

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE:	Motion to Authorize the City Manager to Execute a Professional Services Contract with Windward Environments for development of the Boeing and Storm Creek Basin Plans and Associated Asset Inventory and Condition Assessment
DEPARTMENT:	Public Works
PRESENTED BY:	Mark Relph, Public Works Director Jesus Sanchez, Operations Manager
ACTION:	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Discussion

PROBLEM/ISSUE STATEMENT:

This report is to request Council to authorize the City Manager to enter into a contract with Windward Environmental for \$700,524 for the preparation of the Boeing and Storm Creek Basin Plans (\$378,497) and the associated asset inventory and condition assessments (\$322,027).

RESOURCE/FINANCIAL IMPACT

Council has authorized \$380,000 (\$130,000 in the approved 2011 Capital Improvement Program (CIP) budget and \$250,000 in the approved 2012 CIP budget) for the basin plans. Council has also authorized \$175,000 per year (\$350,000 total) for the 2011 and 2012 CIP budgets for asset inventory and management. The proposed project is within the authorized budget as approved in the Surface Water 2012-2017 CIP budget.

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute a professional services contract with Windward Environmental in the amount of \$700,524 for the Boeing and Storm Creek basin plans and the associated asset inventory and condition assessment of those basins.

Approved By:

City Manager 

City Attorney 

INTRODUCTION

A Request for Qualifications (RFQ No. 6240) was issued in April 2011 for the preparation of a basin plan and asset inventory and condition assessment for Storm Creek basin. During the negotiation of scope and budget with the consultant, it was determined that the Boeing Creek basin could be added to the scope of the project which would result in a cost and schedule savings to the City. Attachment A is a map showing the location of the basins to be included in this project.

The purpose of the basin plans include:

- Assess current surface water conditions (constructed and natural conveyance systems) within the City of Shoreline and identify drainage, aquatic habitat, and water quality problems and potential management strategies (structural and nonstructural) to address them.
- Update the City's stormwater infrastructure GIS mapping for the basin, including asset inventory and condition assessment of the major stormwater trunklines, catch basins, and ditches.
- A hydrologic and hydraulic study of the basin that will delineate infrastructure capacities and establish FEMA floodplain boundaries.
- Prioritize structural and non-structural management strategies to improve basin conditions. The plans will include an implementation schedule and cost estimate for these management strategies.

BACKGROUND

The Surface Water Utility needs to complete basin planning and the related asset condition assessment of the surface water infrastructure to improve the short and long term management of the City's stormwater assets. By focusing on each major drainage basin, the basin planning and associated asset inventory and condition assessments will identify drainage, water quality, and aquatic habitat problems and prioritize management strategies to address the problems (i.e. repair and replacement projects, new capital infrastructure, outreach programs, etc).

The City has prioritized the following basin plans to be completed per the adopted 2012-2017 CIP:

- Storm and Boeing Creeks (2011-2012),
- MacAleer Basin (2013),
- Ballinger Creek Drainage (Lyons Basin) (2014), and
- Puget Sound drainages (2015).

Staff prepared a Request for Qualifications (RFQ No. 6240) for a consultant to perform the required services and received three proposals from qualified engineering service consultants. The firms included Tetra Tech, Windward Environmental, and Otak. Staff evaluated the proposals and interviewed each consultant team. The evaluation criteria included expertise of project team, project methodology, and project experience.

Windward Environmental was selected as the most qualified firm through the selection process.

COUNCIL GOAL(S) ADDRESSED

This project supports Goal No. 2, "Provide safe, efficient and effective infrastructure to support our land use, transportation and surface water plans".

RESOURCE/FINANCIAL IMPACT

This project is funded in the recently adopted 2012-2017 CIP as part of the Surface Water Utility CIP. Council has authorized \$380,000 (\$130,000 in the approved 2011 CIP budget and \$250,000 in the approved 2012 CIP budget) for the basin plans. Council has also authorized \$175,000 per year (\$350,000 total) for the 2011 and 2012 CIP budgets for asset inventory and management.

	2011 Budget	2012 Budget	Total Project Budget
	Est. Total	Est. Total	Est. Total
Project Costs			
Project Administration (Other contracted services) ¹	\$206,479	\$494,045	\$700,524
City Costs	0	0	0
Total Costs	\$206,479	\$494,045	\$700,524
Project Revenue			
Surface Water Utility Fund - Basin Planning CIP	\$130,000	\$250,000	\$280,000
Surface Water Utility Fund - Asset Inventory and Management	\$175,000	\$175,000	\$350,000
Total Revenue	\$305,000	\$425,000	\$730,000
Project Balance (revenue-costs)	\$98,521	\$(69,045)	\$29,476

¹ Includes consultant costs for basin plan preparation and condition assessment.

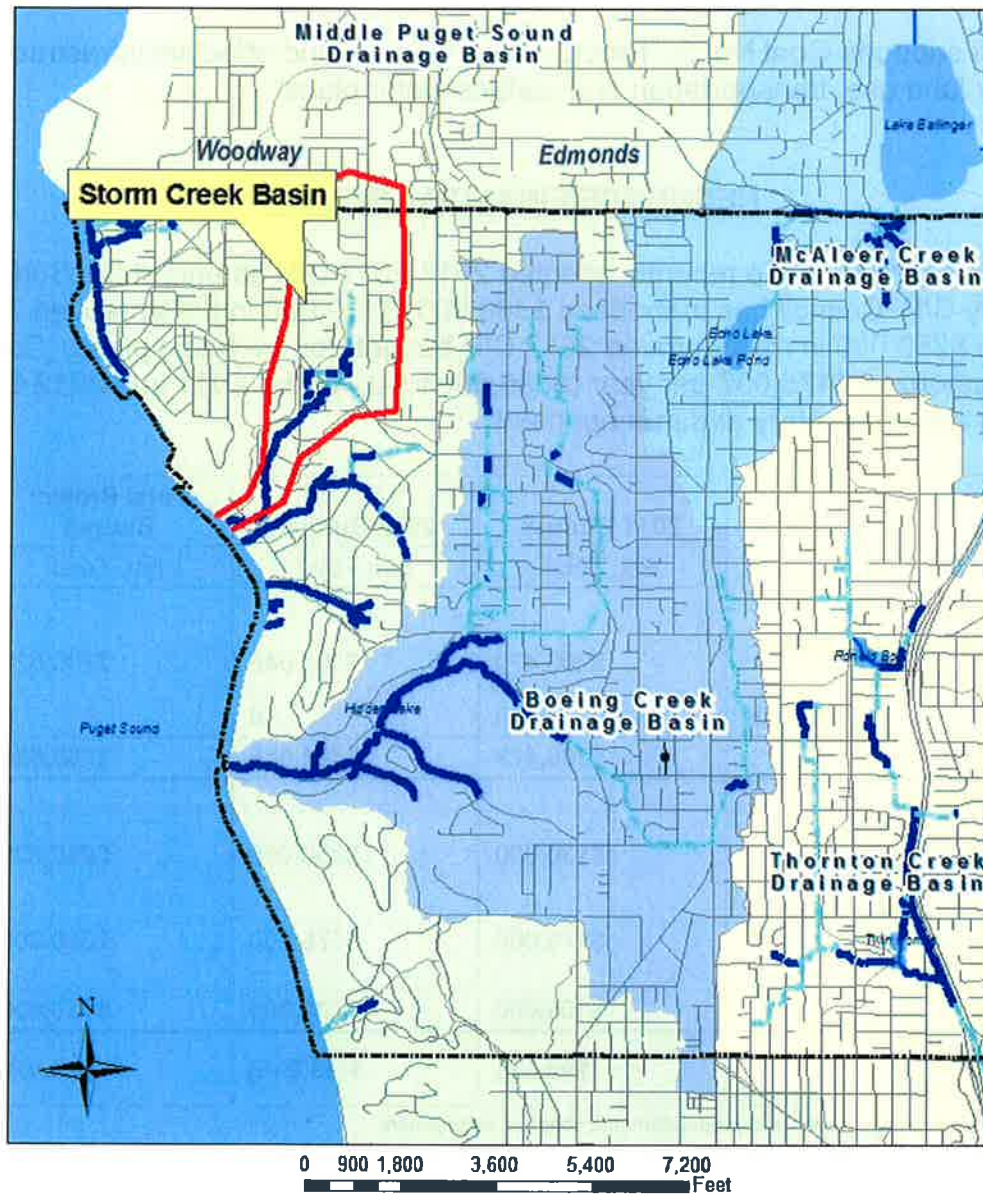
RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute a professional services contract with Windward Environmental in the amount of \$700,524 that includes the Boeing and Storm Creek basin plans, and the associated asset inventory and condition assessment of those basins.

ATTACHMENTS

Attachment A – Map of City basins with those highlighted as part of this contract.

Location of Storm and Boeing Creek Basins



Attachment A