



City of Grand Island

Tuesday, December 20, 2022

Council Session

Item G-10

**#2022-356 - Approving Agreement with Olsson, Inc. for
Construction Engineering Services for Five Points Intersection in
Grand Island**

Staff Contact: Keith Kurz PE, Interim Public Works Director

Council Agenda Memo

From: Keith Kurz PE, Interim Public Works Director

Meeting: December 20, 2022

Subject: Approving Agreement with Olsson, Inc. for Construction Engineering Services for Five Points Intersection in Grand Island

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, Inc. 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, Inc. 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 would allow 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.

On January 23, 2018, via Resolution No. 2018-21, City Council approved the Program Agreement with the Nebraska Department of Transportation for Five Points Intersection Improvements.

On October 9, 2018, via Resolution No. 2018-291 the City entered into an agreement with Olsson, Inc. for engineering consulting services for the Grand Island Five Points

Intersection project. The work was to be performed at actual costs with a maximum amount of \$361,475.00.

On January 28, 2020, via Resolution No. 2020-28 the City entered into Supplement Agreement No. 1 with Olsson, Inc. to allow for subsurface investigation to assess the presence of contamination in soil and determine mitigation. The original agreement was amended with the total agreement amount increased from \$361,475.00 to \$383,075.00, an increase of \$21,600.00. The City’s estimated share increased from \$72,295.00 to \$76,615.00, an increase of \$4,320.00.

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).

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

Total project costs are currently estimated at \$4,102,315.01, which are detailed below. City share total is estimated at \$1,462,315.01, of which \$948,375.00 has been paid to date.

Preliminary Engineering	\$ 398,075.00
ROW	\$ 457,000.00
Construction Engineering	\$ 285,554.06
Construction	\$ 2,929,887.08
NDOT Administrative	\$ 31,798.87
<i>Total Estimated Project Costs =</i>	<i>\$ 4,102,315.01</i>

Discussion

Olsson Associates, Inc. has been selected to perform Construction Engineering Services based on qualifications detailed in the firm’s on-call proposal to NDOT for these services, their experience with Federal-aid Transportation projects, and their familiarity with the Five Points Intersection project. Public Works Engineering staff reviewed and concurred with the scope and fee negotiated by NDOT to ensure quality construction inspection and project management.

Olsson Associates, Inc. will be paid actual costs, for an amount not to exceed \$285,554.06.

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 approving the award of the contract to Olsson, Inc. of Grand Island, Nebraska to perform construction engineering services for Five Points Intersection project and authorize the execution of said contract.

Sample Motion

Move to adopt the Resolution approving the award of an engineering services contract to Olsson, Inc. in an amount not to exceed \$285,554.06 and authorizing the Mayor to execute the agreement.

RESOLUTION

SIGNING OF CONSTRUCTION ENGINEERING SERVICES AGREEMENT – BK2276

City of Grand Island Resolution

No. _____2022-356_____

Whereas: City of Grand Island is developing a transportation project for which it intends to obtain Federal funds; and

Whereas: City of Grand Island as a sub-recipient of Federal-Aid funding is charged with the responsibility of expending said funds in accordance with Federal, State, and local laws, rules, regulations, policies, and guidelines applicable to the funding of the Federal-aid project; and

Whereas: City of Grand Island and Olsson, Inc. wish to enter into a Professional Services Agreement to provide Construction Engineering Services for the Federal-aid project.

Be It Resolved: by the City Council of the City of Grand Island that:

Roger G. Steele, Mayor of the City of Grand Island, is hereby authorized to sign the attached Construction Engineering Services Agreement between City of Grand Island, Nebraska and Olsson, Inc.

NDOT Project Number: HSIP-5409(3)

NDOT Control Number: 42863

NDOT Project Description: Five Points Intersection, Grand Island

Adopted this 20th day of December, 2022 _____ at Grand Island Nebraska.
(Month)

The City Council of the City of Grand Island, Nebraska

Board/Council Member _____
Moved the adoption of said resolution
Member _____ Seconded the Motion
Roll Call: _____ Yes _____ No _____ Abstained _____ Absent
Resolution adopted, signed and billed as adopted

Attest:

Signature City Clerk

Exhibit "D"