

2S. Consideration of adopting Resolution 2023-72 accepting bids and awarding the Flashing Yellow Arrow (FYA) Upgrades Project to Design Electric, Inc in the amount of \$387,450

<p>Prepared by: Project Engineer</p>	<p>Meeting Date: 8/14/2023</p>	<p><input checked="" type="checkbox"/> Consent Agenda Item <input type="checkbox"/> Regular Agenda Item</p>
<p>Reviewed by: Public Works Director/City Engineer, Finance Director</p>	<p>Approved by: City Administrator</p>	

ACTION REQUESTED

Motion to adopt Resolution 2023-72 accepting bids and awarding the Flashing Yellow Arrow (FYA) Upgrades Project to Design Electric, Inc. in the amount of \$387,450.

PREVIOUS COUNCIL ACTION

- January 9, 2023:** Authorized SEH to provide engineering services for Flashing Yellow Arrow (FYA) Upgrades project for a total cost of \$31,000.
- June 12, 2023:** Approved plans and specifications and authorized to bid for the Flashing Yellow Arrow upgrades project.
- July 10, 2023:** Accepted grant from the Minnesota Department of Transportation (MNDOT) for the Flashing Yellow Arrow (FYA) Upgrades Project.

REFERENCE AND BACKGROUND

The City of Monticello was successful in securing \$300,000 in funding from MNDOT’s Local Partnership Program (LPP) to be used for upgrading the following intersections to include flashing yellow arrows:

- TH 25 at School Boulevard
- TH 25 at Chelsea Road
- TH 25 at I-94 Eastbound Ramp
- TH 25 at I-94 Westbound Ramp
- Fenning Avenue at I-94 Westbound Ramp
- Fenning Avenue at I-94 Eastbound Ramp
- Broadway Street at Elm Street
- Broadway Street at Hospital Access/Middle School Access
- Broadway Street at Highland Way

Three bids were received for the project on Tuesday, July 18, 2023. The bids ranged from \$387,450 to \$565,533 for the base bid items. The engineer's estimate for the base bid was \$455,000.

Staff recommends only awarding the base bid items and not accepting any of the alternates. One bid alternate was for painting the signal standards that are part of this project, and based on pricing received, staff recommends that a more comprehensive plan be developed in the next few years to paint the signal poles that need it throughout the city. An additional alternative was to provide video detection at a few of the Wright County operated signals. Wright County will look at programming this in the next few years as they have funding available.

A construction schedule will be provided following award, and construction will be dependent on the delivery of materials required for the project. The project is expected to be complete by early spring 2024.

- I. **Budget Impact:** The overall project budget including construction and engineering is in the 2023 budget for \$700,000 within the Street Lighting Improvement Fund, which was offset by an assumed \$457,500 in contributions from MNDOT and Wright County.

In addition to the \$387,450 construction cost, MNDOT is furnishing controller cabinets for the project for a total cost of \$228,276.00. The total project cost will be \$646,726 including the \$31,000 engineering contract. The cost splits are \$209,097.70 from MNDOT Local Partnership Program (LPP) and \$215,568.70 from Wright County resulting in the City's cost of \$222,059.60.

- II. **Staff Workload Impact:** City engineering staff will be involved in this project.

- III. **Comprehensive Plan Impact:** N/A

STAFF RECOMMENDED ACTION

City staff recommends adopting Resolution 2023-72 accepting bids and awarding the project to Design Electric, Inc For the Flashing Yellow Arrow (FYA) Upgrades Project in the amount of \$387,450.

SUPPORTING DATA

- A. Resolution 2023-72
- B. SEH recommendation letter

**CITY OF MONTICELLO
WRIGHT COUNTY, MINNESOTA
RESOLUTION NO. 2023-72**

**ACCEPTING BIDS AND AWARDING CONTRACT FOR THE FLASHING YELLOW ARROW (FYA)
UPGRADES PROJECT**

WHEREAS, pursuant to an advertisement for bids for the project, the following improvements for the Flashing Yellow Arrows Upgrades Project include areas of:

- TH 25 at School Boulevard
 - TH 25 at Chelsea Road
 - TH25 at I-94 Eastbound Ramp
 - TH 25 at I-94 Westbound Ramp
 - Fenning Avenue at I-94 Westbound Ramp
 - Fenning Avenue at I-94 Eastbound Ramp
 - Broadway Street at Elm Street
 - Broadway Street at Hospital Access/Middle School Access
 - Broadway Street at Highland Way
- **WHEREAS**, bids were received, opened, and tabulated, and the following three bids were found to comply with the advertisement for bids:

Contractor	Grand Total Bid
Design Electric, Inc.	\$387,450
Killmer Electric Company Inc.	\$391,095
Premier Electrical Corporation	\$565,533

WHEREAS, the bid from Design Electric, Inc. in the amount of \$387,450 for the total bid for the construction of said improvements for the Flashing Yellow Arrow (FYA) Upgrades Project, in accordance with the approved plans and specifications and advertisement for bids, is the lowest responsible bidder and shall be and hereby is accepted.

NOW THEREFORE, BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF MONTICELLO:

1. The Mayor and City Administrator are hereby authorized and directed to enter into a contract with said bidder for the construction of said improvements for and on behalf of the City of Monticello.
2. The City Administrator is hereby authorized and directed to return forthwith to all bidders the deposits made with their bids, except that the deposit of the successful bidder and the next lowest bidder shall be retained until a contract has been executed.

ADOPTED BY the Monticello City Council this 14th day of August, 2023.

CITY OF MONTICELLO

ATTEST:

Lloyd Hilgart, Mayor

Jennifer Schreiber, City Clerk

DRAFT



Building a Better World
for All of Us®

July 18, 2023

RE: Monticello, Minnesota
Nine (9) Revise Signal Systems
State Project No. 8823-411
SEH No. MONTI 171623

Mr. Matt Leonard, PE
Public Works Director – City Engineer
City of Monticello
505 Walnut Street, Suite 1
Monticello, Minnesota 55362

Mr. Ryan Melhouse, PE
Project Engineer
City of Monticello
505 Walnut Street, Suite 1
Monticello, Minnesota 55362

Dear Matt and Ryan:

On Tuesday, July 18, 2023, the City of Monticello opened bids on-line via QuestCDN for the revision of nine (9) existing traffic signal systems under State Project No. 8823-411. Work is proposed to be completed on this project at the following intersections:

- Trunk Highway 25 at School Boulevard
- Trunk Highway 25 at Chelsea Road
- Trunk Highway 25 at Interstate 94 Eastbound Ramp/Oakwood Drive
- Trunk Highway 25 at Interstate 94 Westbound Ramps
- CSAH 18 at Interstate 94 Eastbound Ramp/Chelsea Road
- CSAH 18 at Interstate 94 Westbound Ramp/7th Street
- CSAH 18 / CSAH 39 (Riverview Drive) at CSAH 75 (East Broadway)
- CSAH 75 (East Broadway) at Highland Way/Hart Boulevard
- CSAH 75 (East Broadway) at Hospital/Monticello Middle School Entrances

The project included a Base Bid (for flashing yellow arrow modifications and other modifications) and an Add Alternate Bid (for repainting 4 signal systems and for video detection system upgrades/installations at the 3 existing signal systems along CSAH 75). The Special Provisions for the project stated that:

The City of Monticello has the discretion to accept or reject a bid for the installation of the Base Bid work only; and the City may also accept or reject a bid for the Alternate Bid work (all in consultation with the Wright County Highway Department).

The City of Monticello will not accept bids from separate Contractors to complete the Base Bid and Alternate Bid work separately (one Contractor will be selected for either the Base Bid only, or the Base Bid and the Alternate Bid). Note that the Alternate Bid work will not be approved unless the Base Bid work is also approved.

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 3535 Vadnais Center Drive, St. Paul, MN 55110
SEH is 100% employee-owned | sehinc.com | 651.490.2000 | 800.325.2055 | 888.908.8166 fax

Three (3) bids were received, and the total bids and Engineer's estimate are shown below:

	<u>Base Bid</u>	<u>Alternate Bid</u>	<u>Total Bid</u>
1. Design Electric Inc.	\$387,450.00	\$224,637.00	\$612,087.00
2. Killmer Electric Company Inc.	\$391,095.00	\$187,780.00	\$578,875.00
3. Premier Electrical Corporation	\$565,533.00	\$237,123.00	\$802,656.00
Engineer's Estimate	\$455,000.00	\$153,000.00	\$608,000.00

For your information, the Engineer's estimate for this project was compiled by tabulating the amount of materials and labor needed to complete this work. These quantities were then multiplied by estimated unit costs for each item, based on recent bid costs and MnDOT cost summaries for these items to obtain an estimate for the project work. The total Engineer's estimate of \$455,000 for the Base Bid and \$153,000 for the Alternate Bid is the summary of the bid items for the project work.

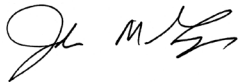
Both Design Electric Inc. and Killmer Electric Company Inc. have a great deal of experience in the construction of traffic signals and related flashing yellow arrow improvements. Our recent experiences with both contractors (including recent projects throughout the Twin Cities area and State of Minnesota over the past several years) have been positive, and both company's work have proven to be acceptable.

Should the City and Wright County elect to proceed with **just the Base Bid work**, we recommend that the City Council award the contract to Design Electric Inc. in the amount of \$387,450.00.

Should the City and Wright County elect to proceed with **both the Base Bid and Alternate Bid work**, we recommend that the City Council award the contract to Killmer Electric Company Inc. in the amount of \$578,875.00.

Please feel free to contact me at 651.402.4383 if you have any questions on the above information, or on the project in general.

Sincerely,
SHORT ELLIOTT HENDRICKSON INC.



John M. Gray, PE
Project Engineer

jmg