

May 7, 2018

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Motion to award Bid No. 18032, 2018 Citywide Bicycle Improvement Project (CIP Plan Nos. PW-R-182 and PW-R-199) to NPM Construction Co., as the lowest responsible and responsive bidder, in the amount of \$294,487.65, plus all applicable taxes.

FISCAL IMPACT

Awarding this bid will obligate the City to \$294,487.65, plus all applicable taxes, to construct bicycle improvements along five corridors located throughout the City. This amount is approximately 26 percent over the Engineer's Estimate, or approximately \$60,000. Unit costs for traffic control and signal modification work were the main contributors to the differential between the Engineer's Estimate and the low bid. While the engineer used their best professional judgement on estimating those items, the two bids received were significantly higher. Based on the current bidding climate, staff does not feel that rebidding the project would result in lower bids for this project. Sufficient funds exist to fully fund this contract as follows:

CIP Plan		
No.	Description	Amount
PW-R-199	Neighborhood Safety & Connectivity (Levy)	\$ 264,177.65
PW-R-182	Downtown Transportation Plan Implementation	30,310.00
Total Funding		\$ 294,487.65

STAFF CONTACTS

Dave Berg, Director, 452-6468

Mark Poch, Assistant Director, 452-6137

Chris Long, PE, Traffic Engineering Manager, 452-6013

Kyle Potuzak, PE, Senior Transportation Engineer, 452-2027

Chris Iverson, Transportation Engineer, 452-6461

Transportation Department

POLICY CONSIDERATION

Comprehensive Plan, Transportation Element:

- Policy TR-53. Maintain and enhance safety for all users of the roadway network.
- Policy TR-103. Promote and facilitate walking and bicycling.
- Policy TR-105. Implement the Pedestrian and Bicycle Transportation Plan and prioritize projects that: address safety issues; provide access to activity centers; provide access to the transit and school bus systems; complete and connect planned pedestrian or bicycle facilities; develop primary north-south and east-west bicycle routes through the City; and, improve multimodal level of service along travel corridors.

Downtown Subarea Plan:

- S-DT-163. Designate and enhance bicycle routes through Downtown to create a more pleasant and safe environment for bicycling for people of all ages and abilities.

BACKGROUND

On February 17, 2009, Council adopted the Pedestrian and Bicycle Transportation Plan (Ped-Bike Plan) (Ordinance No. 5861). The 2009 Ped-Bike Plan establishes numerous bicycle corridors around Bellevue to be implemented over the course of short-term and long-term timeframes.

At its April 28, 2016, workshop, the Transportation Commission endorsed the Bicycle Rapid Implementation Program (BRIP) which includes recommendations for Citywide investments in Bellevue's bicycling infrastructure. The program, informed by extensive community outreach, identifies 52 projects that would realize a network of bicycle facilities that are:

- *connected*, prioritizing a network that "fills the gaps" in lieu of piece-meal implementation;
- *protected*, promoting physically separated facilities to minimize conflicts between roadway users where possible; and,
- *rapid*, leveraging early-win opportunities that can quickly advance project delivery.

Three projects identified in the BRIP were selected for inclusion in this construction contract:

- Project Idea PBC-3: 108th Avenue NE from NE 12th Street to NE 24th Street
- Project Idea BN-10: 139th Ave SE from Eastgate Way to Kamber Road
- Project Idea PBC-16: SE 38th Street from 14000 Block to SE Allen Road

In addition to projects listed above, two additional corridors were identified for inclusion in this construction contract as strategic locations to add bicycle infrastructure and enhance the City's bicycle network:

- 1) 142nd Place SE, from SE 32nd Street to SE 36th Street, is one of several locations where north-south traffic can move across Interstate 90 within Bellevue City limits. This corridor connects the Eastgate neighborhoods to Bellevue College, and features lower traffic speeds and volumes compared to the other nearby north-south corridors of Factoria Blvd. and 150th Avenue SE.
- 2) 112th Avenue NE, from NE 8th Street to NE 10th Street, accommodates high volumes of traffic on the western edge of downtown Bellevue. This corridor is also identified as a major bicycle route along the regional Lake Washington Loop Trail. Northbound bike lanes were recently added/enhanced through NE 8th Street, and currently end about 150-ft north of the intersection. This project will extend the northbound bike lane to NE 10th Street. The Transportation Department intends to complete the northbound bike lane in downtown from NE 10th Street to NE 12th Street once the development at 1021 112th Avenue NE is completed.

In total, five corridors are included in the 2018 Citywide Bicycle Improvements Project:

- 108th Avenue NE from NE 12th Street to NE 24th Street (funded by: PW-R-199)
- 139th Avenue SE from Eastgate Way to Kamber Road (funded by: PW-R-199)
- SE 38th Street from 14000 Block to SE Allen Road (funded by: PW-R-199)
- 142nd Avenue SE from SE 36th Street to SE 32nd Street (funded by: PW-R-199)
- 112th Avenue NE from NE 8th Street to NE 10th Street (funded by: PW-R-182)

Following verification of bid submittals, the bids received were as follows:

NPM Construction Co.	\$294,487.65
Road Construction Northwest	395,288.00
Engineer's Estimate	\$234,303.50

To the best of our knowledge and professional judgment, all factors that typically contribute to construction expenses have been accounted for in the Plans, Specifications and Estimate. 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 not previously been provided for, will be paid.

EFFECTIVE DATE

If approved, this Motion becomes effective immediately upon Council adoption.

OPTIONS

1. Award Bid No. 18032, 2018 Citywide Bicycle Improvement Project (CIP Plan Nos. PW-R-182 and PW-R-199) to NPM Construction Co., as the lowest responsible and responsive bidder, in the amount of \$294,487.65, plus all applicable taxes. Award the bid to the next lowest bidder if the low bidder is not responsive.
2. Reject all bids and provide alternative direction to staff.

RECOMMENDATION

Option 1

MOTION

Move to award Bid No. 18032, 2018 Citywide Bicycle Improvement Project (CIP Plan Nos. PW-R-182 and PW-R-199) to NPM Construction Co., as the lowest responsible and responsive bidder, in the amount of \$294,487.65, plus all applicable taxes.

ATTACHMENTS

- A. Vicinity Map
- B. CIP Project Description (PW-R-182)
- C. CIP Project Description (PW-R-199)

AVAILABLE IN COUNCIL DOCUMENT LIBRARY

Final Design Plans