

**CITY COUNCIL AGENDA ITEM**  
CITY OF SHORELINE, WASHINGTON

<b>AGENDA TITLE:</b>	Motion to Authorize the City Manager to Execute a Services Contract with PACE Engineers for Design of the Pump Station No. 25 Capital Improvement Plan (CIP) Replacement Project
<b>DEPARTMENT:</b>	Public Works
<b>PRESENTED BY:</b>	Mark Relph, Public Works Director Tricia Juhnke, Capital Projects Administrator
<b>ACTION:</b>	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Discussion

**PROBLEM/ISSUE STATEMENT:**

The purpose of this report is to request Council to authorize the City Manager to execute a service contract with PACE Engineers for design of the replacement of Pump Station No. 25.

**FINANCIAL IMPACT:**

Council has authorized \$516,000 within the Surface Water Utility's 2011 budget for the Pump Station 25 project. This contract of \$123,800 is within the currently authorized budget for the project. The total budget for the project is \$536,000 with project completion in 2012.

**RECOMMENDATION**

Staff recommends that Council authorize the City Manager to execute a contract with PACE Engineering for \$123,800 for the design of the Pump Station No. 25 replacement project.

Approved By:      City Manager 

City Attorney \_\_\_\_\_

## **INTRODUCTION**

Pump Station No. 25 serves a closed depression at the end of NE 178<sup>th</sup> Street, just east of I-5. The system is beyond the normal service life and prone to failure. The existing pump also discharges to a drainage pipe system on private property that is difficult to maintain. This project will replace the pump and install a new discharge pipe connected to the drainage system in NE Serpentine Place.

## **BACKGROUND**

In response to flooding associated with a closed depression at the end of NE 178<sup>th</sup> Street, King County installed a pump to lift flow that exceeded the infiltration rates for the depression to the pipes that drain the surrounding properties. The existing pump shuts down in high flood events, resulting in localized flooding.

This project was originally identified within the 2005 Surface Water Master Plan as a Flood Protection Priority Level 1 Project (page 60, table 5-3; <http://shorelinewa.gov/Modules/ShowDocument.aspx?documentid=3633> ). The 2009 Thornton Creek Watershed Plan also included recommendations for replacement of the pump station and revisions to the discharge force main (page 6-25 through 27). The new pump will be sized to handle flows and connected to a public drainage that is maintained by the City.

### **Selection Process**

PACE Engineering was selected using a formal selection process. The project was advertised and six proposals were received. Staff scored the proposals, and three consultants were shortlisted for an interview. PACE was selected because of their extensive experience with designing lift stations.

## **FINANCIAL IMPACT**

Below is a breakdown of project expenditures and revenues.

### **Project Costs**

Project Administration	
<b>This Contract</b>	<b>\$ 123,800.00</b>
City Costs	\$ 45,000.00
Subtotal	\$ 168,800.00
Real Estate Acquisition	\$ 3,585.00
Construction <sup>1</sup>	\$ 0
<b>Total Project Costs</b>	<b>\$ 172,385.00</b>
<b>Project Revenue</b>	
Surface Water Capital Fund	\$ 536,000.00
<b>Total Revenue</b>	<b>\$ 536,000.00</b>
<b>Project Balance (Revenue-Costs)</b>	<b>\$ 363,615.00</b>

<sup>1</sup> Construction is anticipated in 2012.

The total project budget is estimated at \$536,000. The remainder of the project will be authorized within the 2012 budget.

### **RECOMMENDATION**

Staff recommends that the Council authorize the City Manager to execute a contract with PACE Engineering for \$123,800 for design of the Pump Station No. 25 replacement project.

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