City of Joliet

150 West Jefferson Street
Joliet, IL 60432

# Memo

**File #:** 335-24 **Agenda Date:**7/16/2024

**TO:** Mayor and City Council

**FROM:** Beth Beatty, City Manager

**SUBJECT:**
Award of Contract for the 2024 Advanced Traffic Management System Phase A Project - MFT Section. No. 21-00546-01-TL to H&H Electric Co. in the amount of $1,040,442.25

**BACKGROUND:**
The 2024 City Budget includes funding for the City's Advanced Traffic Management System (ATMS) - Phase A Project. This ATMS project is the first phase in modernizing the City's traffic signal systems. The existing traffic signal system is a closed-loop signal system that has exceeded its life expectancy and uses dated hardware, software, and communications technology. The existing system can no longer keep pace with traffic demands in the region and does not support modern traffic management solutions (equipment, software, and data analytics) to facilitate safe and efficient traffic movement. This new ATMS will combine new traffic signal controllers and central management software utilizing a new Ethernet-based communications network to allow the City, IDOT, and other stakeholders to remotely manage traffic signals and traffic flow in the region. The ATMS will replace existing closed loop systems (controllers, modems, and communication network) which have been installed throughout the City dating back to the 1980s. The existing communication cable and conduit installed as part of the closed loop systems will be used to the extent possible to provide an upgraded Ethernet communication backbone to support the ATMS. This matter will be reviewed at the July 15, 2024 Public Service Committee Meeting.

**CONCLUSION:**
On Wednesday, July 3, 2024 at 11:30 A.M., three (3) sealed bids were received for the 2024 Advanced Traffic Management System Phase A Project. The bid summary is as follows:

| CONTRACTOR | BID AMOUNT |
|---|---|
| H&H Electric Co. | $1,040,442.25 |
| Thorne Electric Company | $1,188,775.40 |
| Meade Electric Company | $1,327,304.69 |
| | |
| Engineer's Estimate | $1,040,931.82 |

The low bid by H&H Electric Co., in the amount of $1,040,442.25, is 0.05% below the engineer's estimate.

Sufficient funds exist utilizing the Motor Fuel Tax Fund / Infrastructure (Org 20090270, Object 557200, $1,040,442.25).

**RECOMMENDATION:**

Based on the above, it is recommended that the Mayor and City Council award a Contract for the 2024 Advanced Traffic Management System - Phase A, in the amount of $1,040,442.25, to H&H Electric Co.