

**CITY COUNCIL AGENDA TOPIC**

Motion to award Bid No. 24006, 156<sup>th</sup> Avenue and Main Street and 156<sup>th</sup> Avenue SE and Lake Hills Boulevard Traffic Signal Improvements (CIP Plan Nos. PW-R-198 & PW-M-19), to Road Construction Northwest, Inc. as the lowest responsible and responsive bidder in the amount of \$2,437,111.50, plus all applicable taxes. This project is partially funded by the Neighborhood Safety, Connectivity and Congestion Levy.

Andrew Singelakis, Transportation Director, 452-6468

Maher Welaye, Assistant Director, 452-4879

Chris Masek, Design Engineering Manager, 452-4619

*Transportation Department*

**EXECUTIVE SUMMARY****ACTION**

This Motion will award Bid No. 24006 to Road Construction Northwest, Inc. for 156<sup>th</sup> Avenue and Main Street and 156<sup>th</sup> Avenue SE and Lake Hills Boulevard Traffic Signal Improvements Project.

**RECOMMENDATION**

Move to award Bid No. 24006, 156<sup>th</sup> Avenue and Main Street and 156<sup>th</sup> Avenue SE and Lake Hills Boulevard Traffic Signal Improvements (CIP Plan Nos. PW-R-198 & PW-M-19), to Road Construction Northwest, Inc.

**BACKGROUND/ANALYSIS**

The intersection of 156<sup>th</sup> Avenue SE and Lake Hills Boulevard was studied as part of the 2019 Intersection study on 156<sup>th</sup> Avenue SE. The Lake Hills Boulevard and 156<sup>th</sup> Avenue SE Intersection Improvements Project was one of three projects initially identified by the 2019 study to move forward into design and construction. The conversion from an all-way stop to a traffic signal results in one of the highest delay savings of projects considered. This operational change should also improve the safety at this intersection, which has the highest collision history in Bellevue for all-way stops. The new traffic signal is funded by the Neighborhood Congestion Management Levy Program (CIP Plan PW-R-198) approved by voters in November 2016.

The existing traffic signal at the intersection of Main Street and 156<sup>th</sup> Avenue was prioritized for replacement by staff within the Major Maintenance Program (CIP Plan PW-M-19). This program addresses maintenance needs such as walkway failures, electrical upgrades and other safety repair work that exceed the financial capacity of the Transportation Department operating budget. Projects are prioritized based on safety needs and available funding. The Main Street and 156<sup>th</sup> Street signal replacement has been on the Major Maintenance Program's priority list for implementation since 2013.

In addition to constructing the traffic signals, the project will construct Americans with Disabilities Act (ADA) compliant curb ramps, grind and overlay the roadway and update striping at the intersections of 156<sup>th</sup> Avenue and Main Street and 156<sup>th</sup> Avenue SE and Lake Hills Boulevard. The project will also install fiber optic communication for the signal systems.

In order to maximize efficiency and reduce overall costs to the City, the Transportation Department is combining both intersection projects into one project.

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

Road Construction Northwest, Inc.	\$2,437,111.50
Kamins Construction	\$2,689,727.05
Gary Merlino Construction Co.	\$2,696,810.00
Westwater Construction Co.	\$2,867,190.00
Titan Earthwork, LLC	\$2,960,382.00
RW Scott Construction Co.	\$3,567,153.23
<b>Engineer's Estimate</b>	<b>\$2,745,485.00</b>

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 (PS&E). Based on staff 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.

## **POLICY & FISCAL IMPACTS**

### **Policy Impact**

Comprehensive Plan:

- Policy TR-2. To aggressively plan, manage, and expand transportation investments to reduce congestion and expand opportunities in a multimodal and comprehensive manner and improve the quality of the travel experience for all users.
- Policy TR-26. Design, implement, and maintain transportation system improvements and deliver transportation services and programs in accordance with the Americans with Disabilities Act (ADA).
- TR-28. Employ a citywide multimodal level-of-service concurrency standard that provides transportation facilities that meet the demand from new development.
- Policy TR-48. Maintain and enhance safety for all users of the roadway network.
- TR-51. Provide street lighting where needed and appropriate based on neighborhood context to improve visibility and safety while minimizing light/glare spillover.
- TR-104. Construct, maintain and repair pedestrian and bicycle facilities in accordance with current standards.
- Policy S-SE-21. Improve traffic flow on arterials through redesign of intersections where needed.

### **Fiscal Impact**

Awarding this bid will obligate the City to \$2,437,111.50, plus all applicable taxes, to install a new traffic signal at the intersection of 156<sup>th</sup> Avenue SE and Lake Hills Boulevard and replace the traffic signal at the intersection of 156<sup>th</sup> Avenue and Main Street. This amount is approximately 11 percent under the Engineer's Estimate.

Sufficient funding exists in the 2023-2029 General Capital Investment Program (CIP) to fully fund this contract as follows:

<b>CIP Plan No.</b>	<b>Description</b>	<b>Amount</b>
PW-R-198	Neighborhood Congestion Management (Levy)	\$1,489,175.50
PW-M-19	Major Maintenance Program	947,936.00
	Total Funding	<u>\$2,437,111.50</u>

## OPTIONS

1. Award Bid No. 24006, 156<sup>th</sup> Avenue and Main Street and 156<sup>th</sup> Avenue SE and Lake Hills Boulevard Traffic Signal Improvements (CIP Plan Nos. PW-R-198 & PW-M-19), to Road Construction Northwest, Inc. as the lowest responsible and responsive bidder, in the amount of \$2,437,111.50 plus all applicable taxes.
2. Award the bid to the next lowest bidder if the low bidder is not responsive.
3. Reject all bids and provide alternative direction to staff.

## ATTACHMENTS

- A. Vicinity Map
- B. Project Description (PW-R-198)
- C. Project Description (PW-M-19)

## AVAILABLE IN COUNCIL LIBRARY

N/A