Drainage System Analysis

General Information
Any project inquiries should be in writing and directed to:

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Background
Seattle Public Utilities manages stormwater citywide through 460 miles of drainage pipes, open ditches and culverts, green stormwater infrastructure, and other flow and water quality facilities. SPU manages stormwater to reduce flooding and improve Seattle’s receiving waters.

SPU’s Drainage and Wastewater Line of Business is responsible for understanding drainage system issues and investing in capital, operational, and maintenance solutions. The Drainage System Analysis (DSA) will provide the foundational information related to urban flooding, receiving water quality, habitat, and asset management needed for subsequent drainage and wastewater planning. The DSA will be citywide in scale and will build on previous SPU planning efforts.

Project Scope
We are in the early stages of scope development and will not be prepared to determine the specific tasks, skills required, schedule or overall budget until later this year.

It is anticipated that the DSA will focus on urban flooding, receiving water quality, habitat, and asset management. Consultant support may be needed to summarize existing and future conditions, identify priority problems (and gaps), and identify general tools to address the problems.

Contracting Opportunities

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<th>Schedule of Events</th>
<th>Target Date</th>
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<tr>
<td>RFP Release</td>
<td>Potentially early Fall 2017</td>
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<tr>
<td>Pre-Proposal Conference</td>
<td>Potentially late Fall 2017</td>
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General Information
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Program Website

Background
Seattle Public Utilities and King County are working together to build an underground storage tunnel. During storms, this tunnel will hold polluted water from Ballard, Fremont, Wallingford, and north Queen Anne, preventing it from overflowing into the Lake Washington Ship Canal. This project will keep nearly 60 million gallons of polluted water out of the Ship Canal, Salmon Bay, and Lake Union each year. Combined sewer overflows in Ballard, Fremont, Queen Anne, and Wallingford currently send sewage and stormwater into the Ship Canal an average of more than 130 times per year at seven outfall locations. The project will limit those overflows to no more than one overflow per outfall per year on average, in compliance with state and federal laws.

Project Scope
A solicitation for design and construction support services for the Ship Canal Water Quality Program (SCWQP) were advertised and contract awarded in 2015. This solicitation will provide additional related but separate services including construction management services, project support services, and independent design services as required. The estimated budget for this work is up to $17M. The scope of work for this solicitation may include, but is not limited to, the following.

- As Needed Support of the Joint Project Agreement (JPA) between SPU and King County
- Construction Managements Services
  - Construction Management Plan
  - Pre-Construction Services
  - Supervising Resident Engineer/Construction Manager Roles, Responsibility and Services
  - Senior Resident Engineer Roles, Responsibility and Services
  - Lead Inspector Roles, Responsibility and Services
  - Project Controls Services
  - Cost Control Services
  - Independent Cost Estimating Services During Bidding and Construction
  - Scheduling Services
Project Scope

- Document Control Services
- Project Administration Services

- SCWQP Program Support Services
  - Independent Design Phase QA/QC Support Services and QA/QC Manual for Construction Phase of the Project
  - Constructability Review Services and Value Management Subject Matter Expertise
  - Risk Management Services
  - As Needed General Program Support Services
  - As Needed Independent Cost Estimating Review Services During Design

- I&C/SCADA, System Integration & Commissioning Agent
  - Commissioning Authority for the Ship Canal Water Quality Project (SCWQP)
  - Develop Commissioning Plan
  - Manage Commission Process

Contracting Opportunities

The Consultant will work cooperatively with SPU, King County, the Consultant Design Engineers, Contractors, and the project team.

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<tr>
<td>RFQPA Release</td>
<td>Anticipated May 2017</td>
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<tr>
<td>Pre-Proposal Conference and Site Visit</td>
<td>Anticipated May 2017</td>
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