

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

<b>AGENDA TITLE:</b>	Motion to Authorize the City Manager to Execute an Amendment to the 2014 Agreement with Osborn Consulting Inc. for the Design of the 2015 Stormwater Pipe Repair and Replacement Program Project
<b>DEPARTMENT:</b>	Public Works
<b>PRESENTED BY:</b>	Tricia Juhnke, City Engineer
<b>ACTION:</b>	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Discussion <input type="checkbox"/> Public Hearing

**PROBLEM/ISSUE STATEMENT:**

The Stormwater Pipe Repair and Replacement Program (SWPRRP) is an annual program to replace failing infrastructure identified in the asset inventory and condition assessment (Basin Plan) program. In December 2013, staff solicited RFQ 7457 for the 2014 project. On February 24, 2014, Council authorized the City Manager to execute a contract with Osborn Consulting Inc. (OCI) for \$170,490 to provide design services for the 2014 SWPRRP project. The RFQ allowed for possible contract renewal: "Depending on the performance of the selected consultant and the budget allocated in the 2014 and 2015 City budgets, the contract may be renewed for each of the following two (2) years." Due to the programmatic nature of this work and the very satisfactory performance of the consultant in 2014, OCI's experience and efficiency should be considered a valuable resource to renew for the 2015 project.

**FINANCIAL IMPACT:**

The 2015-2020 Capital Improvement Program includes \$870,000 for the 2015 SWPRRP project. The budget for this annual program within the 2015-2020 CIP is shown in the table below:

**Stormwater Pipe Repair and Replacement Program Funding**

Year	2015	2016	2017	2018	2019	2020
2015-2020 CIP	\$870,000	\$955,000	\$955,000	\$870,000	\$580,000	\$580,000

**RECOMMENDATION**

Staff recommends that Council authorize the City Manager to execute an amendment to the original 2014 agreement with Osborn Consulting Inc. for \$200,540 to provide design services for the 2015 Stormwater Pipe Repair and Replacement Program project.

Approved By:            City Manager **DT**    City Attorney **MK**

## **BACKGROUND**

The Stormwater Pipe Repair and Replacement Program (SWPRRP) is an annual program to replace failing infrastructure identified in the asset inventory and condition assessment (Basin Plan) program. In 2013, the City completed Basin Plans for the Storm Creek and Boeing Creek basins, and in early 2015, Basin Plans for the McAleer Creek and Lyon Creek basins will be completed. As well, in the first half of 2016, the Puget Sound and Lake Washington Basin Plans will be completed. The basin plans present a comprehensive representation of the storm system infrastructure so that the City can manage existing issues and minimize future problems. The 2015 SWPRRP project will focus on failing storm pipes identified within the Storm Creek, Boeing Creek, McAleer Creek, and Lyon Creek basins.

As part of the above-mentioned Basin Plans, a condition assessment video of all stormwater pipes more than 12 inches in diameter is undertaken to evaluate maintenance, repair and replacement needs. From this assessment, a list of stormwater pipes was identified as candidates for repair or replacement within each basin.

The 2015 program will select sites based on an updated prioritization list developed in 2014. The 2015 program is expected to repair or replace failing pipes in approximately 40 locations (compared to 13 sites in 2014). This design contract will further prioritize the current list of sites and provide plans, specifications and an engineer's estimate for the selected sites that fit within this year's budget.

## **ALTERNATIVES ANALYSIS**

Four alternatives were evaluated on this project:

1. Renew the OCI contract for design – ***recommended***
2. Start a new selection process for hiring a consultant for 2015 design
3. Design the project with in-house staff
4. Do nothing

The second alternative to start a new selection process to hire a consultant for 2015 design is not being recommended because compared to the recommended alternative, it would delay the project schedule and require additional City staff resources to undergo the hiring process. Hiring a new consultant would also be less efficient than the recommended alternative as it would require re-starting the process of educating and coordinating with the consultant regarding City standards, preferences, and other project-specific information.

The third alternative to utilize in-house resources to design the project is not being recommended due to the size and complexity of the project and the lack of engineering resources needed to design the project. Utilizing in-house design resources would result in a delay of this and other projects.

The fourth alternative, to do nothing, would result in the project not being conducted. If this alternative is selected, the SWPRRP could not be accomplished as adopted in the 2015-2020 CIP.

The recommended alternative, to renew the OCI contract, is the most efficient and effective approach to developing the 2015 SWPRRP design. OCI's performance on the 2014 project was a success by many measures, as the design came in well under budget, was of high quality (no major issues during design reviews or construction), and was completed on time within a relatively tight schedule. The OCI team was also responsive and worked well with staff.

**COUNCIL GOAL(S) ADDRESSED**

This project will address Council Goal #2, provide safe, efficient and effective infrastructure to support our land use, transportation and surface water plans. This project will meet this goal by repairing or replacing the City's stormwater infrastructure.

**RESOURCE/FINANCIAL IMPACT**

The 2015-2020 Capital Improvement Program includes \$870,000 for the 2014 Storm Water Pipe Replacement Program project:

**Storm Water Pipe Repair and Replacement Program Funding**

<b>Year</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
2015-2020 CIP	\$870,000	\$955,000	\$955,000	\$870,000	\$580,000	\$580,000

Below is a breakdown of the funding for the 2015 Stormwater Pipe Repair and Replacement Program project:

**EXPENDITURES**

Project Administration:	
Staff and other Direct Expenses	\$35,000
<b>Consultant Design Contract</b>	<b>\$200,540</b>
Construction:	
Construction Management	\$25,000
Construction Contract(s)	\$554,000
Contingency	\$55,460
Total Project Cost	\$870,000

**REVENUE**

Surface Water Capital Fund	\$870,000
Total Revenue	\$870,000

**RECOMMENDATION**

Staff recommends that Council authorize the City Manager to execute an amendment to the original 2014 agreement with Osborn Consulting Inc. for \$200,540.00 to provide design services for the 2015 Stormwater Pipe Repair and Replacement Program project.