, and economy. King County's Re+ program aims to divert recoverable material from the landfill which will reduce greenhouse gas emissions and contribute to a circular economy. Based on the 2019 Waste Characterization study up to 70% of what ends up in our landfill could be composted, reused and recycled. Reclaiming these items and repurposing them through recycling or composting will help us reach King County's zero waste goals.

Implementing Re+ will ensure that we are keeping true to our commitments to reduce climate impacts, conserve resources, and create a healthier environment for our communities by keeping valuable materials out of the landfill and in use as long as possible.

Re+ is a roadmap for making that change.

Our approach aims to reinvent the current waste management system to be more resilient, equitable, and cost-effective through strategies necessary to meet our 2030 goal of zero food waste and zero waste of reusable resources.

Key actions include identifying new ways of processing organics and recycling, developing recycling markets for organics, paper and plastic, and a community panel to engage historically underrepresented and adversely impacted community members to help guide future outcomes. These new markets will create local jobs in the private sector, help build the green economy and ensure a just and equitable impact on the members of our community.

Re+ builds on the important work that many of our partners, including cities, the Port of Seattle, businesses, non-profits, community members, and the County are already doing to reduce contributions to climate change.

WHEREAS, climate change is an urgent challenge, with far-reaching current and future impacts to our environment, public health, and economy; and

WHEREAS, greenhouse gas (GHG) emissions generated globally from the production, transport, use, and disposal of goods, foods, and services consumed in King County are a major part of our communities' climate footprint and are more than locally generated GHG emissions; and

WHEREAS, King County and K4C partners are measuring, reporting, and developing new strategies to reduce consumption-related GHG emissions; and

WHEREAS, supporting the Re+ effort will help focus our joint effort and responsibility to make progress toward reducing local GHG emissions by increasing waste prevention and recycling, laying the foundation for developing a circular economy; and

WHEREAS, we recognize that the success of Re+ will require collaboration between King County, local jurisdictions, tribes, businesses, community-based organizations, and others; and

WHEREAS, the Re+ Program is consistent with, consolidates, and accelerates progress towards achieving the approved goals and strategies of the 2020 Strategic Climate Action Plan, the 2019 Comprehensive Solid Waste Management Plan, and the Joint Climate Action Commitment of the King County Cities Climate Collaborative (K4C) in relation to the County's zero-waste goals; and

WHEREAS, we will work with the County to identify ways to enhance our efforts to achieve the vision of Re+ with implementation support from the County including competitive grants, model language for countywide program and policy implementation, and technical support; and

WHEREAS, as a core component of this important work we must engage in ways that are fair, equitable and inclusive for those who are historically under-represented and have been disproportionately impacted by the status quo in our communities.

Now, therefore, we pledge our support for the shared vision that Re+ represents and look forward to collaborating to see this vision become reality.

Signed this 9th day of January, 2023 by

Katherine Ross, Mayor

on behalf of

City of Snoqualmie, Washington



Alternate Formats Available
206-477-4466 • TTY Relay 711

Re

**King County**
Department of
Natural Resources and Parks
Solid Waste Division

Waste
Prevention

Resource
Recovery

Waste
Disposal

King County Solid Waste Division

Mission

Reducing single use
Reusing everything that can be
Recycling what's left
Renewing communities
Rethinking what's possible

Vision

Healthy, safe, and thriving communities
in a waste-free King County



Re+ is a call to action

Strategic Climate Action Plan

1 .3 .3 - The Department of Natural Resources and Parks (...) shall achieve at minimum net carbon neutrality on an annual, ongoing basis

5 .1 .1 - Deliver zero waste of resources plan (ZWORP)

5 .1 .3 - Zero food waste in landfill in 2030

KC County Code

10.14.020 County goals.

It is King County's goal to achieve zero waste of resources by 2030 through maximum feasible and cost-effective prevention, reuse and reduction of solid wastes going into its landfills and other processing facilities.

KC Equity and Social Justice Strategic Plan

Vision: A King County where all people have equitable opportunities to thrive.

"(O)ur investments (...) should assess and address disproportionate environmental burdens and promote the equitable access to environmental benefits and resulting economic opportunities."

K4C Commitment

Develop a regional strategy through the adopted 2019 Comprehensive Solid Waste Management Plan to reach zero waste of resources by 2030

Comprehensive Solid Waste Management Plan

Several policies and actions in the Comp Plan support Re+ actions

RE+ Program Support

After an introductory statement, residents are widely supportive of the Re+ program.

As part of efforts to address climate change, the government of King County has set a goal to cut the amount of recyclable or reusable materials that are being sent to the landfill by 2030 by 70%. To help achieve that goal, the County has developed a waste reduction program known as "RE+," to invest in a variety of programs, technologies, and facilities to achieve this goal.

In general, do you strongly support, somewhat support, somewhat oppose, or strongly oppose the concept of the RE+ program?

Support 63%

Somewhat 20%

Strongly 42%

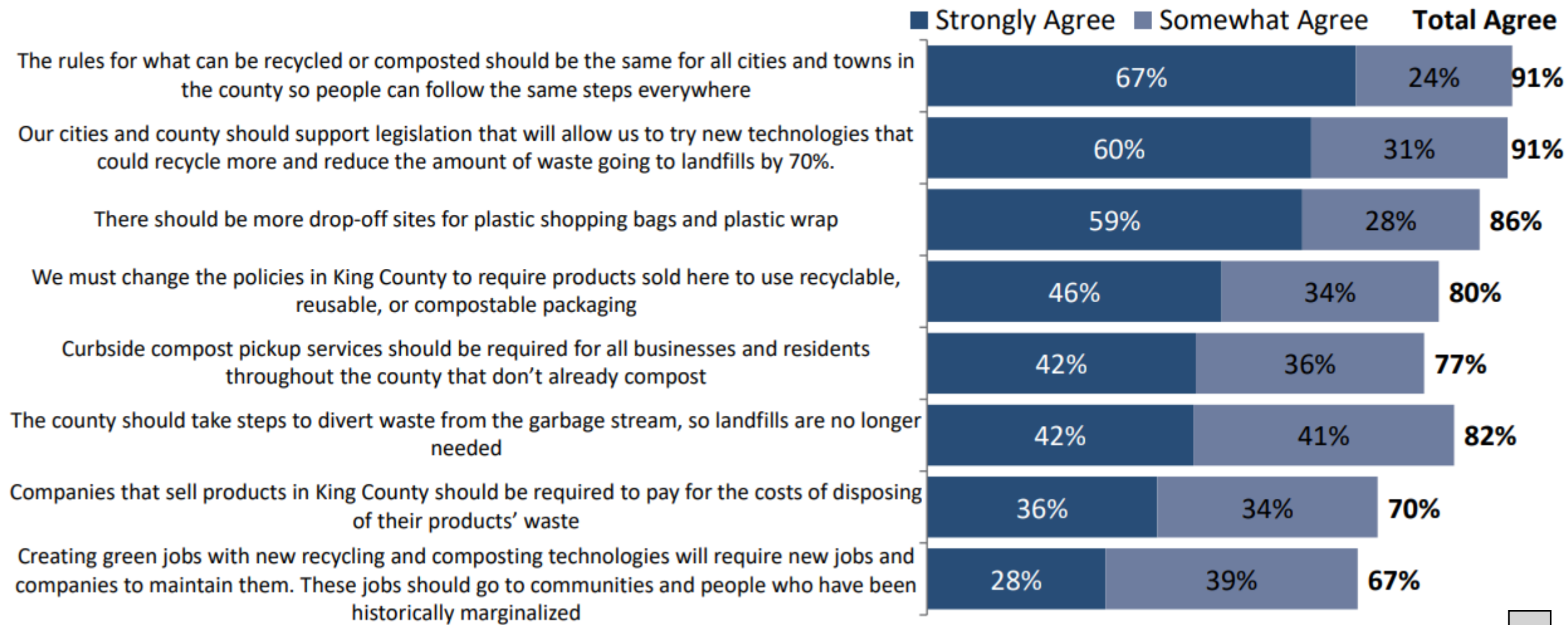
Oppose 8%

Somewhat 3%
Strongly 4%

Haven't heard of/ (Don't know) 29%

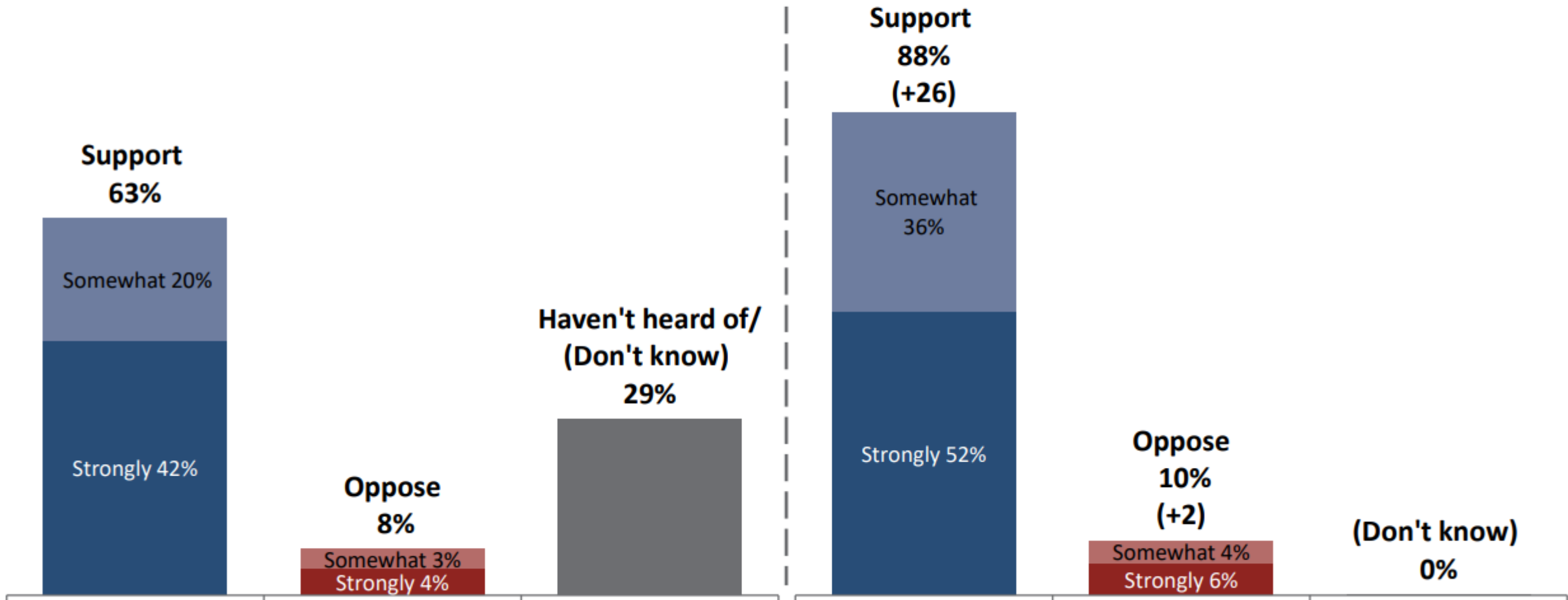
RE+ Program Statements Test

At least two-thirds agree with all of these statements, indicating general support for the Re+ concept on a wide range of potential program elements.



Support After Program Components

After providing additional information about the Re+ program, support for Re+ increases to nearly 90%.



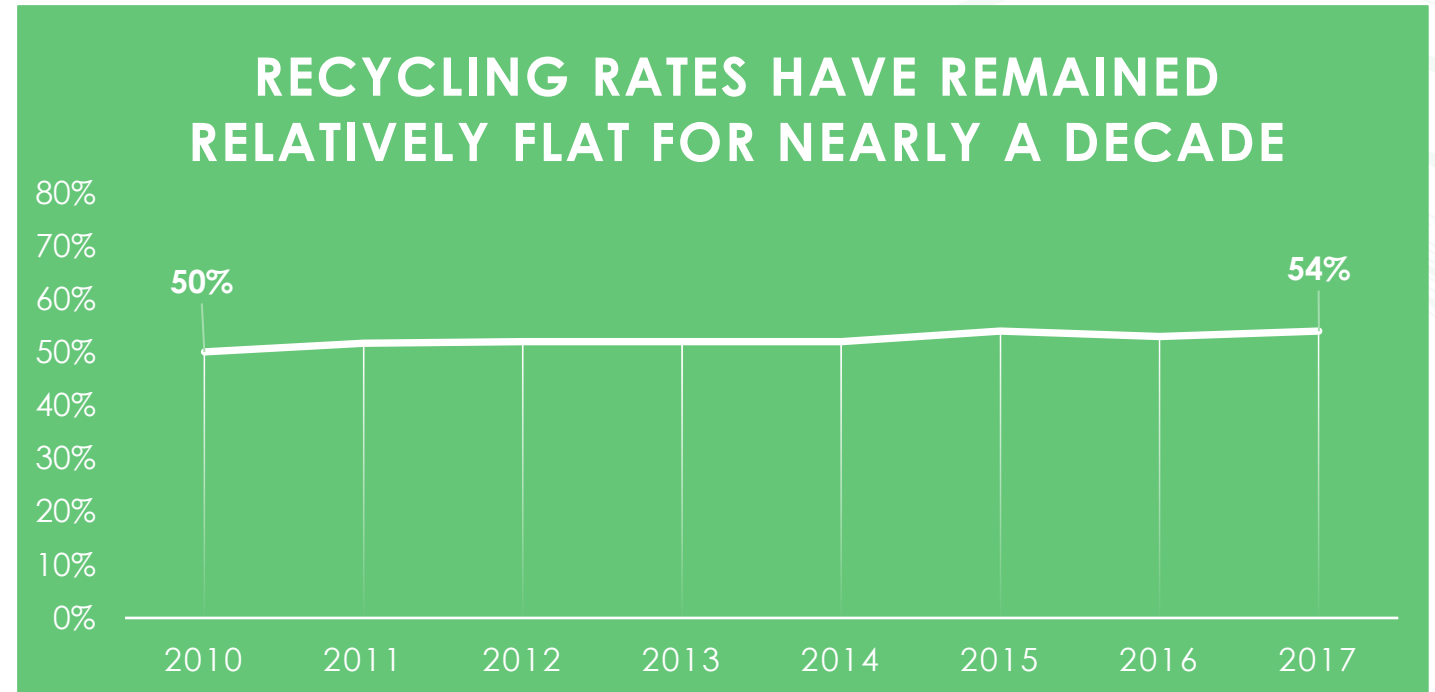
Q33/41. After hearing all of this... Would you say you strongly support, somewhat support, somewhat oppose, or strongly oppose the RE+ program?

Where is King County leading?

- Curbside collection of non-organic recyclables
- C&D Recycling
- Yard waste collection

Where is King County lagging?

- Weekly organics & recycling collection
- Extended Producer Responsibility
- Banning food waste heading to landfill



What does ZERO WASTE of RESOURCES look like?

**465,000
TONS**
LESS WASTE


1 MILLION
MORE TREES




RECOVERED FOOD FOR
92,000
PEOPLE




500+
GREEN
JOBS
CREATED



24 MILLION
FUTURE
DISPOSAL
COST
AVOIDANCE



150,000
FEWER
BARRELS OF
OIL BURNED



Organics (28% of landfill)

WA State Organics Legislation

- Diversion potential: 110,000 tons/yr
- GHG reduction: 67,000 MTCO₂e/yr

Single Family Organics Collection

- Diversion potential: 14,000 tons/yr
- GHG reduction: 6,000 MTCO₂e/yr

Non-Residential Food Waste Recycling

- Diversion potential: 50,000 tons/yr
- GHG reduction: 15,000 MTCO₂e/yr

Plastic, Paper, and Other Materials (26% to landfill)

Extended Producer Responsibility (EPR) for Packaging and Paper Products (PPP)

- Diversion potential: 42,000 tons/yr
- GHG reduction: 75,000 MTCO₂e/yr

Mixed Waste Processing

- Diversion potential: 200,000 tons/yr
- GHG reduction: 141,000 MTCO₂e/yr

NextCycle Washington

- Impacts dependent on participants

Re+ Circular Economy Grants

- Impacts dependent on participants

Community

Community Panel

A group of community members that live, work, and volunteer in King County who will help guide SWD in the equitable implementation of Re+

Re+ City Grant Proposal

A competitive grant program for King County cities to access and accelerate regional Re+ transformation

City-County Collaboration

Coordination and collaboration between King County and its cities to maximize zero waste impacts and standardize waste and recycling guidelines

Estimated Impacts from Fast Start Actions

Diversion potential – **300k – 400k** tons per year within King County

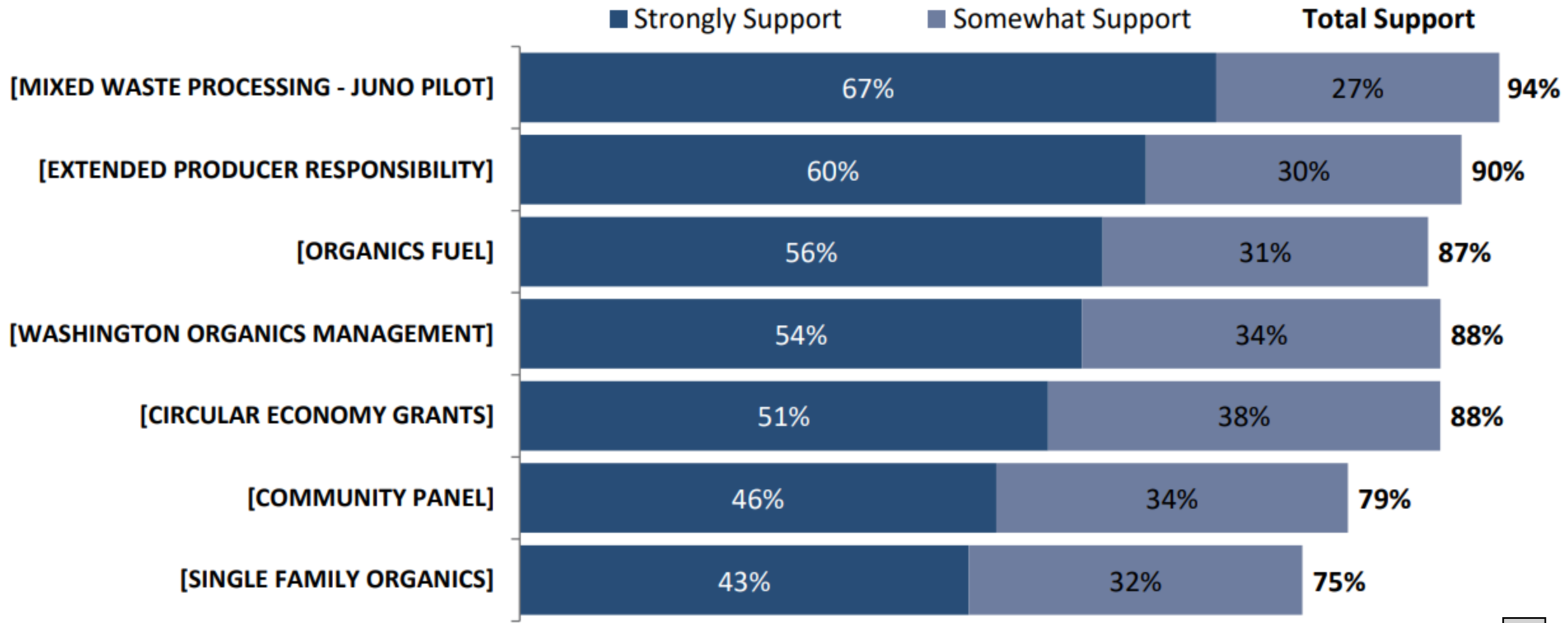
GHG reduction Estimate – **200k – 300k** MTCO₂e annually

Other Considerations

- Increased spending to implement actions will increase rates
- Behavior change
- Increase in “green jobs” to process more recyclables

Program Components

Mixed waste processing and EPR may be the most supported parts of the Re+ program, but all program components resonate strongly and widely with King County residents.



Thank You!

For additional information please contact:

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