

CITY COUNCIL AGENDA ITEM

CITY OF SHORELINE, WASHINGTON

AGENDA TITLE: Motion to Authorize the City Manager to Execute a Contract Amendment with Perteet to Complete the Design of the North Fork Thornton Creek LID Project

DEPARTMENT: Public Works

PRESENTED BY: Tricia Juhnke, City Engineer

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

PROBLEM/ISSUE STATEMENT:

The North Fork Thornton Creek LID Improvement Project (Project) is currently in the preliminary design stage, with the majority of the funding provided by the Department of Ecology (75%). The City executed a contract with Perteet to provide design services for the Project. After completion of the preliminary design phase of the Project, cost estimates were revised. Staff is requesting that Council authorize a \$132,120 increase to the Perteet contract for a total contract amount of \$270,120 to complete design of the Project. This contract increase is greater than the amount that can be administratively approved by the City Manager.

On March 26, 2012, City Council authorized the City Manager to execute a contract agreement with Perteet for \$138,000 to design the N Fork Thornton Creek LID Project. Per the staff report (<K:\Staff Reports\2012\20120326\20120326 SR - N Fork Thornton Creek LID Project.docx>) an initial contract with Perteet was to be executed for the first phase of the design. This first phase analyzed the subbasin and developed alternatives that would meet the project goals. Staff conducted a public open house and evaluated alternatives to meet the subbasin needs and to also meet the requirements of the Department of Ecology grant funding for the Project.

The project costs have been re-evaluated after the first phase and additional design funds are necessary. There are several reasons for the increased design costs including the following: 1) The effort to identify the best locations (i.e. geological & property owner preferences) for Low Impact Development (LID) within the Subbasin required more effort than originally anticipated; and 2) the design will include additional LID features within the subbasin that will be included within the bid package should construction bids come in lower than anticipated. Any LID elements that cannot be constructed in the initial construction contract will be ready for construction should additional grant funds or surface water utility funds become available. With approval of the amendment, design is anticipated to be complete in March or April with construction occurring late summer 2013.

The proposed Project will retrofit existing stormwater drainage infrastructure in the right-of-way with LID bioretention facilities in a residential sub-basin in the headwaters of the North Fork Thornton Creek, north of NE 175th Street and between I-5 and 15th Ave NE. These facilities will improve stormwater retention and water quality in the upper watershed, which has water quality challenges for multiple parameters and substantive flooding problems. All of these issues were identified in the 2009 Thornton Creek Watershed Plan.

FINANCIAL IMPACT:

Staff applied for a competitive Department of Ecology grant in the summer of 2010 and was awarded \$630,000 in state funds. This grant requires a 25% city match. Surface water utility funds will be used as a match for the grant. Following is a table on the estimated project costs:

Project Expenditures

Project Administration/Design		
Design Contract (Perteet)		
Original Council Approved Amount	\$138,000	
Amendment Increase	\$132,120	
Total Design Contract Amount		\$270,120
Construction Engineering (Perteet)		\$ 10,000
City Staff and other Direct City Costs		\$ 50,000
Construction		\$ 509,880
Total Project Costs		\$ 840,000

Project Revenue

Department of Ecology LID Grant	\$ 630,000
Surface Water Capital Fund	\$ 210,000
Total Revenue	\$ 840,000

This amendment is within the available project budget.

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute a contract amendment with Perteet for a total contract amount of \$270,120 to complete the design of the N Fork Thornton Creek LID Stormwater Retrofit Project.

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