

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE: Motion to Authorize the City Manager to Execute an Agreement with Osborn Consulting Inc. for the Design of the 2014 Storm Water Pipe Replacement Program Project

DEPARTMENT: Public Works

PRESENTED BY: Tricia Juhnke, City Engineer

ACTION: ☐ Ordinance ☐ Resolution ☒ Motion
 ☐ Discussion ☐ Public Hearing

PROBLEM/ISSUE STATEMENT:

The Storm Water Pipe Replacement Program is an annual program to replace failing infrastructure identified in the asset inventory and condition assessment (Basin Plan) program. Staff requests Council to authorize the City Manager to execute a contract with Osborn Consulting Inc. for \$170,490.48 to provide design services for the 2014 Storm Water Pipe Replacement Program project.

FINANCIAL IMPACT:

The 2014-2019 Capital Improvement Program includes \$479,000 for the 2014 Storm Water Pipe Replacement Program project. The budget for this annual program has been significantly increased from the 2013-2018 CIP as a result of direction to utilize bond revenue for completion of priority projects as shown in the table below:

Storm Water Pipe Replacement Program Funding Comparison

Year	2014	2015	2016	2017	2018	2019
2013-2018 CIP	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	None
2014-2019 CIP	\$479,000	\$888,000	\$1,093,380	\$955,000	\$979,000	\$887,000

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute an agreement with Osborn Consulting Inc. for \$170,490.48 to provide design services for the 2014 Storm Water Pipe Replacement Program project.

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

BACKGROUND

The Storm Water Pipe Replacement Program 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 2014, Basin Plans for the McAleer Creek and Lyon Creek basins 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 2014 Storm Pipe Replacement Program project will focus on storm pipes within the Storm Creek and Boeing Creek basins.

As part of the Storm Creek and Boeing Creek Basin Plans, a condition assessment video of all storm water pipes more than 12 inches in diameter was completed to evaluate maintenance, repair and replacement needs. From this assessment, a list of 45 storm pipes was identified for repair or replacement within the two basins.

The 2014 program does not have enough budget to repair or replace all 45 pipes identified. Part of the scope of work for this contract will be to complete a risk based prioritization of the identified sites. This list will be used to select sites for construction this year as well as following years. Information received from the McAleer Creek and Lyon Creek basin plans will be used to build upon the prioritization list for work to be completed in future years. It is expected that 10 to 20 sites will be repaired or replaced in 2014.

This design contract will:

- Prioritize the current list of sites;
- Provide plans, specifications and engineers estimate for selected sites that fit within this year's budget; and
- Identify sites that will require critical area permitting, prepare environmental documentation and submit permit applications for sites to be constructed in 2015.

ALTERNATIVES ANALYSIS

Three alternatives were evaluated on this project.

1. Utilize a consultant for design – *recommended*
2. Design the project with in-house staff
3. Do nothing

The second 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 in this or other projects.

The third alternative, to do nothing, would result in not doing the project. If this alternative was selected the Stormwater Pipe Replacement Project could not be accomplished as adopted in the 2014-2019 CIP.

The recommended alternative, to utilize the consultant, can be done within the current budget. The City selected the consultant through a formal Request for Qualifications (RFQ) process. Seven proposals were received, and after review by City staff, Osborne Consulting was selected as the best qualified to provide these design services.

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 storm water infrastructure.

RESOURCE/FINANCIAL IMPACT

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Below is a breakdown of the funding for the 2014 Storm Water Pipe Replacement Program project:

EXPENDITURES

Project Administration:	
Staff and other Direct Expenses	\$48,500
Consultant Design Contract	\$170,500
Construction:	\$260,000

Total Project Cost	\$479,000
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REVENUE

Surface Water Capital Fund	\$479,000
Total Revenue	\$479,000

RECOMMENDATION

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