

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT:

Motion to Award Bid No. 15020, for the 2015 Overlay Program to Watson Asphalt Paving Company Inc., as the lowest responsive and responsible bidder, in the amount of \$4,046,306.95 (CIP Plan PW-M-1 Overlay Program, and CIP Plan W-16 Small Diameter Water Main Replacement).

FISCAL IMPACT:

Awarding this contract will obligate the City to \$4,046,306.95 for the repair and resurfacing of more than 25 lane miles of roadway and repair of adjacent failed curb, gutter and sidewalks. It will also provide for the overlay restoration of 11 Water Main Replacement sites (CIP Plan W-16). This amount is 21.5% under the Engineer's Estimate.

The contract is fully funded through the following programs:

CIP Plan No.	Description	Total
PW-M-1	Overlay Program	\$3,660,942.25
W-16	Small Diameter Water Main Replacement	385,364.70
	Total Project Cost	\$4,046,306.95

STAFF CONTACT:

David Berg, Director, 452-6468
Ron Kessack, Assistant Director Capital Projects, 452-4631
Mike Mattar, Design Division Manager, 452-4318
Gregory Lucas, Transportation Engineer, 452-4550
Transportation Department

POLICY CONSIDERATION:

Comprehensive Plan:

The policies that guide the 2015 Overlay Program are consistent with the Transportation Element of the City's Comprehensive Plan, which guides the maintenance of our existing transportation system.

Comprehensive Financial Management Policies:

The City's Comprehensive Financial Management policies guide capital investment decisions during the budget process. Specifically, existing policy language states, "Preserve existing capital infrastructure before building new facilities." The annual Overlay Program project addresses this policy.

BACKGROUND:

The City places a high priority on allocating adequate resources to maximize the benefits of investments previously made in the transportation system. Expenditures on maintenance and preservation defray and can prevent costly reconstruction projects in addition to contributing to the overall safety of the system.

Preservation of the City's 1,072 lane miles of streets is achieved through a rigorous pavement management program. The condition of each street is reviewed every two years to document information about how the street should best be maintained. Through this practice the City prioritizes and invests in preventative maintenance rather than wait for major pavement failure, which is significantly more expensive to repair.

The 2015 Overlay Program will primarily focus on resurfacing over 20 lane miles of arterial roadways in central and south Bellevue. The arterial sites include NE 12th Street between Bellevue Way NE and 120th Avenue NE, 112th Avenue NE from NE 2nd Street to NE 8th Street, 116th Avenue NE from NE 12th Street to Northup Way and also two substantial segments of Lakemont Boulevard SE. Residential locations included in this year's project consist of a little more than 5 lane miles of poorly rated roadways in the Lake Crest and the recently annexed Eastgate neighborhoods.

To minimize cost and maximize efficiency, other projects were also bid in conjunction with the 2015 Overlay Program. These projects include:

- 116th Avenue NE Bike Lanes – Marked bike lanes will be incorporated within the new channelization in both the northbound and southbound directions of 116th Avenue NE, between NE 12th Street and Northup Way (0.6 miles, each direction).
- Lakemont Boulevard SE Bike Lanes – Marked bike lanes will be incorporated within the new channelization in both the northbound and southbound directions of Lakemont Boulevard SE, between Forest Drive SE and 164th Avenue SE (0.9 miles, each direction). Marking these bike lanes does not eliminate any vehicle lanes and does not impact roadway capacity.
- 108th Avenue NE Crossing – The existing railroad crossing on 108th Avenue NE north of the South Kirkland Park and Ride will be removed in the 2015 Overlay Program. New ADA compliant curb ramps will be installed where the railroad crossing panels will be removed. A future project will install Rectangular Rapid Flash Beacons (RRFBs) to complete this mid-block crossing, providing a connection to the Cross Kirkland Corridor.
- NE 12th Street Medians – Two existing impervious medians will be removed and replaced with landscaped medians on NE 12th Street, between 108th Avenue NE and 112th Avenue NE.
- Lakemont Boulevard SE Slide Repair – Staff identified two sections within the southbound lane of Lakemont Boulevard SE, south of Forest Drive SE, where substantial longitudinal pavement cracking has occurred due to the proximity of the adjacent steep slope. The 2015 Overlay Program will remove and replace the pavement and subgrade, and will utilize a Geogrid product beneath the replaced pavement which enhances stress transferring within the subgrade to help prevent future cracking.
- Utility Sites Restoration – The 2015 Overlay program includes 11 sites, identified by the Utilities Department staff, requiring resurfacing following recent Utilities Department projects. These sites are in various areas throughout the city.

Leveraging these projects with the Overlay Program provides the City with a cost effective approach to construct these restorations and improvements. Future work on the Overlay Program is minimized and cost savings are realized by taking advantage of the favorable asphalt and channelization marking prices that the Transportation Department historically experiences with its large overlay contracts.

Bellevue has a five-year moratorium on the cutting of new street pavements and asphalt overlays. Coordination with other departments and franchise utilities occurs through early

notification, both through meetings and letters, during the design phase, followed up by monthly project updates during the Construction and Permit Coordination meetings held by the Transportation Department Right-of-Way use section.

Following verification of Bid Submittals, the bids received were as follows:

Engineer's Estimate	\$5,158,220.00
Watson Asphalt Paving Company Inc.	4,046,306.95
Lakeside Industries, Inc.	4,224,011.40
Cemex/Pacific Region	5,747,793.80

The low bidder had a total bid price 21.5 percent lower than the Engineer's estimated total bid price. The 2015 Overlay Program Engineer's Estimate is within the range of bids received.

To the best of our knowledge and professional judgment, all factors that normally contribute to construction expenses have been accounted for in the Plans, Specifications and Estimates. Based on our experience, projects of this type may result in some field changes. All 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 approved, this Motion becomes effective immediately upon Council adoption.

OPTIONS:

1. Award Bid No. 15020, for the 2015 Overlay Program to Watson Asphalt Paving Company Inc., as the lowest responsive and responsible bidder, in the amount of \$4,046,306.95.
2. Reject all bids and provide alternative direction to staff.

RECOMMENDATION:

Option 1.

MOTION:

Move to award Bid No. 15020, for the 2015 Overlay Program to Watson Asphalt Paving Company Inc., as the lowest responsive and responsible bidder, in the amount of \$4,046,306.95 (CIP Plan PW-M-1, Overlay Program) and (CIP Plan W-16 Small Diameter Water Main Replacement).

ATTACHMENTS:

- Vicinity Map
- CIP Project Description

AVAILABLE IN COUNCIL DOCUMENT LIBRARY:

- Bid Tabulations
- Construction Plans