

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Motion to award Bid No. 11106 for Yarrow Creek Tributary Stream Restoration, to New West Development, Inc., as lowest responsible and responsive bidder in the amount of \$233,775.95 (CIP Plan No. D-86).

FISCAL IMPACT

Awarding this bid commits the City to payment of \$233,775.95. This contract is fully funded through the Utility's Stream Channel Modification Program (CIP Plan No. D-86). This amount is approximately 21.6% below the Engineer's Estimate due to a favorable bidding climate. Sufficient funds exist to fund this contract.

STAFF CONTACT

Mike Jackman, Interim Deputy Director, 452-6012

Wes Jorgenson, Assistant Director, 452-4887

Utilities Department

POLICY CONSIDERATION

Stream restoration is one of the framework goals of the Environmental Element of the City's Comprehensive Plan. This goal is supported by policies in the Environmental Element of the Comprehensive Plan, including but not limited to the following:

- EN-10: Retain existing open surface water systems in a natural state and rehabilitate degraded conditions.
- EN-12: Restore and protect the biological health and diversity of the Puget Sound Basin including the Lake Washington and Lake Sammamish watersheds in Bellevue's jurisdiction.
- EN-16: Preserve aquatic and riparian habitats in a natural state and rehabilitate similar areas that have been degraded.
- EN-21: Preserve existing vegetation or provide or enhance vegetation that is compatible with the character of Bellevue.

It is the practice of the Utilities Department to pursue this Framework Goal and the supporting policies by identifying degraded sections of local streams and wetlands and implementing restoration projects to correct or improve the degraded conditions. CIP Plan No. D-86 has been designated to do this.

BACKGROUND

During the summer of 2010, the Utilities Department identified and conducted the emergency repair of a public safety hazard at 3322 - 102nd Avenue NE. The emergency repair was expected to protect the roadway embankment and a suspended sewer crossing the eroded ravine east of the road. The culvert under the road was replaced, and fill approximately 20 feet deep was placed in the ravine in order to buttress the embankment. In addition, a 24-inch plastic pipe was extended approximately 100 feet through the fill to a more stable discharge location downstream of the sewer crossing. The Washington State Department of Fish and Wildlife (WDFW) agreed to this emergency repair method, if the City agreed to restore the habitat lost by extending the pipe.

This project will fulfill our commitment to WDFW by restoring the base flows from the creek to the ground surface. Logs, root wads and river rock will be used to create habitat and protect the stream for approximately 200 linear feet of channel. In addition, the sewer pipe suspended across the ravine will be strengthened. Upon completion of construction, the site will be restored with native vegetation.

This project will take place in the Northwest Bellevue neighborhood.

Bids were opened on May 23, 2011 and are as follows:

New West Development, Inc.	\$233,775.95
Tastad Construction, Inc.	284,601.45
WES	286,214.00
Tiger Excavation	288,541.26
Trimaxx Construction	389,407.19
BCI Contracting	343,468.65
Road Construction Northwest, Inc.	433,103.98
Engineer's Estimate	\$298,000.00

To the best of staff's knowledge, all factors that normally contribute to construction expense have been accounted for in the plans and in the Engineer's Estimate. It is our experience that construction projects of this type usually result in some amount of field changes. Such claims are rigorously reviewed and only those that are clearly necessary to accomplish the intent of the contract, but have somehow not been provided for, will be paid.

EFFECTIVE DATE

If adopted, the award of this bid will become effective immediately.

OPTIONS

1. Award Bid No. 11106 for Yarrow Creek Tributary Stream Restoration, to New West Development, Inc., as lowest responsible and responsive bidder in the amount of \$233,775.95 (CIP Plan No. D-86).

2. Award contract to another bidder, if low bidder is rejected.
3. Reject all bids and re-bid at a later date.

RECOMMENDATION

Adopt Option No. 1, award Bid No. 11106 for Yarrow Creek Tributary Stream Restoration, to New West Development, Inc., as lowest responsible and responsive bidder in the amount of \$233,775.95 (CIP Plan No. D-86).

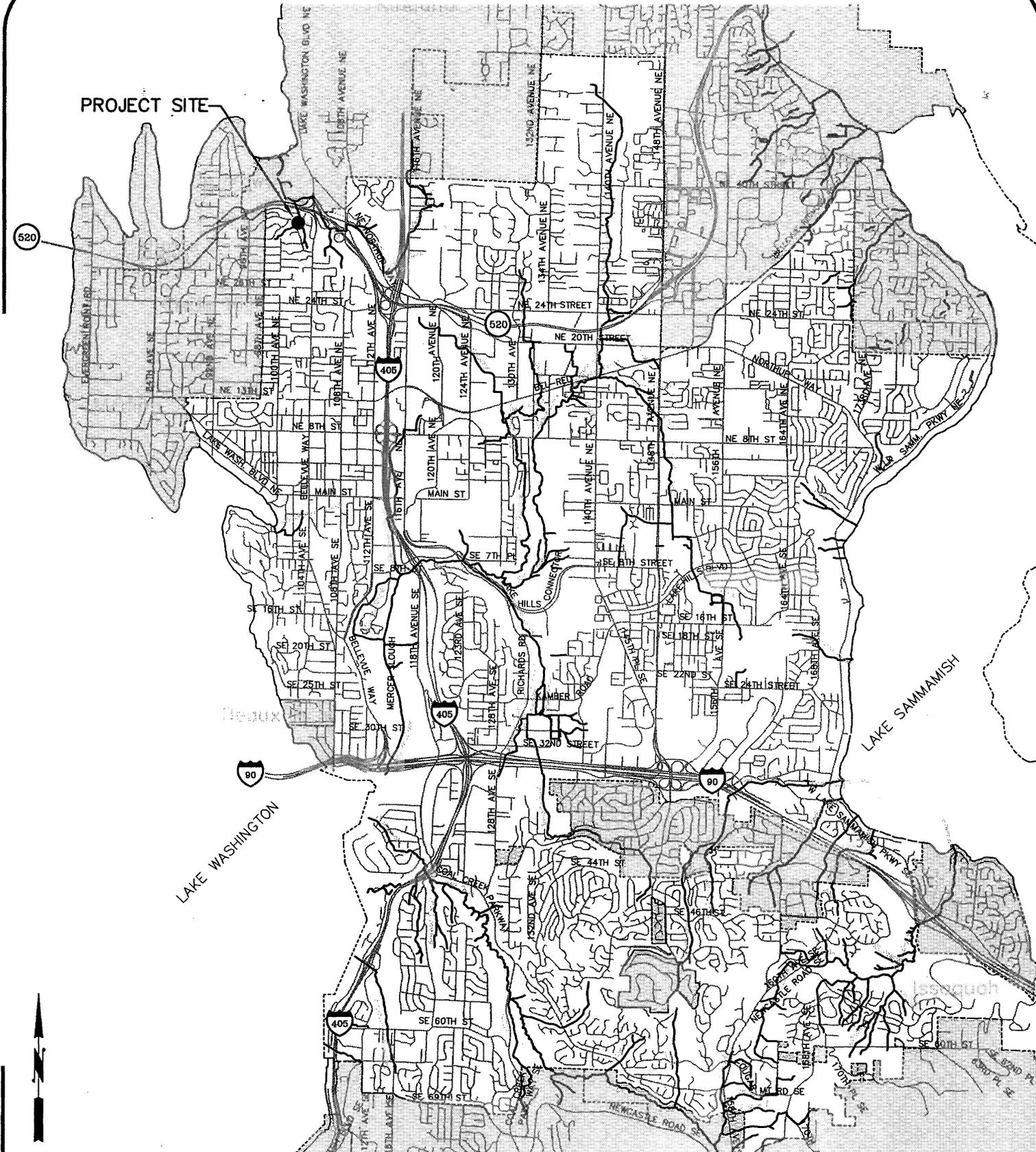
References have been checked and the contractor has the resources and experience necessary to successfully complete this project.

MOTION

Move to award Bid No. 11106 for Yarrow Creek Tributary Stream Restoration, to New West Development, Inc., as lowest responsible and responsive bidder in the amount of \$233,775.95 (CIP Plan No. D-86).

ATTACHMENTS

Vicinity Map
CIP Project Description



PROJECT SITE

520

520

405

90

90

405



N.T.S.

----- CITY OF BELLEVUE CITY LIMITS

VICINITY MAP

YARROW CREEK TRIBUTARY
 STREAM RESTORATION
 C.I.P. NO. D-86

FY 2011 - FY 2017 Capital Investment Program

D-86 Stream Channel Modification Program

Category: Storm Drainage
Department: Utilities

Status: Ongoing
Location: Various locations identified by habitat assess. program

Programmed Funding

Programmed Funding	Appropriated To Date	FY 2011 Budget	FY 2012 Budget	FY 2013 Budget	FY 2014 Budget	FY 2015 Budget	FY 2016 Budget	FY 2017 Budget
5,172,236	2,336,000	347,360	365,581	383,591	402,446	423,412	445,386	468,460

Description and Scope

This ongoing program will resolve unstable stream sections as identified in various stream stability and habitat assessment programs. It may also include projects to reduce stream sediment from sources other than those in or along the stream channel. Stabilizing the stream channel consists primarily of placing large, woody debris and boulders in the stream channel and re-vegetating the stream banks. Coniferous trees will be planted to reduce willow monoculture and invasive non-native weed species.

PROJECT NEED: Resource & Habitat Management

Rationale

This ongoing program helps stabilize streams and improve habitat consistent with the Council-approved Lake Washington/Cedar/Sammamish Chinook Salmon Recovery Plan. Stream projects are prioritized based on habitat potential, degree of channel instability, stream environmental diversity, and are only constructed where there is a public obligation. The budget allows construction of approximately 430 feet of stream work/yr; a minimal rate that allows reasonable progress on the highest priority locations. The program increases opportunities for citizens to enjoy fish and other riparian species in the 70+ miles of open streams that meander through their neighborhoods, and reduces the likelihood of localized landslides that can jeopardize structures, cause flooding, and block fish access.

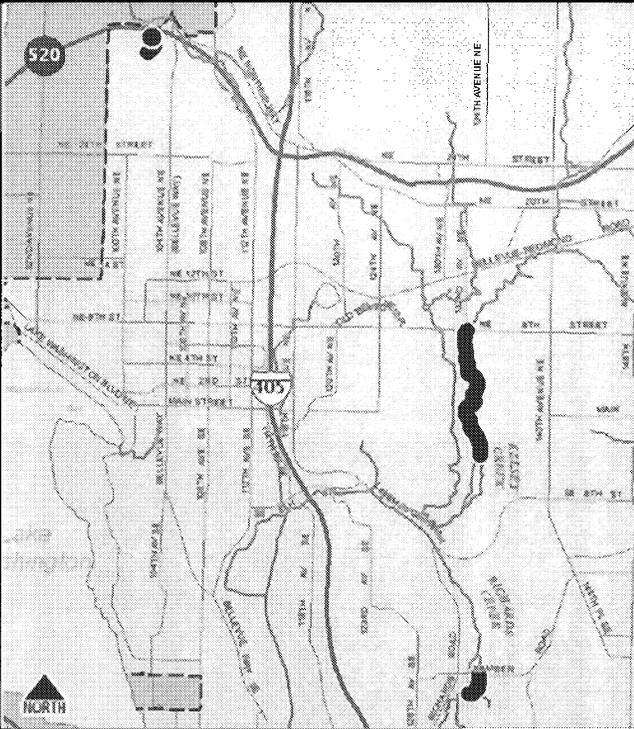
Environmental Impacts

Projects in this ongoing program would temporarily increase the potential for erosion and siltation during construction. An environmental checklist and a Hydraulic Project Approval from the Washington Department of Fish and Wildlife would be required. Riparian vegetation would be removed to construct channel improvements.

Operating Budget Impacts

Overall this program will have no net impact on operating revenues (and/or) expenditures. Some projects increase maintenance requirements; some decrease maintenance requirements.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Costs	1999 - Ongoing	5,172,236
Total Budgetary Cost Estimate:		5,172,236
Means of Financing		
Funding Source		Amount
Charges for Services		1,000
Judgements/Settlements		40,000
Utility Rates/Fees		5,131,236
Total Programmed Funding:		5,172,236
Future Funding Requirements:		0

Projects will be located throughout the city.