



TO: Mayor Tom Ross
Members of the City Council

FROM: Stephen Joersz, P.E., P.T.O.E., Traffic Engineer

DATE: February 21, 2022

SUBJECT: 2023 STREETLIGHT IMPROVEMENT AWARD OF BID (4706)

I. RECOMMENDED ACTION

1. Recommend the Council award the low bid to Main Electric Construction, Inc. in the amount of \$328,141.40; and
2. Authorize the Mayor to sign the Agreement upon concurrence of award from the North Dakota Department of Transportation (NDDOT).

II. DEPARTMENT CONTACT PERSONS

Lance Meyer, City Engineer	(701) 857-4100
Stephen Joersz, Traffic Engineer	(701) 857-4100

III. DESCRIPTION

A. Background

The City has received \$416,405 of federal COVID relief funds that as part of the 2022 City of Minot Capital Improvement Plan was directed to streetlight LED conversions. The federal COVID relief funding is tied to improvements on urban roadways, as classified with the North Dakota Department of Transportation. The City has worked with the NDDOT on a plan set and the NDDOT conducted a bid opening.

B. Proposed Projects

The 2023 Streetlight Improvement is an LED luminaire conversion project. This project will replace existing HPS (high pressure sodium) luminaires with more energy efficient LED luminaires. A total of 71 utility post top and 206 davit arm luminaires will be replaced as part of this project.

C. Consultant Selection

On Friday, February 3, 2022; bids were opened for the 2023 Streetlight Improvement. Below is a bid tabulation summary that illustrates the bids and engineers estimate.

Engineer’s Estimate	\$437,848.20
COVID Funding	\$416,405.00

Bid Tabulation

Main Electric Construction Inc.	\$ 328,141.40
Parsons Electric LLC	\$ 373,531.93
Strata Corporation	\$ 432,807.60

The Engineering Department recommends that the 2023 Streetlight Improvement project be awarded to Main Electric Construction Inc. with their bid of \$328,141.40. Overall, this is a very favorable bid for the City and is 25.1% under the engineer's estimate.

IV. IMPACT:

A. Strategic Impact:

N/A

B. Service/Delivery Impact:

N/A

C. Fiscal Impact:

COVID Relief Funding is 100% eligible with a cap for the City of Minot of \$416,405. With an engineer's estimate of \$437,848.20, a previous budget amendment accounted for a potential cost overrun of the federal funding allotment and the addition of a consultant for construction inspection. This previous budget amendment totaled \$36,443.20.

The estimated project cost share at this time is as follows:

<u>Project Costs</u>	
Construction	\$ 328,141.40
<u>Engineering and Inspection</u>	\$ 32,814.14
Total Cost	\$ 360,955.54
COVID Federal Funding	\$ 360,955.54
COVID City Funding	\$ 0.00

V. CITY COUNCIL ASPIRATIONS

This item achieves the aspirations of safe and welcoming and excellent and connected.

VI. ALTERNATIVES

1. Council could choose to reject the bid and rebid the project. It is not anticipated that the City would receive a more favorable bid in the future. Product costs are continually on the rise and product availability can change from month to month. In this case, the City would need to work the NDDOT on a rebid timeline, this would delay the LED luminaire implementation.
2. Council could choose to reject the bid and delay the installation of LED luminaires throughout the city.

VII. TIME CONSTRAINTS

The award of bid for Main Electric Construction Inc. must be approved by March 3, 2023 to meet the 30 day award period by the NDDOT.

VIII. LIST OF ATTACHMENTS

- A. 2023 Streetlight Improvement Cover Sheet
- B. NDDOT Notice of Bids