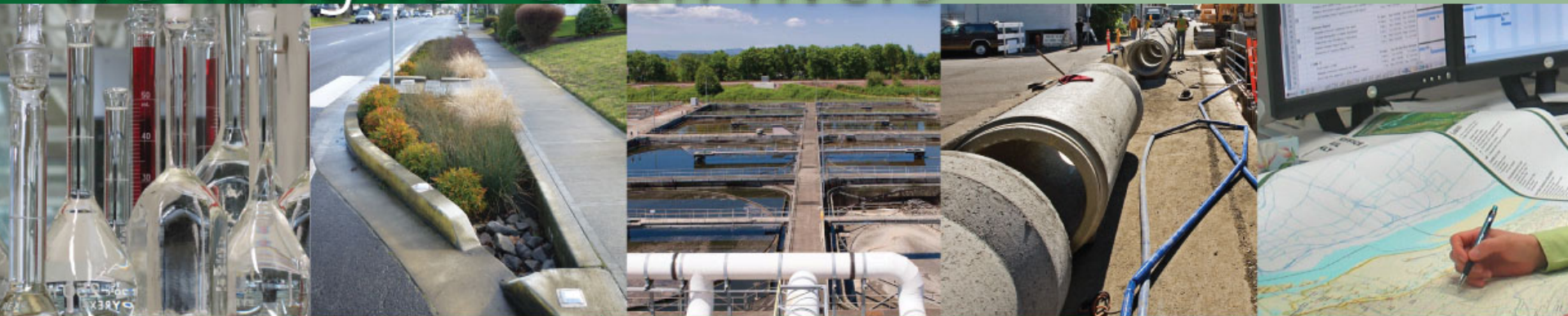


working for clean rivers



Lombard Pump Station Upgrade

BES Project No. E10920



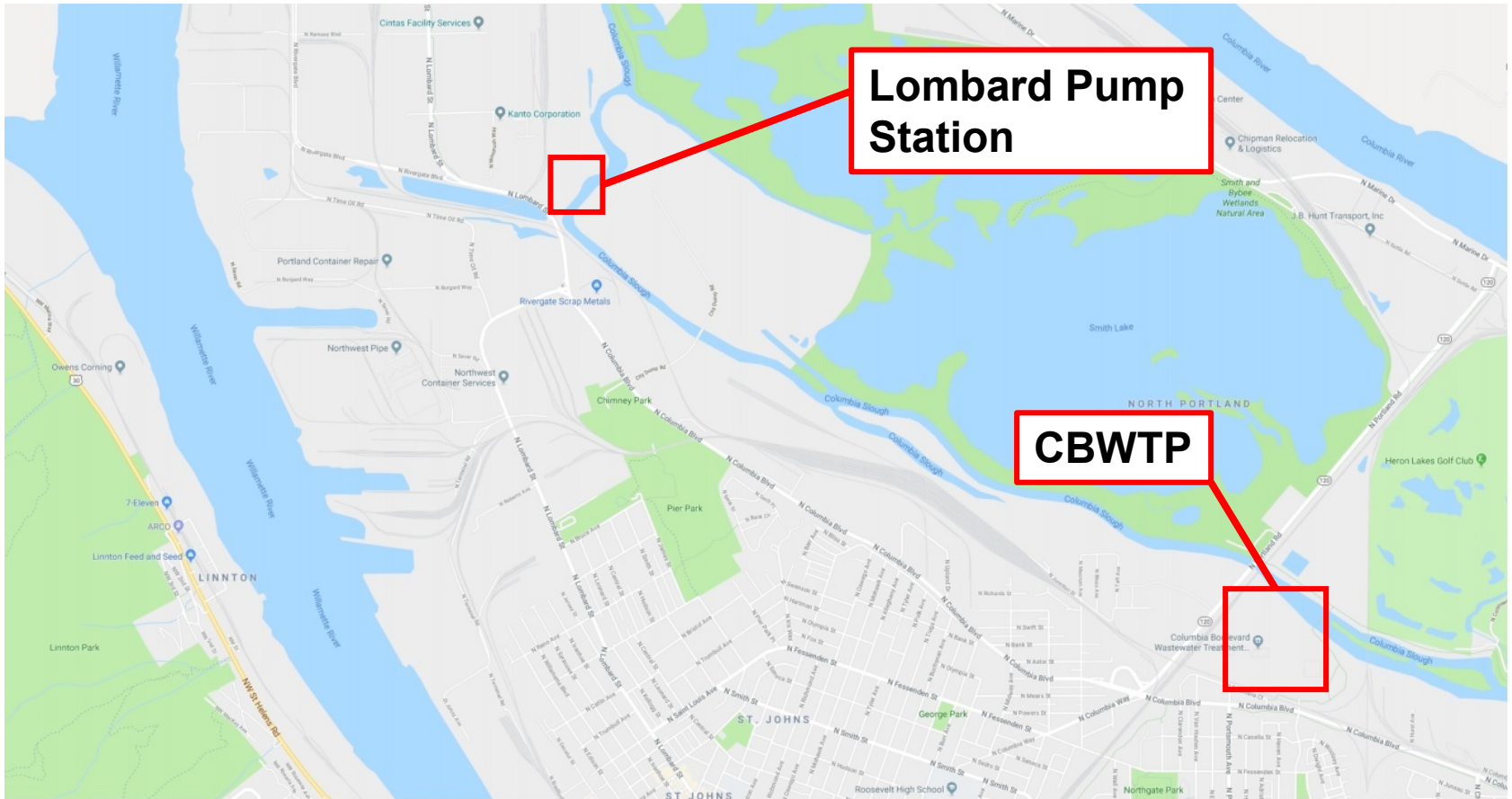
**ENVIRONMENTAL SERVICES
CITY OF PORTLAND**

NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR

**Paul Suto, P.E. Principal Engineer
Aaron Lawler, P.E., Engineer**

May 2, 2018

Project Location



Project Location



**LOMBARD PS
LOCATION**



Project Objectives

Problem Statement:

- The Lombard Pump Station and Lombard forcemain are aging, demonstrating signs of significant wear and corrosion, and are not seismically resilient, creating operational and potential environmental issues.

Project Objectives:

- Upgrade the Lombard Pump Station by replacing mechanical and electrical components.
- Provide standby power to the site.
- Structural seismic upgrades to the Pump Station.
- Complete condition assessment of the Lombard forcemain, and repairs or upgrades to any deficiencies.



Project Overview

- Remove existing mechanical equipment, including pumps, valves, and piping.
- Remove and replace all electrical, instrumentation and control equipment.
- Provide structural improvements to create seismic resiliency at the pump station.
- Install on-site standby power.
- Investigate forcemain condition and repair or replace if required.



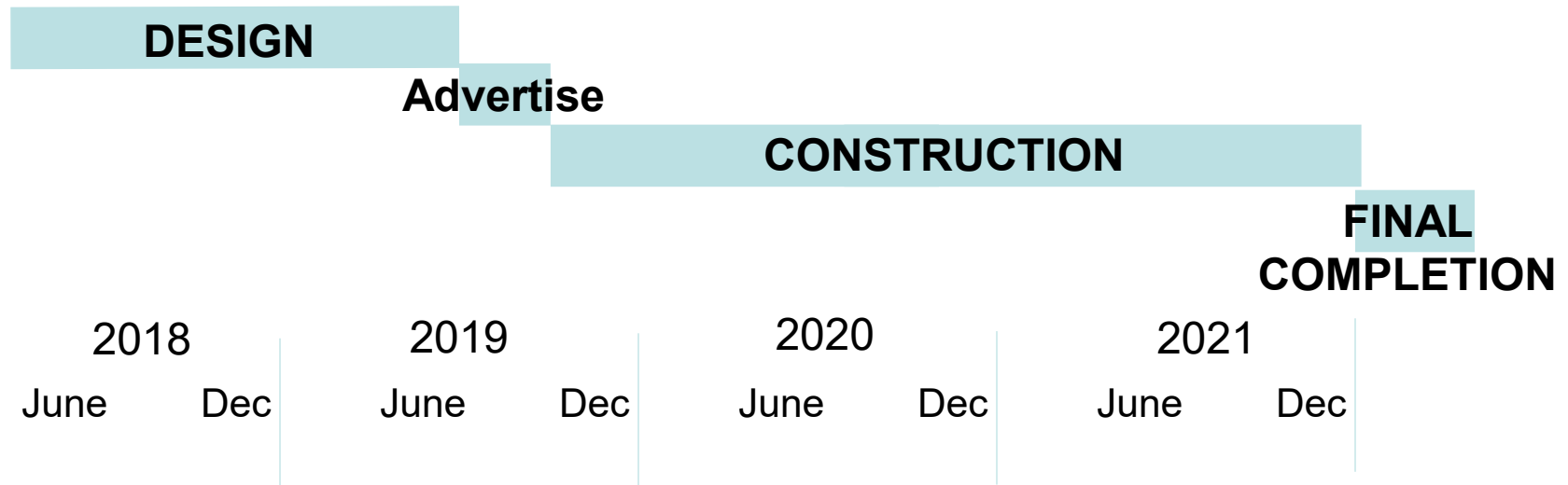
Project Benefits

- Improve pump station operability, reliability, and resiliency.
- Comply with current codes, standards, and regulations.
- Provide stand-by power source to the pump station.
- Protect the environment.



Project Budget and Schedule

- Current request is for PTE Contract of \$959,746
- Estimated total project cost is \$5,245,000
 - The level of confidence associated with this estimate is low
- The current construction contract estimate is \$3,000,000
 - Return to Council for Construction Contract Request
- Current Proposed Schedule:



PTE Selection

- Project work was advertised for competitive selection.
- Selection committee reviewed and scored proposal.
- Parametrix was selected in accordance with City Code 5.68.
- Negotiated fee is \$959,746
 - Optional Tasks amount to \$150,460
 - D/M/W/ESB Subcontracts participation is 42.7% of total contract NTE limit, or \$409,786.



Recommendation

Authorize the execution of a PTE Agreement with Parametrix with a contract not-to-exceed limit of \$959,746.



Questions

Thank you

