

# **PUB Report October 15, 2020**

## **(BES Project E07947 - Secondary Treatment Expansion Program)**

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**ENVIRONMENTAL SERVICES**  
**CITY OF PORTLAND**

**working for clean rivers**

AMANDA FRITZ, COMMISSIONER  
MICHAEL JORDAN, DIRECTOR



# We are here today

## Two council requests

- Approval of Chief Procurement Officer Guaranteed Maximum Price Agreement 1 and associated Diversity Plan (CBA) (Report)
- Request authority to amend Engineer of Record Contract amount

## General update on BES' largest project

- Draft Council Presentation provided
- How STEP fits in PUB's Framework



# Racial Equity

- The treatment plant serves all Portlanders, businesses, visitors indiscriminately, day or shine, day in, day out.
- STEP is the largest investment the Bureau has made in its wastewater treatment plant since the 70's.
- Tangible equity efforts in contracting:
  - Construction:
    - City approved Community Benefits Agreement
    - For the first construction contract, the Contractor is committing in excess of **54,000 hours** to women and minority apprentices over the course of the 2 year construction period.
    - An advisory board was established early assistance and advise in necessary outreach and training efforts for the contractor to meet the goals.



# Racial Equity

- Tangible equity efforts in contracting (continued):
  - Professional Services Contracts:
    - Design services (CH2M Hill Engineers) – 24%
    - Program management support (Stantec) – 25%
    - Preconstruction services (Kiewit) – 20%
    - Provide approximately **\$18,000,000** (when including the amendment request to Council) to certified firms over the 2018-2024 timeline
    - A special D/M/W/ESB Support Program
  - In house: provide opportunities to staff in area of special expertise, supported by in house and outside experts, so that the knowledge is built and eventually remains with City staff.



# Inter-Bureau Collaboration

- City Attorney's office, to establish a new form of contract for CM/GC
  - Discussing with Water Bureau to share
- Procurement Services
  - Community Benefits Agreement Compliance
  - Contracting
- Bureau of Development Services
  - Permitting



## Outcomes Oriented

- Early cost certainty with the CM/GC approach for broader CIP planning
- Remove old facilities and provide healthier work environments for essential workers
- Increase plant resiliency
- Leveraging the scope of work in addressing or identifying adjacent deficiencies based on criticality; allows better CIP planning
- Leverage deliverables, procedures, and tools for further/broader uses:



# Sustainability

- New clarifiers minimize the use of chemicals during rain events
- Incorporate green building policies and improve overall energy uses for wastewater and solids processing
  - LEED Gold goal for staff building, including 11,000 square feet vegetated roof
  - 25% reduction in biosolids truck hauling trips (600 miles round trip) despite population growth; year 2045 trucking output will be similar as today, reducing carbon footprint and operating costs
- Significant demolition provides opportunities:
  - 85% diversion goal, includes spoils reuse on site, steel recycling
  - Removal of old asbestos, lead-containing material

