



REQUEST FOR COUNCIL ACTION

MEETING DATE: March 7, 2022
PREPARED BY: Mike Opatz, Transit Administrator
AGENDA ITEM: Transit Station parking ramp LED lighting conversion bid award

PREVIOUS ACTIONS:

On November 15, 2021, the City Council approved the Maple Grove Transit 2022 Operating and Capital Improvement Program budgets.

RECOMMENDED COUNCIL ACTION:

Motion to authorize the Mayor and City Administrator to execute an agreement with BluSky Electric, LLC in an amount not to exceed \$143,600 for the Maple Grove Transit Station parking ramp LED lighting conversion bid award.

COMMENTS:

The approved 2022 Maple Grove Transit Capital Improvement Plan included the conversion of the existing fluorescent tube lighting fixtures to new LED fixtures at the Maple Grove Transit parking ramp. The City hired the consulting engineering firm Walker Parking Consultants to conduct a lighting study and to manage a retro-fit project. The study confirmed that the City would benefit from lighting conversion project.

The project impacts 278 existing fluorescent tube lighting fixtures on levels one and two of the parking ramp. The 3rd level (top) poles lights were converted in a previous project. The typical lifespan for an electronic ballast in a fluorescent light fixture is 10 years. The existing fluorescent fixtures are currently 17 years old, so they are at the end of their useful life.

Walker studied the existing and potential light levels and recommended two different LED fixtures. The LED fixture will save on energy consumption equating to about \$4,700 in annual electrical cost savings. In addition, the new LED fixtures will provide for bright and consistent light levels all year long. One problem with fluorescent tube lamps is that they lose lumens in cold winter weather. The new LED fixtures will help create a safe and secure environment in the parking ramp with bright light levels. The engineer's cost estimate for the provision and installation of the LED conversion project was \$148,000. The lighting retrofit will comply with the 2020 Minnesota Energy Code.

Based on the above study, Walker Parking Consultants created a LED light conversion bid document that staff released on February 10, 2022. Bids were due on February 28, 2022. The City received the following three bid responses:

Firm Name	Bid Amount
Egan	\$181,564
Premiere Electrical Corporation	\$145,400
BlueSky Electric, LLC	\$143,600

Based on the review of the bid responses, Walker Consulting and staff recommend the bid award to BlueSky Electric, LLC as the lowest responsive bidder at \$143,600. The project will be funded from the transit capital fund. Upon approval, work will commence by late March 2022 and be completed by the end of August 2022.

Attachment A is the proposed agreement to be executed between the City of Maple Grove and BlueSky Electric, LLC. Attachment B is the BlueSky Electric, LLC bid response for this project. The attachments have been reviewed by the city attorney.

ATTACHMENTS:

Attachment A: Proposed agreement with BlueSky Electric LLC.

Attachment B: BlueSky Electric LLC bid response.