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Council Meeting Date: April 4, 2016

Agenda Item: 7(b)

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**CITY COUNCIL AGENDA ITEM**  
CITY OF SHORELINE, WASHINGTON

**AGENDA TITLE:** Authorize the City Manager to Execute a Construction Contract with Combined Construction, Inc. in the Amount of \$280,621 for the 10<sup>th</sup> Avenue NW Bridge Repairs Project

**DEPARTMENT:** Public Works

**PRESENTED BY:** Tricia Juhnke, City Engineer

**ACTION:**        ☐ Ordinance        ☐ Resolution        ☒ Motion  
                 ☐ Discussion        ☐ Public Hearing

**PROBLEM/ISSUE STATEMENT:**

Staff is requesting that Council authorize the City Manager to Execute a Contract with Combined Construction, Inc. for the construction of the 10<sup>th</sup> Avenue NW Bridge Repairs Project in the amount of \$280,621.

**RESOURCE/FINANCIAL IMPACT:**

This project is approved as part of the 2016-2021 Capital Improvement Plan. Design was completed in 2015; the budget breakdown below is for the adopted 2016 budget:

**Project Expenditures:**

**Construction:**

|                                 |           |           |
|---------------------------------|-----------|-----------|
| Staff and other Direct Expenses | \$39,000  |           |
| Construction Contract           | \$280,621 |           |
| Total Construction              |           | \$319,621 |
| Contingency                     |           | \$50,379  |
| Total Project Expenditures      |           | \$370,000 |

**Project Revenue:**

|                         |           |
|-------------------------|-----------|
| Roads Capital Fund      | \$370,000 |
| Total Available Revenue | \$370,000 |

**RECOMMENDATION**

Staff recommends that Council authorize the City Manager to execute a construction contract with Combined Construction, Inc. in the amount of \$280,621 for the 10<sup>th</sup> Avenue NW Bridge Repairs Project.

Approved By:        City Manager **DT**    City Attorney **MK**

## **INTRODUCTION**

Staff is requesting that Council authorize the City Manager to execute a contract with Combined Construction, Inc. for the construction of the 10<sup>th</sup> Avenue NW Bridge Repairs Project in the amount of \$280,621. The engineer's estimate for this project is \$318,000.

## **BACKGROUND**

The bridge was evaluated in 2014 to update the bridge's rating, reassess its load carrying capacity, evaluate the options for rehabilitation or replacement, and determine the potential for grant funding. The evaluation resulted in a small reduction of the bridge's rating. However, the evaluation did find that the bridge remains structurally sufficient and able to carry modern design loads. The evaluation recommended a series of repairs that will extend the life of the bridge.

While the bridge is deteriorating and meets the grant requirements for bridge replacement or repair, the reality is the bridge will not compete well against other bridges throughout the state with significantly lower condition ratings. The repairs included in this design improve both the safety and the longevity of the bridge. The scope of repairs include replacement of the drop-in center panel, reinforcement of the bridge railing, filling of voids under the approach slabs, waterproofing of the deck, repaving of the deck, and sealing of the deck and soffit cracks. The scope of the project does not include the replacement or repair of the existing sidewalk adjacent to the bridge. The sidewalk, while in poor condition, is not a part of the bridge structure and as such, improvements would require significant re-grading and/or stabilization of the adjacent slope, which is beyond the scope or funding of this project.

## **ALTERNATIVES ANALYZED**

Between February 22<sup>nd</sup> and March 14<sup>th</sup>, the City solicited bids for construction of the bridge repair project. The engineer's estimate for the construction was \$318,000. Bids were opened on March 14, 2016 and five bids were received. Combined Construction, Inc. was the apparent low bidder. The five bids received are as follows:

| Contractor Name             | Bid Received |
|-----------------------------|--------------|
| Combined Construction, Inc. | \$280,621.00 |
| Razz Construction, Inc.     | \$281,273.00 |
| Stellar J Corporation       | \$317,298.85 |
| Graham Contracting Ltd.     | \$356,636.00 |
| PCL Construction            | \$529,687.00 |

City staff has determined that Combined Construction, Inc. has a responsive bid and that they have met contractor responsibility requirements. Construction is anticipated to start in April 2016 with completion anticipated in the middle of September 2016

### **COUNCIL GOAL ADDRESSED**

This project addresses Council Goal #2, Improve Shoreline's utility, transportation, and environmental infrastructure. This project will meet this goal by constructing the repairs recommended for the bridge.

### **RESOURCE/FINANCIAL IMPACT**

This project is approved as part of the 2016-2021 Capital Improvement Plan. Design was completed in 2015; the budget breakdown below is for the adopted 2016 budget:

#### **Project Expenditures:**

##### **Construction:**

|                                 |           |           |
|---------------------------------|-----------|-----------|
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#### **Project Revenue:**

|                         |           |
|-------------------------|-----------|
| Roads Capital Fund      | \$370,000 |
| Total Available Revenue | \$370,000 |

### **RECOMMENDATION**

Staff recommends that Council authorize the City Manager to execute a construction contract with Combined Construction, Inc. in the amount of \$280,621 for the 10<sup>th</sup> Avenue NW Bridge Repairs Project.

### **ATTACHMENTS**

Attachment A: Site Map



## Legend

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- Legend:
- City Limit-outline
  - Outside Shoreline
  - Interstate
  - Principal Arterial
  - Minor Arterial
  - Collector Arterial
  - Neighborhood Collector
  - Local Street
  - 10th Ave NW Bridge

**10250** Feet

No warranties of any sort, including accuracy, fitness, or merchantability, accompany this product.

