



**CITY OF KIRKLAND**  
Department of Public Works  
123 Fifth Avenue, Kirkland, WA 98033 425.587.3809  
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**MEMORANDUM**

**To:** David Ramsay, City Manager  
**From:** Daryl Grigsby, Public Works Director  
Ray Steiger, P.E., Capital Projects Manager  
**Date:** May 8, 2008  
**Subject:** JUANITA CREEK BANK STABILIZATION PROJECT  
AWARD CONTRACT

RECOMMENDATION:

It is recommended that City Council award the base bid (only) for the Juanita Creek Bank Stabilization project to Westek Forest, LTD of Olympia, WA in the amount of \$170,200.50.

BACKGROUND AND DISCUSSION:

The Juanita Creek Bank Stabilization project includes the use of bioengineered methods to stabilize a severely eroded stream bank and failing storm drain outfall along Juanita Creek, located downstream of NE 122<sup>nd</sup> Street (Attachment A). The improvements include: installation of a structural earth wall (similar to that recently used on the Juanita Creek Restoration at Juanita Beach Park Project), rock and log grade control structures, and surface restoration by removing invasive plants and replanting with native vegetation within the work area.

During the design process, the City's consultant proposed expanding the surface restoration limits beyond the original project limits based on their review of field conditions (Attachment B). The intent being to maximize invasive plant removal and provide re-vegetation with native plants in an area where there is limited access. City Staff included the expanded restoration area as a bid alternative to ascertain the market cost of the expanded restoration limits.

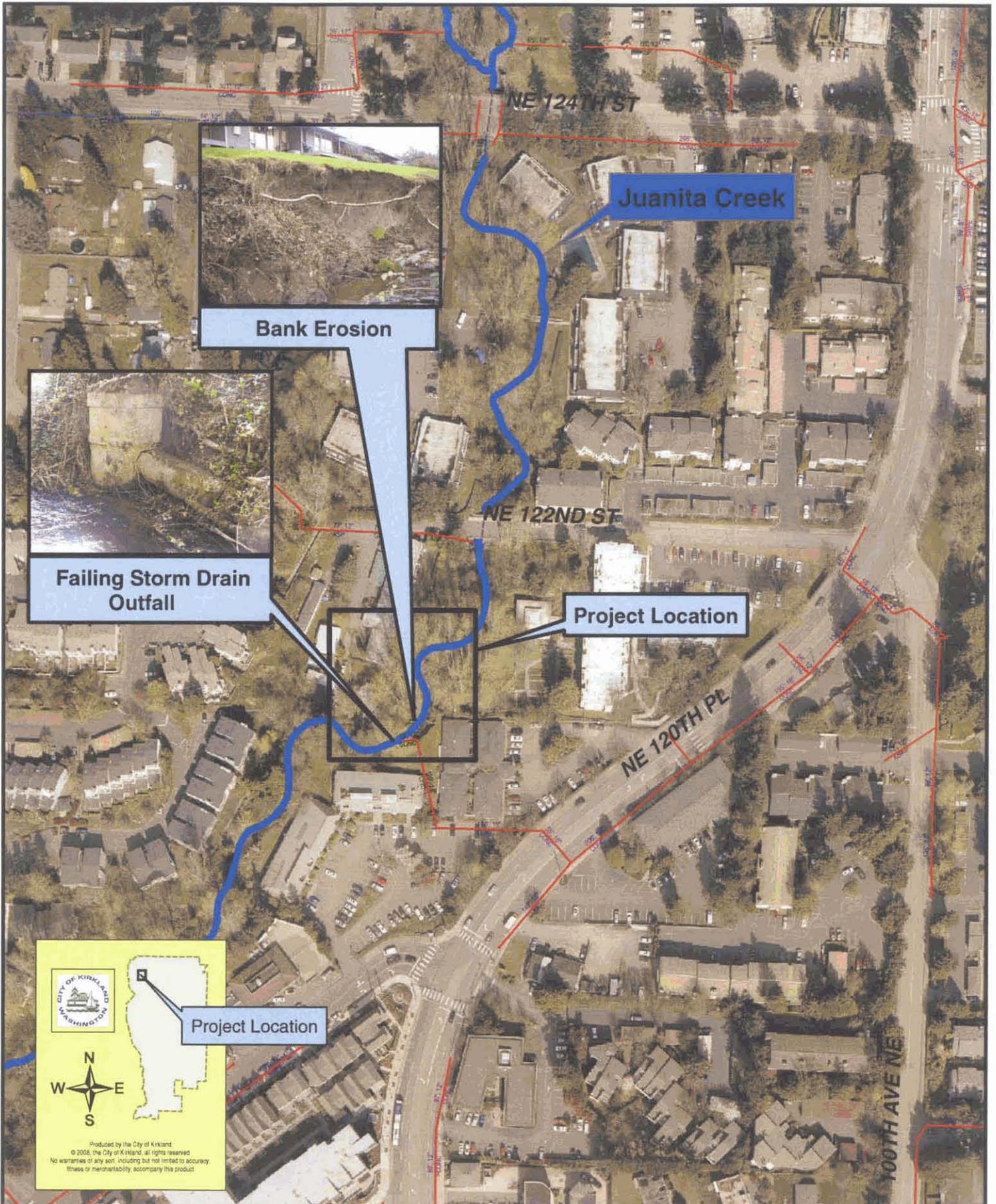
On May 1, 2008 bids were opened, and 3 bids were received as follows:

<b>Contractor</b>	<b>Base Bid</b>	<b>Bid Alternative</b>	<b>Total</b>
<b>Westek Forest, LTD</b>	<b>\$170,200.50</b>	<b>\$35,534.00</b>	<b>\$205,734.50</b>
<i>Engineers Estimate</i>	<i>\$203,129.68</i>	<i>\$46,870.00</i>	<i>\$249,999.68</i>
Construct Co.	\$242,236.15	\$32,700.00	\$274,936.15
NW Civil, LLC	\$292,463.64	\$40,767.58	\$333,231.22

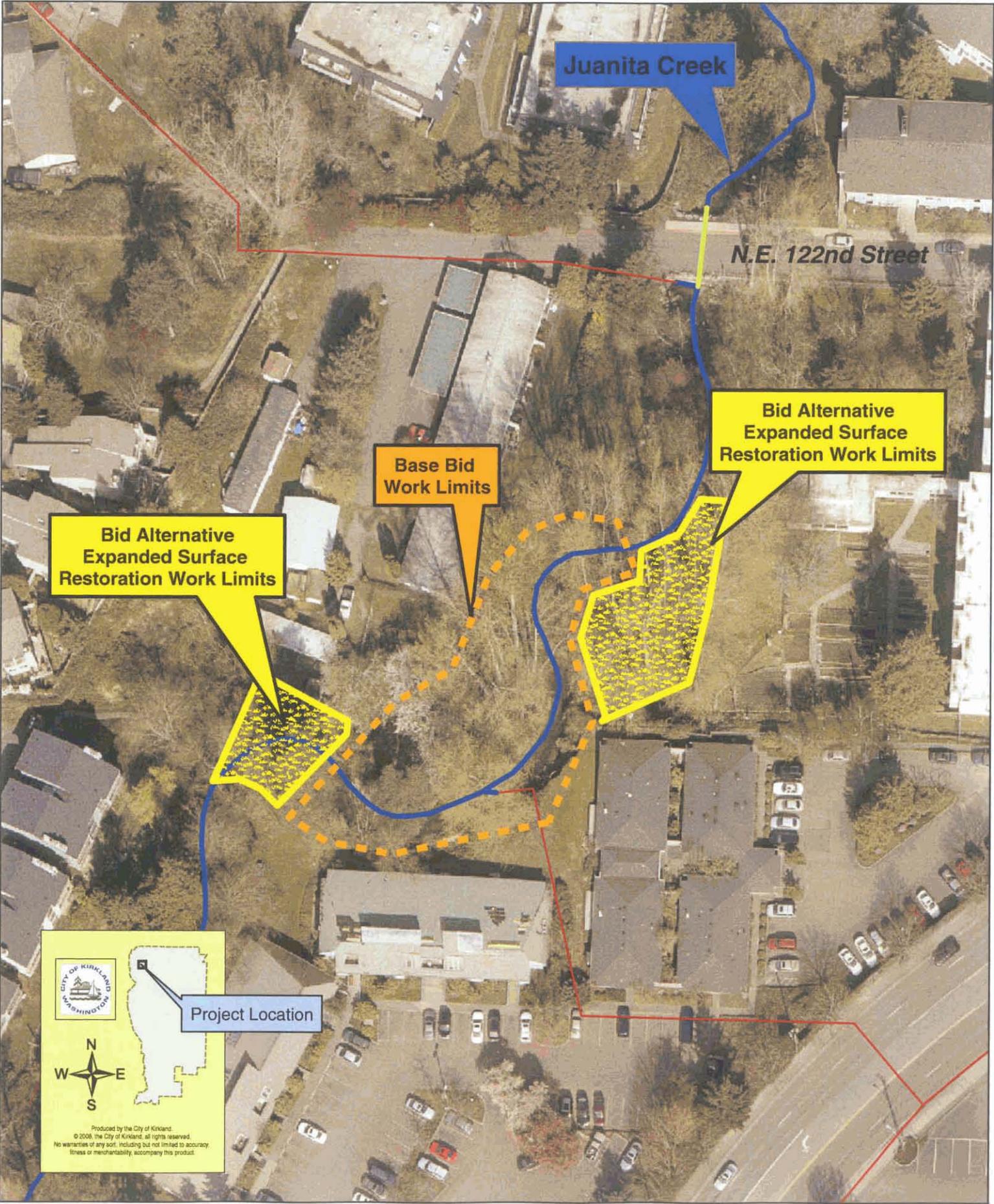
Prior to advertising for bids, construction costs for the base bid were expected to remain below the budget, leaving a total project contingency of approximately \$8,000. With the addition of the bid alternative work, costs were expected to exceed the total project budget by approximately \$36,000. Now that bids are received, both the base bid work and the bid alternative work fall below budget, however this would only leave a total project contingency of \$4,600 or approximately 2%. In light of recent construction experience associated with unpredictable weather and steam bank restoration projects, staff recommends award of the base bid work only. This will leave approximately \$40,000 for the project contingency (Attachment C). With Council award for the Juanita Creek Bank Stabilization project, construction is anticipated to begin mid July with substantial completion expected by late September, 2008.

Attachments: (3)

# Site Map Juanita Bank Stabilization SD-0060



# Expanded Surface Restoration Work Limits



## JUANITA CREEK BANK STABILIZATION (SD-0060) PROJECT BUDGET REPORT

