



**King County**

Department of Natural Resources and Parks  
**Wastewater Treatment Division**

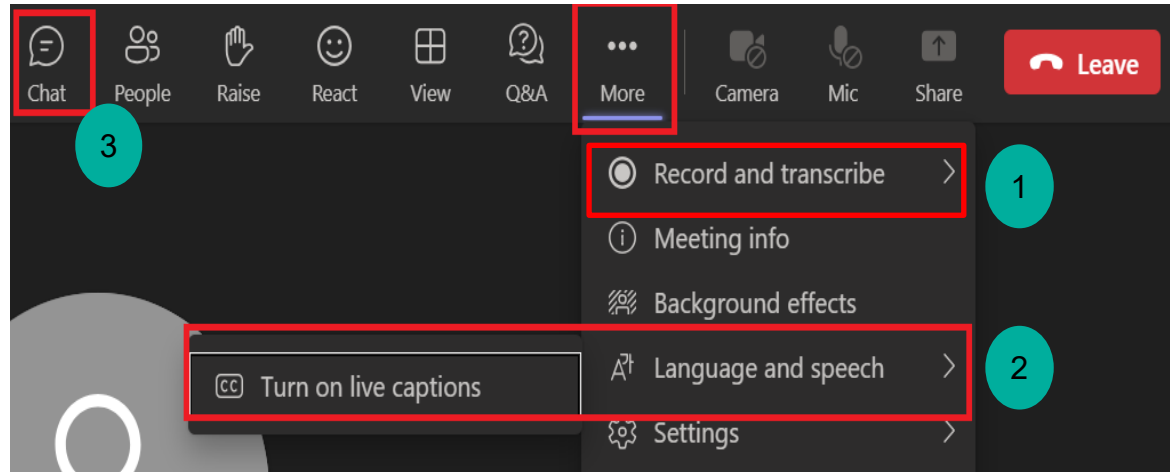
# Informational Open House: Upcoming Contracting Opportunities



**WELCOME**

# Microsoft Teams

1. Meeting is being recorded and will be posted online with this presentation in coming days
2. Closed captions available
3. Submit questions through the chat and someone will respond via chat or live during Q&A portion.



# Agenda

- Background
- Project Overviews
  - Program Manager/Owner Advisor (Multiple Contracts)
  - Black Diamond Trunk Capacity Upgrade
  - Elliott West Wet Weather Treatment Station
  - West Point Raw Sewage Pump & Grit Replacement
  - Interbay Force Main and Odor Control Facility
  - Mouth of Duwamish CSO Control Program Update
- Procurement Requirements
- BDCC-Equity in Contracting
- Q&A



# BACKGROUND

# Background

WTD's capital program is growing and will double in size within the next three years. This will continue to create ongoing contracting opportunities of all types. As such, WTD will be holding quarterly outreach events with the consulting and construction community.

- Quarterly outreach events will follow the following format:

## **Virtual Open House on Upcoming Opportunities**

- WTD staff will discuss upcoming opportunities and highlight the project and contracts expected to advertise in the next 6 to 12 months

## **In-Person Contractor/ Consultant Networking Event**

- Opportunity to connect (SCS/MBE/WBE) Subcontractors with Prime
- Contractors and Consultants interested in Prime contracting opportunities with WTD are expected to participate in this event.

## **1:1 Project Team Meetings**

- Meet with WTD staff to learn about specific projects

Note: Additional information and registration for outreach events can be found at WTD's [Upcoming Contract Opportunities](#) page

# Quarterly Consultant/ Contract Outreach 2023

## June 20th- Virtual Open House on Upcoming Opportunities

- WTD staff will discuss upcoming opportunities and highlight the project and contracts expected to advertise in the next 6 to 12 months

## August 9th- In-person Contractor Networking Event

- Located at TABOR 100  
7100 Fort Dent Way, Suite 100 Tukwila, WA 98188
- Participation in this event may be listed on innovation plans

## September 18th-29th 2023- 1:1 Project Team Meetings

- 30 minute meetings with WTD staff based on interested project
- Multiple meetings can be reserved
- Number of meetings based on interest

Please visit WTD's [Upcoming Contract Opportunities](#) page for additional information and to register for outreach events.

# Estimated Procurement Schedule for Highlighted Projects

	Schedule by Contract Type				
	Engineering Services RFP	Owner Advisory Services RFP	Anticipated PRC Approval	GC/CM RFP	DBB ITB
Black Diamond Trunk Capacity Upgrade	Q2 2023		Q1 2024	Q2 2024	
Elliott West Wet Weather Treatment Station			Q4 2023	Q1 2024	
WPTP RSP & Grit Replacement					Q1 2024
Interbay Force Main					Q3 2023
Program Manager/ Owner Advisor		Q3 2023			



# Estimated Schedule for Upcoming Procurement Opportunities - Next 90 Days

Project	Est. \$	Target Advertisement	Contract Type	Contract Subtype
Food Waste Recycling Alternatives Analysis	\$1M	6/22/2023	A/E, Prof. Svcs	Project Specific
Black Diamond Trunk Capacity Upgrade - Design Services for GC/CM Alt Delivery - Ann Fowler		7/1/2023	A/E, Prof. Svcs	Project Specific
Small Generators Replacement - Group 1 - Khaled El-Guindy	\$1.25M	7/10/2023	Construction	Project Specific
CCTV/Sonar and Laser Profiling Inspection of Tunnels & Pipelines - Carson Cox	\$3M	7/15/2023	Construction	Work Order/On-Call
WPTP and W Section Mechanical Construction WO 2024/2025 - Christina Vanburen	\$4M	7/20/2023	Construction	Work Order/On-Call
WPTP and W Section Electrical Construction WO 2024/2025 - Christina Vanburen	\$4M	7/20/2023	Construction	Work Order/On-Call
Control Panel for Nuvoda MOB Pilot	\$120K	7/20/2023	Goods and Services	Project Specific
Multidisciplinary Design and Technical Review		8/25/2023	A/E, Prof. Svcs	Work Order/On-Call
Civil/Structural Construction - Julie Suzuki	\$2M	8/28/2023	Construction	Work Order/On-Call
Interbay Conveyance and Odor Control - Ann Fowler	\$35.2M	9/1/2023	Construction	Project Specific
Alki Permanent Standby Generator - Zak Idan	\$6.7M	9/1/2023	Construction	Project Specific
Carkeek CSO Dechlorination System Replacement - Scott Mingus	\$1.9M	9/1/2023	Construction	Project Specific
South Plant Division Channel Relining - Bry Polk	\$1.0M	9/1/2023	Construction	Project Specific
South Plant Control Building Fire Protection and Alarm Systems - Stevn Larry	\$0.7M	9/1/2023	Construction	Project Specific
West Duwamish CSO Control - Construction Management - Maud De Bel		9/1/2023	A/E, Prof. Svcs	Project Specific
Black Diamond Trunk Capacity Upgrade - OA Services for GC/CM Alt Delivery - Ann Fowler		9/1/2023	A/E, Prof. Svcs	Project Specific
Electrical Construction - Julie Suzuki	\$2M	9/13/2023	Construction	Work Order/On-Call
Mechanical Construction - Julie Suzuki	\$1M	9/27/2023	Construction	Work Order/On-Call

# PROJECT OVERVIEWS



**PROGRAM  
MANAGER/OWNER  
ADVISOR  
(Multiple Contracts)**

# Background

WTD is shifting to program focused delivery approach centered on delivering project efficiently at our facilities. The following facility program have been established:

- **West Point Facility Program**
  - **South Plant Facility Program**
  - **Brightwater Facility Program**
  - **Offsite Program**
  - **CSO Program**
- WTD is be seeking a Program Manager/ Owner Advisor (PM/OA) consultant for three of the established facility program (WestPoint and CSO programs already have established Program Manager support)
  - Each of these programs includes multiple projects listed in our six-year capital improvements plan and will likely include several different delivery types.

# Potential PM/OA Scope of Services and Program Values

- Overall Program Management
- Program Delivery Strategy Development
- Program Traunch Development
- Sequencing and Schedule Development
- Program Cost Estimating
- Program Equity Planning
- Owner Advisor Serivices for projects within the programs utilizing a Collaborative Delivery method

Facility Program	Value in 6 Year CIP
Brightwater	\$350M+
South Plant	\$800M+
Offsite	800M+

# Procurement Information

- RFP's are anticipated in fall 2023
- Each program will likely have a separate RFP's but they may be advertised concurrently
- Consultants may choose to propose on multiple PM/OA opportunities. However, availability of proposed teams will be of utmost concern.
- Prime consultants interested in this opportunity will be expected to participate in the in person SCS/MBE/WBE Networking Event

Please visit WTD's [Upcoming Contract Opportunities](#) page for additional information and to register for outreach events.

# BLACK DIAMOND TRUNK CAPACITY UPGRADE

 Ann Fowler, PE, PMP  
Capital Project Manager, Assoc. DBIA

# Project Background and Need

- ◆ Need for increased capacity due to population growth
- ◆ City of Black Diamond Master Planned Development
  - ◆ Previously delayed
  - ◆ Now moving forward at a brisk pace
- ◆ Existing conditions
  - ◆ Phase 1 – ~4,500 LF of 15-16 inch pipe
  - ◆ Phase 2 – ~26,000 LF 10-15 inch pipe
- ◆ Two creek crossings

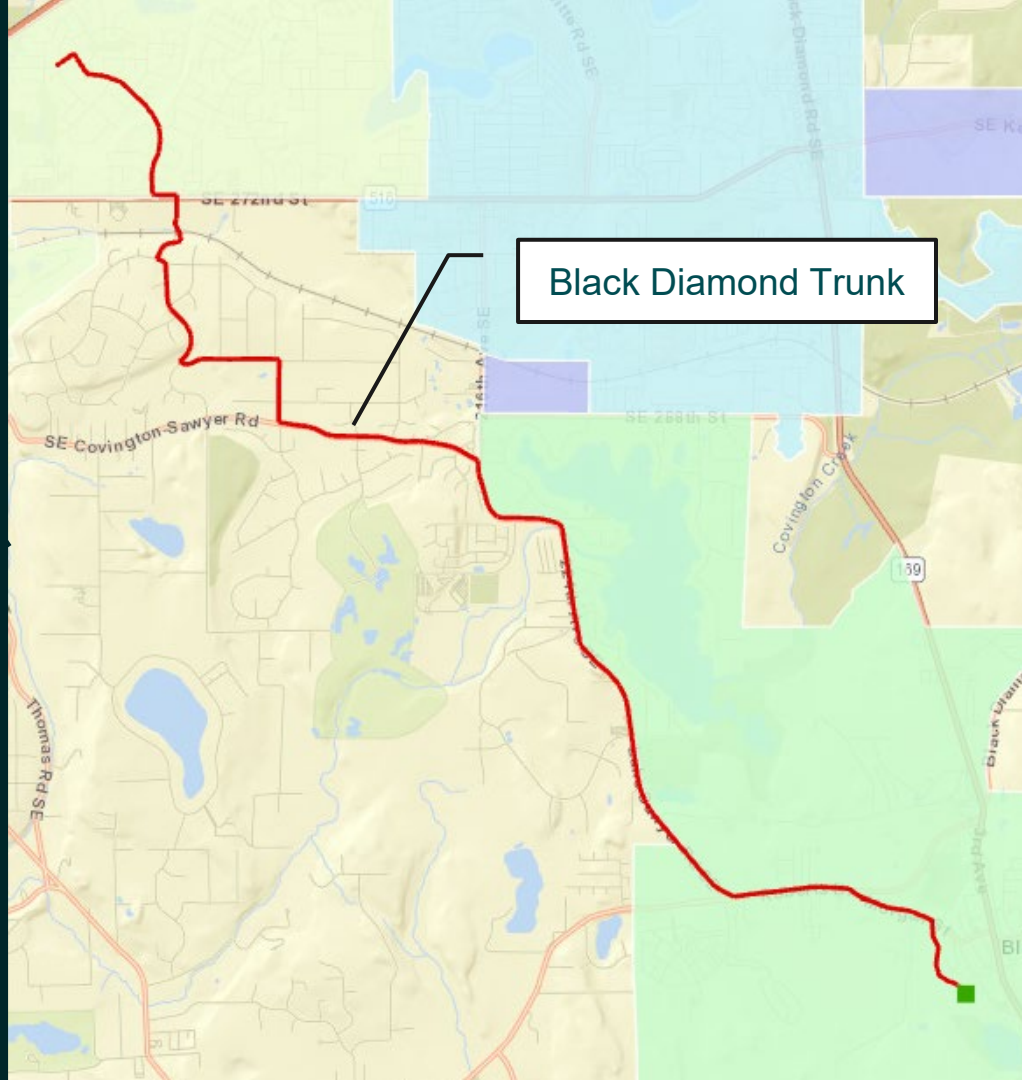
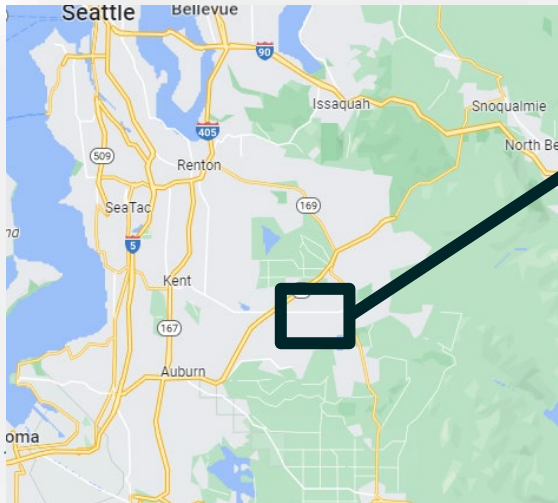


# Project Scope

- ◆ Reassess the alternatives analysis completed by Tetra Tech in 2015 and determine the best available alternative to provide the needed conveyance capacity for the contributing area.
  - ★ **Alternative 1**, Remove and replace the existing 10-16 inch pipeline with a larger one
  - ★ **Alternative 2**, Construct a parallel pipe which, in conjunction with the existing pipe, would provide the needed capacity
  - **Alternative 3**, Construct 500,000-gallon storage tank with downstream discharge
  - **Alternative 4**, Construct in-line detention (phase 1) to attenuate peak flows downstream (phase 2).
  
- ◆ Project Delivery planned using GC/CM Collaborative Delivery Method

# Project Area

- Located within the City of Black Diamond, City of Covington, and King County
- Sewer Service areas also include Soos Creek Water & Sewer District



# Project Schedule and Budget

Design Consultant Ad	Q2 2023
Owner Advisor/CM Ad	Q3 2023
Anticipated PRC Approval	Q1 2024
GC/CM Procurement	Q2 2024
Substantial Completion	Q4 2032
Final Acceptance	Q1 2033

## Estimated Contracts:

**Design: \$17M**

**OA/CM: \$10M**

**GC/CM: \$65M**

## Why GC/CM?

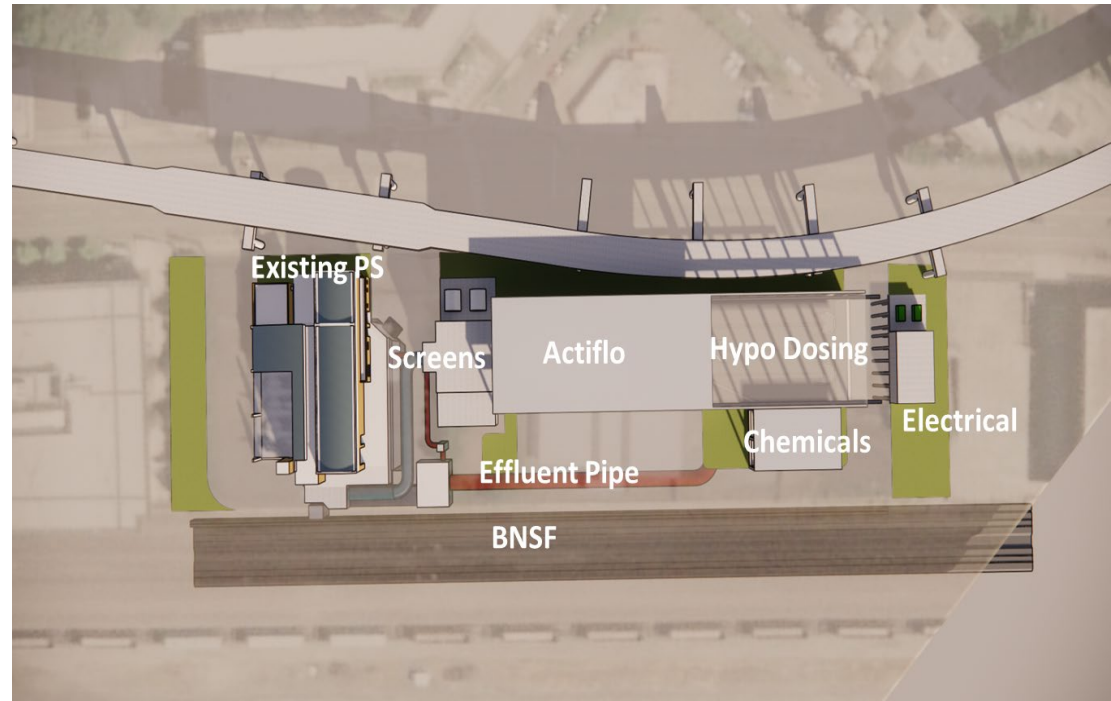
- ◆ Potential early work packages
- ◆ Parallel procurement efforts for the Owner Advisor and Design consultant
- ◆ Contractor procurement parallel with design efforts
- ◆ Early contractor involvement critical for scheduling, phasing, and constructability

# Elliott West Wet Weather Treatment Station

Rowena Johnson  
Project Manager

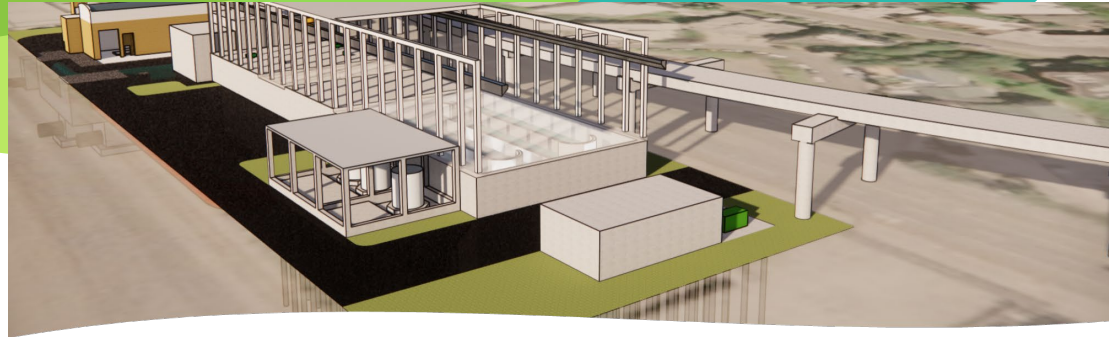
# Project Background and Need

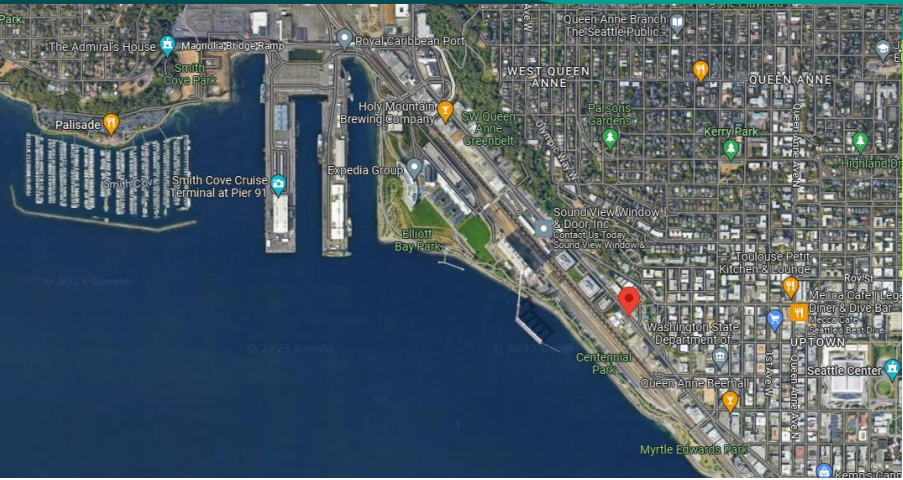
- ◆ Provides treatment of combined sewage and stormwater (CSO)
- ◆ Expansion of existing facility to comply with more stringent effluent standards
- ◆ New screens, treatment utilizing ballasted sedimentation, disinfection
- ◆ Developing Facility Plan for submittal to Department of Ecology
- ◆ Currently at ~5% design



# Project Scope

- ◆ General Contractor / Construction Management (GC/CM)
- ◆ Construction start circa 2027
- ◆ Significant geotechnical / yard work
- ◆ Expand electrical services
- ◆ Minor changes to existing pump station
- ◆ Add screens, ballasted sedimentation, disinfection (UV or hypochlorite)
- ◆ Chemical storage
- ◆ Possible outfall modifications tbd





# Project Area





# Project Schedule and Cost

	<b>Elliott West Wet Weather Treatment Station Schedule</b>
<b>Owner Advisor</b>	On Board (PMOA for CSO Program)
<b>Anticipated PRC Approval</b>	Q4 2023
<b>GCCM Advertisement</b>	Q1 2024
<b>GCCM NTP</b>	Q3 2024

**Estimated GCCM Contract Cost:**  
**\$200-250 million**

# Why GC/CM?

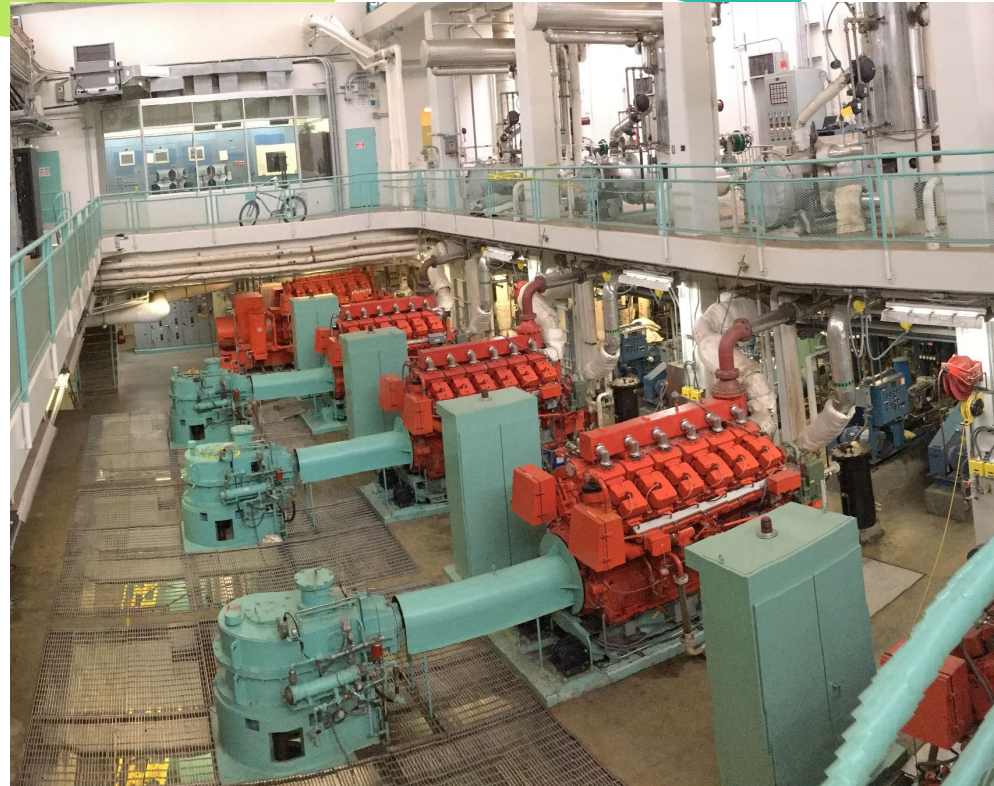
- ◆ Project is schedule driven
- ◆ Involves work on complex facility that must remain operational
- ◆ Project benefits from GGCM input on means and methods, cost estimating, innovative approaches to construction, work packaging, scheduling
- ◆ Long-lead equipment procurement
- ◆ Opportunities for early work packages (outfall mods, site prep)
- ◆ County staff has been trained / has experience with GCCM delivery

# WEST POINT TREATMENT PLANT RAW SEWAGE PUMP & GRIT CLASSIFIER REPLACEMENT

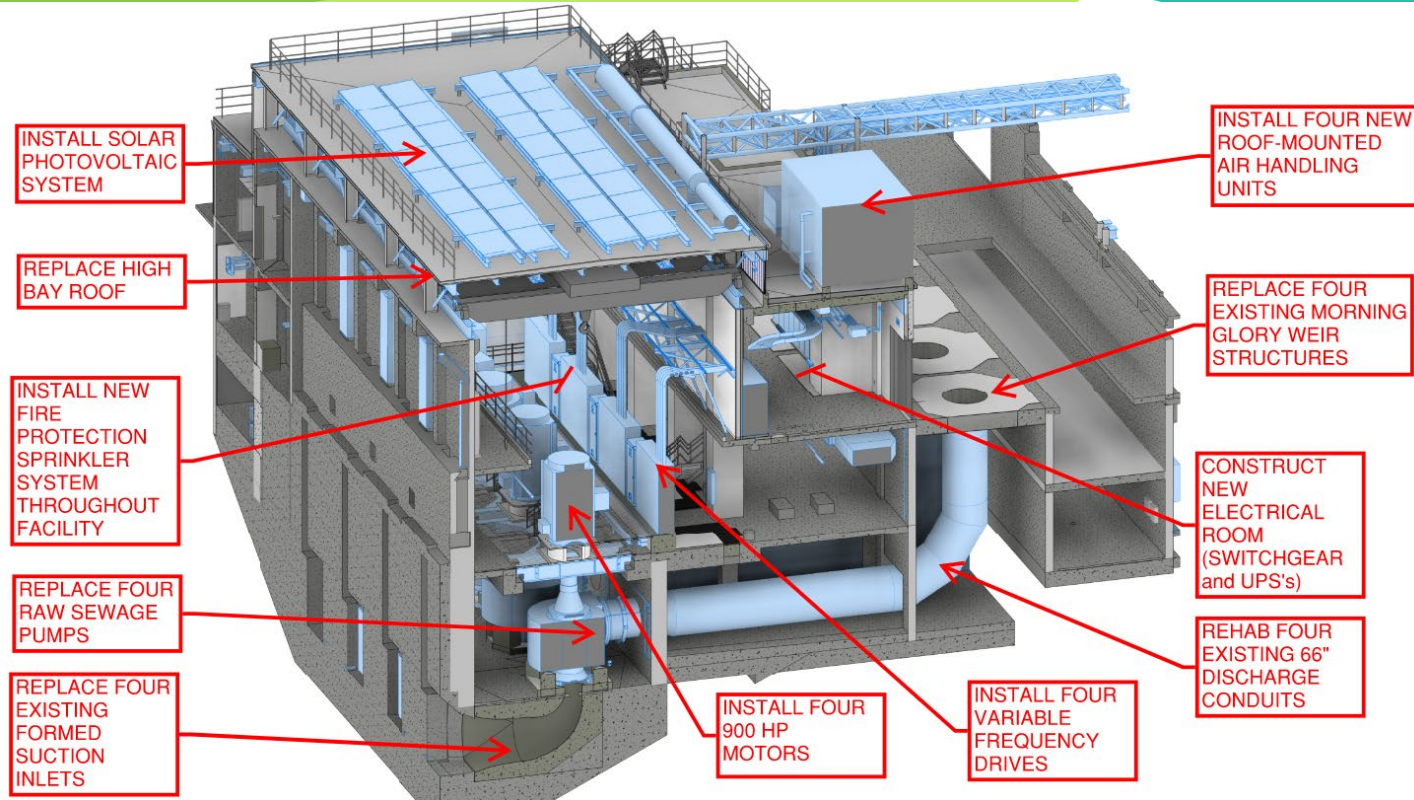
Mizan Rahman  
Project Manager

# Project Background and Need – Raw Sewage Pump

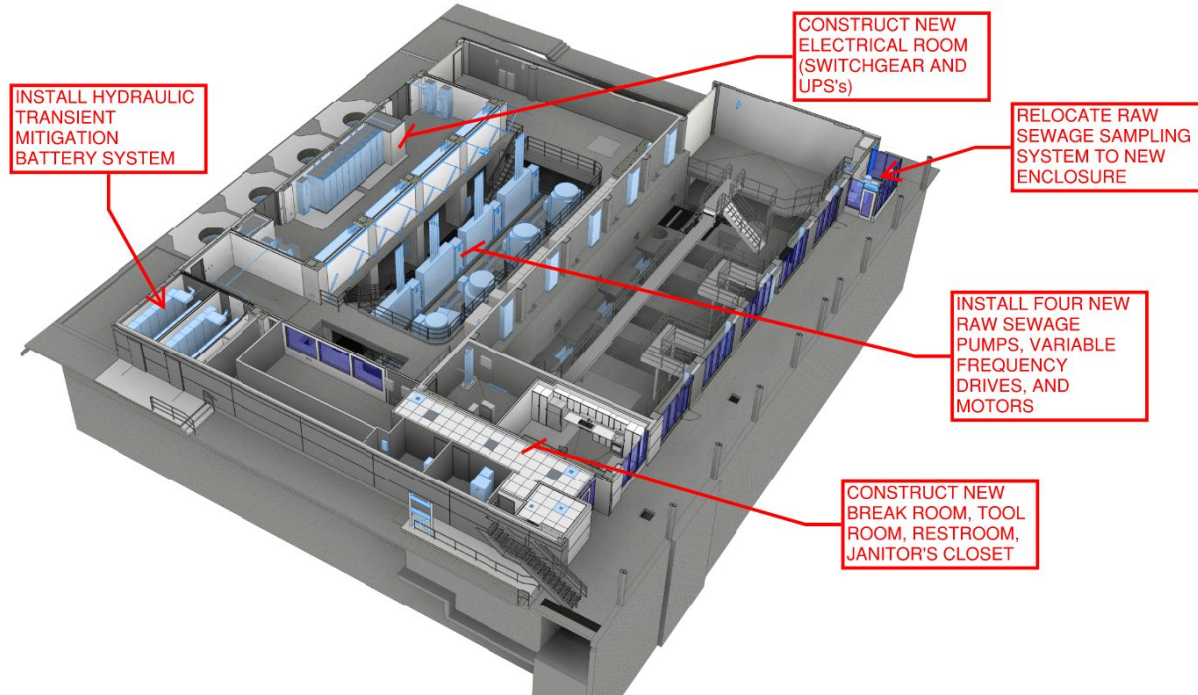
- ◆ Increase the firm capacity of the West Point Raw Sewage Pump (RSP) Station from 330 to 440 million gallons per day
- ◆ Replace existing aging engine driven pumps with motor driven pumps
- ◆ Replace aging boilers with more appropriately sized boilers
- ◆ Structural, architectural, mechanical, electrical, HVAC, plumbing, I&C modifications



# Scope – Raw Sewage Pump



# Scope – Raw Sewage Pump

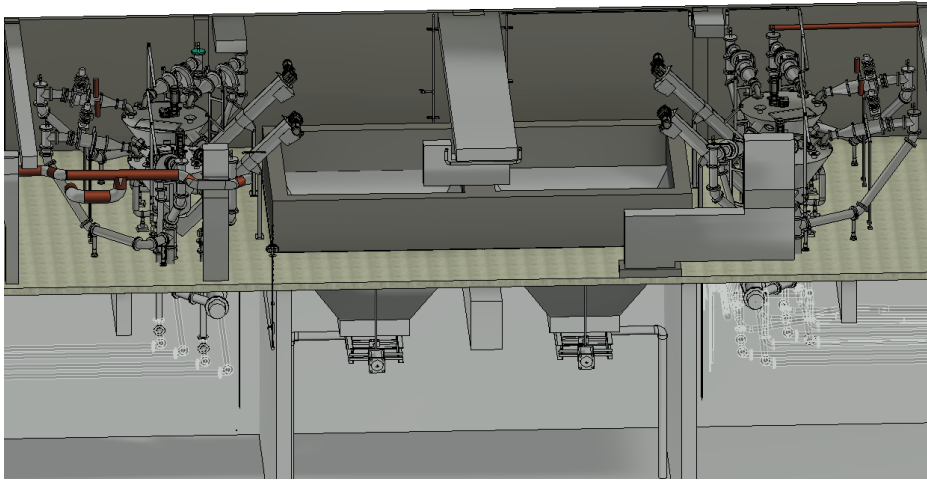


# Project Background and Need – Grit Classifier

- ◆ Four Grit Classifiers have been in service since the 1960's
- ◆ Equipment (classifiers, cyclones, piping, HVAC) at end of useful life
- ◆ Grit process considered critical equipment in limiting carryover to digesters



# Project Scope – Grit Classifier

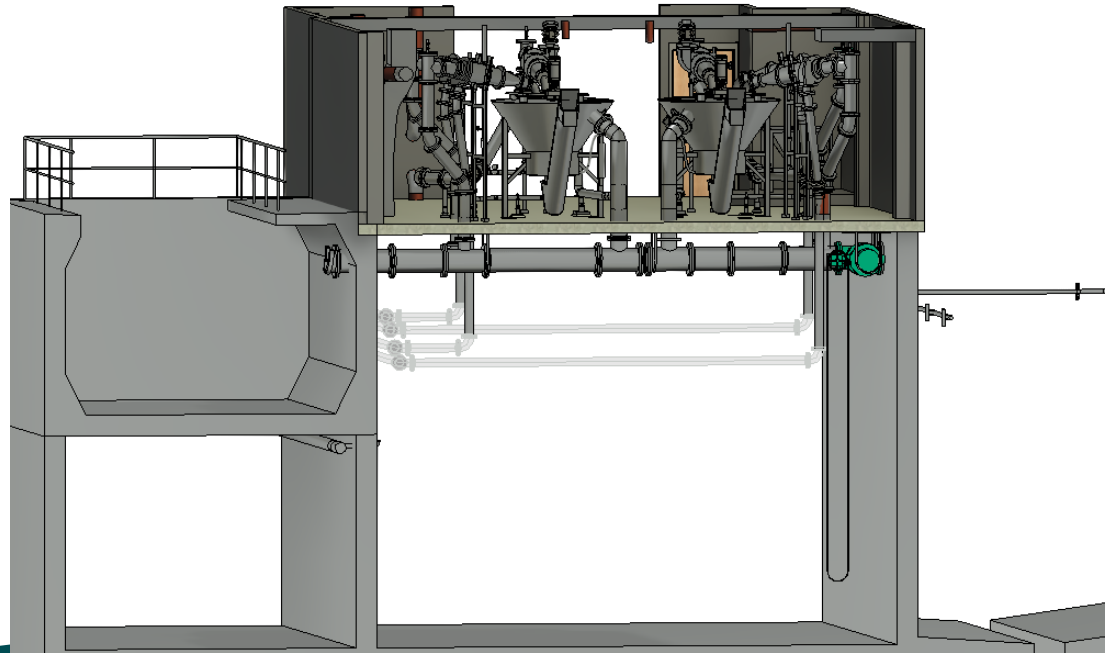


- ◆ During Summer, half the primary facilities will be out of service
  - ◆ allowing for two classifiers to be removed and replaced at a time
- ◆ Demo existing classifiers, cyclones, piping, HVAC, & hopper gates
- ◆ Install new washing classifiers, cyclones, piping, HVAC and hopper gates
- ◆ Install new electrical, instrumentation, and controls

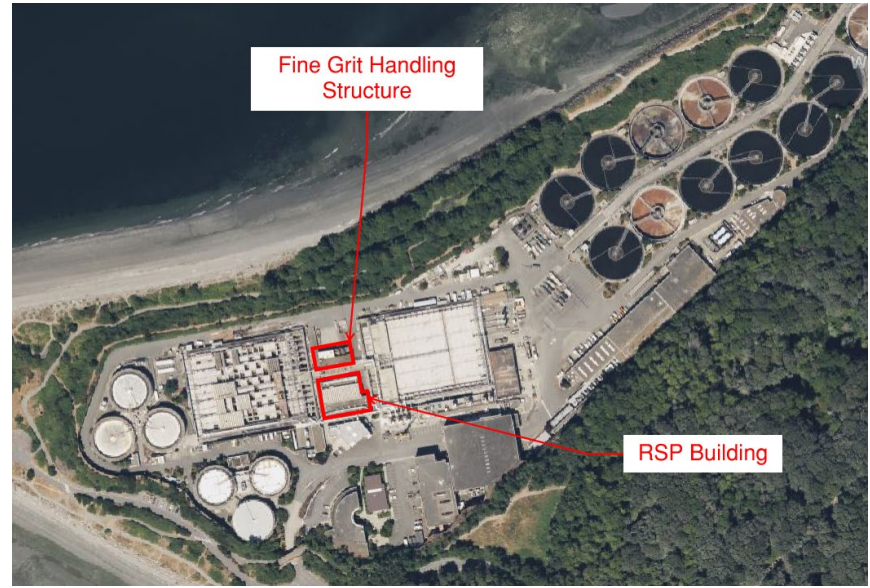


# WPTP Coordination

- ◆ Coordination with operations will be critical
- ◆ Active treatment plant needs to remain in service at all times.
- ◆ Shutdown plans required



# Project Area



# RSP & Grit Project Schedule and Budget

	PROJECT SCHEDULE
<b>Bid Advertisement</b>	Q1 2024
<b>Construction NTP</b>	Q2 2024
<b>Substantial Completion</b>	Q3 2029
<b>Final Acceptance</b>	Q1 2030

**Estimated total  
construction cost:  
\$140 million**

# INTERBAY CONVEYANCE AND ODOR CONTROL FACILITY

**Ann Fowler, PE, PMP**  
Capital Project Manager, Assoc. DBIA

# Project Background and Need

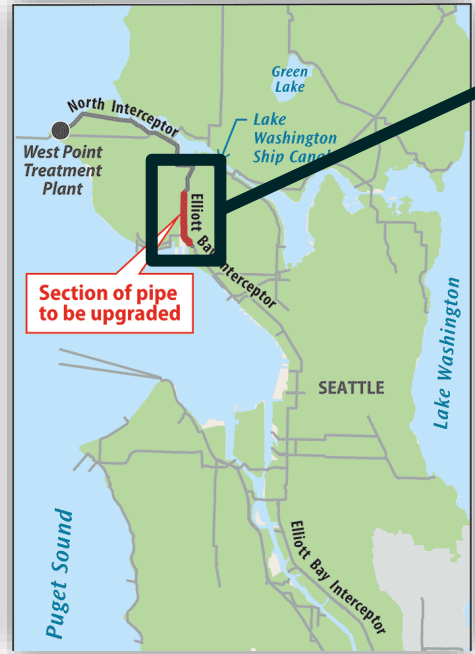
- ◆ Existing system built in 1960s
  - ◆ 36-48-inch reinforced concrete pipes
  - ◆ Interbay Pump Station and FMDS
  - ◆ 96-inch EBI 8 Gravity Pipe
- ◆ Extend the life of the system for 50 years
- ◆ High H<sub>2</sub>S levels in the Force Main Discharge Structure
- ◆ No odor control measures
  - ◆ Enhance odor control
- ◆ Existing access via dirt/gravel road

# Project Scope

- ◆ Replace the existing 36-inch FM segments with 42-inch DIP
- ◆ Line the existing 48-inch with CIPP liner
- ◆ Rehabilitate the Interbay Force Main Discharge Structure (FMDS)
- ◆ Design and Construct a Dual Carbon Vessel Odor Control Facility
- ◆ Modify/Improve the FMDS access road from West Armory Way
- ◆ Rehabilitate, using geopolymer, approx 2000 LF of 96-inch gravity main (EBI8) north of the FMDS

# Project Area

- Located in the Interbay area of Seattle



# Project Schedule and Budget

<b>Bid Advertisement</b>	Q3 2023
<b>Construction NTP</b>	Q4 2023
<b>Substantial Completion</b>	Q4 2026
<b>Final Acceptance</b>	Q1 2027

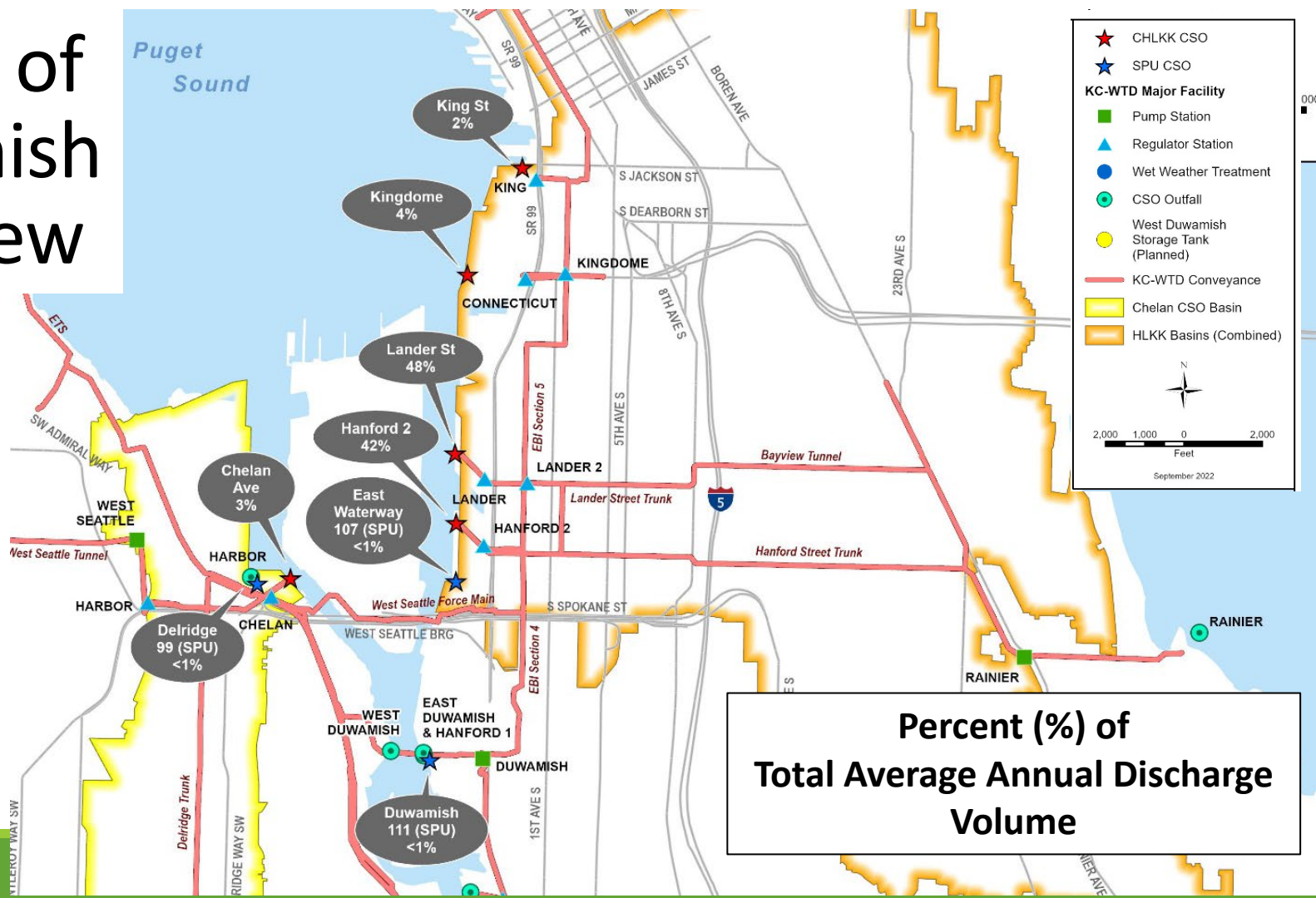
**Estimated  
construction cost:  
\$45 million**



# Mouth of Duwamish CSO Control Program

 Steve Tolzman  
Project Manager

# Mouth of Duwamish Overview



**Percent (%) of Total Average Annual Discharge Volume**



# Current Program Milestones

2023

- Issue Program Manager Owners Advisor (PMOA) and engineering consultant notices to proceed
- Establish Program including approach to delivery strategy

2024-2025

- Alternatives analysis facility and system confirmation; Facility Plan
- Facility siting and preliminary design
- Identify delivery method

2026-2028

- Facility design
- Collaborative delivery procurements
- Bid packaging

2028+

- Facilities design complete
- Projects/packages under construction

# PROCUREMENT

Strategy and Requirements

# Register on E-Procurement Portal

The screenshot shows the 'Register Supplier: Company Details' page on the King County E-Procurement Portal. The page has a blue header with the King County logo and navigation icons. A progress bar at the top indicates seven steps: 1. Company Details (active), 2. Contacts, 3. Addresses, 4. Business Classifications, 5. NAICS Codes, 6. Rosters and Certifications, and 7. Review. Below the progress bar, there are buttons for 'Back', 'Next', 'Save for Later', 'Register', and 'Cancel'. A red instruction reads: 'Please complete all required fields. Select "Next" or "Save for Later" after entering your contact information.' The form fields include: 'Supplier/Company Name' (text), 'Tax Country' (dropdown), 'Tax Organization Type' (dropdown), 'Supplier Type' (dropdown), 'Corporate Web Site' (text), 'W-9 Attachment Date' (text with calendar icon), 'UBI Number' (text), 'WA State Contractor License' (text), 'First Name' (text), 'Last Name' (text), 'Email' (text), and 'Confirm Email' (text). A note at the bottom states: '\* Required: attach a completed King County Substitute W-9. Find the link in the help bubble. None +'

- All active solicitations will be conducted on the **E-Procurement portal**.
- **Register** your firm to gain access to the portal to participate in solicitations.
- Only 1 company profile allowed; add multiple contacts.
  - **Required:** Complete & upload the **W-9 Taxpayer Identification (IRS W9)** form.
  - **Select all NAICS Codes** that apply to your company to ensure you receive invitation to solicitations.
  - Complete all the required fields (\*) & train stops.

# Solicitation Abstract

All communication must be through the Contract Specialist

Abstract: G&S Solicitation KC000073

Title	RFP EcoConsumer Outreach and Waste Prevention Program	Open Date	1/15/21 05:20:11 PM
Solicitation Type	G&S Solicitation	Close Date	2/9/21 02:00:59 PM
Status	Active	Posting Date	1/15/21
Buyer	Michelle Poste		
Email	Michelle.Poste@kingcounty.gov		
Synopsis	To assist King County Solid Waste Division (SWD) in developing and operating its EcoConsumer Outreach and Waste Prevention Program (EcoConsumer)		

Additional Information

Pre-Bid/Proposal Conference Date	Bid Opening Location	NA
Second Pre-Bid/Proposal Conference Date	Small Business Requirements Apply?	No
Pre-Bid/Proposal Location	No Pre-Proposal conference	Department
Last Date for Questions	2/2/21 05:00:00 PM	Division

OK

- View **publicly advertised** solicitations on the **Solicitation Abstract** page and create a response by logging in through portal.
- High-level details on the solicitation provided:
  - Solicitation Number
  - Title
  - Type
  - Status
  - Posting, Open & Close Dates
  - Details

King County

Solicitation Abstracts

Welcome to King County E-Procurement Portal

This page displays solicitations for King County. Clicking on the "Details" of a solicitation below will display a summary of the solicitation.

Suppliers must register with King County as an **E-Procurement Supplier** to gain full access in the supplier portal to download attachments and submit a response to any solicitation. Information on registering with King County as an E-Procurement Supplier, as well as resources to assist with navigating the supplier portal, can be found by following the link below:

<https://kingcounty.gov/procurement/registration>

After registration, the link to the E-Procurement Sign-in page is below:

<https://kingcounty.gov/procurement/supplierportal>

Information such as a list of suppliers that have expressed interest in solicitations, suppliers that have attended pre-bid or pre-proposal meetings, or submittals received by King County on past procurements can be found on the Solicitation Resources Page:

<https://kingcounty.gov/depts/finance-business-operations/procurement/for-business/solicitation-resources.aspx>

Search

Solicitation	Title	Solicitation Type	Status	Posting Date	Open Date	Close Date	Details
KC000021.3	Engineering Services for Cedar Hills Regional Landfill Area 9	A&E Solicitation	Active	1/19/21 02:52:0...	12/18/20 01:26:...	1/21/21 12:00:5...	
KC000073	RFP EcoConsumer Outreach and Waste Prevention Program	G&S Solicitation	Active	1/15/21 05:20:1...	1/15/21 05:20:1...	2/9/21 02:00:59...	

# BUSINESS DEVELOPMENT & CONTRACT COMPLIANCE

Equity in Contracting

**Joe Baca**

BDCC  
CWA Administrator

**Laura Preftes**

BDCC  
Contract Specialist III

# BDCC – Equity in Contracting

## EQUITY & SOCIAL JUSTICE (ESJ) GOALS

- ◆ Goals for Certified Minority and Women’s Business Enterprises
- ◆ ESJ Innovation Plan with a focus on Outreach, Mentorship and Advancing ESJ
- ◆ Workforce Development Goals

For more information visit [kingcounty.gov/bdcc](https://kingcounty.gov/bdcc)





# BDCC – Equity in Contracting

## PRIORITY HIRE PROGRAM

- ◆ Workforce and Economic Development Strategy:  
Addresses construction workforce shortage, diversifying the construction workforce, providing access to opportunities to disadvantage communities and furthers the County's Equity and Social Justice Strategic Plan
- ◆ Prioritizes individuals living in economically distressed areas (Priority Hire ZIP codes) of King County
- ◆ Provisions in Priority Hire Ordinance (18672) and as outlined in K.C.C. 12.18A, and the Contract Specifications that includes the MCWA

For more information visit: [kingcounty.gov/priorityhire](https://kingcounty.gov/priorityhire)

# BDCC – Equity in Contracting

## MASTER COMMUNITY WORKFORCE AGREEMENT (MCWA)

- ◆ Pre-Hire Collective Bargaining Agreement (CBA) between King County and the construction Labor Unions
- ◆ Covers all County covered projects \$5 million and over
- ◆ Community Workforce Agreement with Priority Hire and Preferred Entry requirements
- ◆ Sets basic terms and conditions of employment on covered public works construction projects

For more information visit: [kingcounty.gov/priorityhire](https://kingcounty.gov/priorityhire)

**QUESTIONS?**



**King County**

Department of Natural Resources and Parks  
**Wastewater Treatment Division**

# Contact Information

For all project inquiries:

**Jeni Bonenfant**

WTD Project Control Supervisor

Email: [Jeni.Bonenfant@kingcounty.gov](mailto:Jeni.Bonenfant@kingcounty.gov)

**Upcoming contractor opportunities with WTD**

Visit: [WTD Consultant and Contractor](#)

Forum (<https://tinyurl.com/WTDCContractorForum>)





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**Thank you!**