



# City of Grand Island

Tuesday, October 11, 2022

Council Session

## Item G-9

**#2022-285 - Approving Concurrence of Bid Award to The Diamond Engineering Company for Five Points Intersection Improvements**

Staff Contact: Keith Kurz PE, Interim Public Works Director

# Council Agenda Memo

**From:** Keith Kurz PE, Interim Public Works Director

**Meeting:** October 11, 2022

**Subject:** Approving Concurrence of Bid Award to The Diamond Engineering Company for Five Points Intersection Improvements

**Presenter(s):** Keith Kurz PE, Interim Public Works Director

## Background

On February 14, 2017, via Resolution No. 2017-34, City Council approved an agreement with Olsson Associates of Lincoln, Nebraska, in the amount of \$72,550.00 for engineering services related to Five Points Signal and Geometric Improvements. This project was for the improvement of the 5 Points intersection in areas of both lane use and traffic signal operation. The existing cable span signals were to be replaced with new mast arm signals, improvement of existing roadway geometrics, evaluation of existing lane configurations for operation, and installation of signing improvements to meet 2009 MUTCD requirements in the area of this intersection.

During the course of Olsson Associates engineering services work on this project it was recommended that a study of the entire area surrounding the 5 Points intersection be considered. Further study allowed for examination of the Five Points intersection to aid in specifically reducing the incidence of crashes; reducing vehicle delay, improving the mobility of the traveling pedestrians and correcting roadway geometric deficiencies.

Public Works applied for Nebraska Department of Transportation (NDOT) safety funds to help with costs of the 5 Points intersection improvements. The project was selected as a NDOT safety project, with Federal-aid funding available through NDOT. The federal share payable on any portion of a local federal-aid project is a maximum of 80% of the eligible participating costs, while the Local Public Agency (LPA) is responsible for the remaining 20% as well as all other nonparticipating or ineligible costs of the project. The estimate of this project was \$2,265,300.00, with the LPA share being \$565,300.00, and the Federal share payable capped at \$1,700,000.00.

Such project consists of geometric improvements with a multi-lane roundabout and will right size the lane configuration to optimize safety and efficiency, and meet the Federal Highway Administration (FHWA) safety program requirements.

On April 27, 2021, via Resolution No. 2021-97 City Council approved Program Agreement Supplement No. 1, which increased the Federal funding cap from \$1,700,000.00 to \$2,640,000.00, with the funding split of 80% federal Highway Safety Improvements Project (HSIP) funding and 20% match from the Local Public Agency (LPA).

### **Discussion**

As specified in the Program Agreement with NDOT, the State advertised and conducted the letting for this project. Three (3) bids were received and opened on September 29, 2022. The bids were submitted in compliance with the contract, plans and specifications and summarized below.

<i><b>Bidder</b></i>	<i><b>Exceptions</b></i>	<i><b>Bid</b></i>
The Diamond Engineering Company of Grand Island, NE	None	\$ 2,929,887.08
Bauer Infrastructure, LLC of Martell, NE	None	\$2,963,436.51
Werner Construction, LLC of Hastings, NE	None	\$3,905,974.50

Public Works and the NDOT Contracts Section have reviewed the bids and determined them to be acceptable.

Total project costs are now estimated at \$4,256,244.01, which are detailed below. City share total is estimated at \$1,616,244.01, of which \$948,375.00 has been paid to date.

Preliminary Engineering	\$ 398,075.00
ROW	\$457,000.00
Construction Engineering	\$ 439,483.06
Construction	\$ 2,929,887.08
NDOT Administrative	\$ 31,798.87
<b><i>Total Estimated Project Costs =</i></b>	<b><i>\$4,256,244.01</i></b>

The tentative start date for construction is March 2023. The project is expected to be completed by September 2023.

## **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

## **Recommendation**

City Administration recommends that the Council approve the concurrence of bid award to The Diamond Engineering Company of Grand Island, Nebraska for the construction of Five Points Intersection Improvements.

## **Sample Motion**

Move to approve the resolution.

**RESOLUTION**      2022-285

WHEREAS, there has been signed by the CITY OF GRAND ISLAND on the 23rd day of January, 2018, and the State on the 8th day of February, 2018, an agreement providing for the construction of a Federal Aid City Project at the following location: FIVE POINTS INTERSECTIONS, GRAND ISLAND, and

WHEREAS, in the above agreement, the City has pledged sufficient funds to finance its share of the cost of the construction of this project identified as HSIP-5409(3), and

WHEREAS, the above mentioned agreement provided that the City will pay costs as set forth in the agreement, and

WHEREAS, the State, on behalf of the City received bids for the construction of this project based on the final plans and specifications on September 29, 2022, at which time 3 bid(s) were received for the construction of the proposed work, and

WHEREAS, the following Contractor(s) for the items of work listed has/have been selected as the low bidder(s) to whom the contract(s) should be awarded:

THE DIAMOND ENGINEERING COMPANY, GRAND ISLAND, NE 68802-1327  
GRADING, CONCRETE PAVEMENT, CULVERTS, WATER MAIN, SANITARY SEWER, SEEDING,  
ELECTRICAL, SIGNING, GENERAL: \$2,929,887.08

NOW THEREFORE, in consideration of the above facts, the City Council of the CITY OF GRAND ISLAND, by this resolution, takes the following official action:

1. If for any reason the Federal Highway Administration rescinds, limits its obligations, or defers payment of the Federal share of the cost of this project, the City hereby agrees to provide the necessary funds to pay for all costs incurred until and in the event such Federal funds are allowed and paid.
2. The Council hereby concurs in the selection of the above mentioned Contractor(s) for the items of work listed, to whom the contract(s) should be awarded.
3. The Council hereby approves of the final plans and specifications that were used in the bidding process for this project.
4. The Council hereby authorizes the Mayor to sign the contract(s) with the above mentioned Contractor(s) for the above mentioned work on behalf of the City using State's standard contract signing process, including when applicable, an electronic or digital signing process such as DocuSign®.

DATED THIS 11th DAY OF October, A.D. 2022

CITY OF GRAND ISLAND

\_\_\_\_\_  
(Mayor)

ATTEST:

\_\_\_\_\_  
(City Clerk)

Council Member \_\_\_\_\_  
moved the adoption of said resolution.

Roll Call: \_\_\_\_\_ yea, \_\_\_\_\_ nay.  
Resolution adopted, signed and billed as adopted.