

ITEM #: 24
DATE: 04-12-22

COUNCIL ACTION FORM

SUBJECT: CYRIDE BATTERY ELECTRIC BUS SYSTEM IMPROVEMENTS PROJECT – AWARD OF CONTRACT

BACKGROUND:

At the City Council meeting on March 22, 2022, staff reported bids for the CyRide Battery Electric Bus System Improvements project (Bid No. 2022-096). As noted during that meeting, the City of Ames Purchasing Policy requires that bid results are reported at the City Council meeting immediately following receipt of bids. This occurred prior to the scheduled Transit Board meeting on March 23, 2022. The Transit Board has now approved an award of contract for this project, enabling this item to be considered by City Council.

The bid tabulation is attached, with results summarized below.

Bidder	Base Bid	Alternate #1
Jaspering Electric Inc.	\$ 282,800	\$ 10,400
Van Maanen Electric Inc.	\$ 299,000	\$ 10,000

This project was originally released for bid on February 8, 2022, with bids due March 9, 2022. The table below shows the specific funding available for this project.

Description	Federal Funds	Local Funds	Total
Facility Construction	\$129,370	\$22,830	\$152,200
Depot Charger – Savings from Favorable Bid	\$37,400	\$6,600	\$44,000
Transfer from Operations Fund Closing Balance	-	\$101,961	\$101,961
Total	\$166,770	\$131,391	\$298,161

Plans and specifications call for installing a transformer pad for the 480-volt transformer, new facility switchgear and its associated platform, a charger platform, and installation of the purchased charging equipment. All new equipment will be installed at a height that reduces the risk of water damage during flooding and permits general facility maintenance. A single alternate was also included in the specifications to extend the charger platform to accommodate two additional chargers.

The low bid on the project was from Jaspering Electric Inc. of Ames, Iowa. The low bidder noted in their response that the desired completion date of June 24, 2022, could not be met due to supply chain issues with the electrical switchgear. The expected delay for the switchgear is approximately 30 weeks, which aligns with research that the Architecture

and Engineering (A&E) firm communicated to CyRide while the invitation to bid was open. The A&E firm has identified a temporary power solution that will allow the charger and dispensers to be functional when the electric buses arrive and enable the switchgear to be installed as the permanent solution upon delivery.

CyRide staff, in consultation with the A&E firm, has evaluated the bids received and believes that the base bid response is a good value for CyRide. A letter of recommendation from the A&E firm is attached to this CAF. Based upon the bid cost of Alternate #1, the potential for CyRide to purchase future chargers from a different manufacturer, and the need to leave contingency funding for change orders, staff do not believe selecting Alternate #1 would be in CyRide's best financial interest.

At their meeting on March 23, 2022, the Transit Board approved award of contract to Jaspering Electric Inc. for the base bid only, rejecting bid Alternate #1.

ALTERNATIVES:

1. Award the contract for the CyRide Electric Bus System Upgrades project to Jaspering Electric Inc. of Ames, Iowa for the base bid amount of \$282,800 and reject bid Alternate #1.
2. Reject the bids and direct staff to proceed according to Council priorities.

CITY MANAGER'S RECOMMENDED ACTION:

Awarding the contract to Jaspering Electric Inc. will allow CyRide to proceed with facility improvements and alternations needed to support the battery electric buses at the best possible cost to the transit system. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as state above.



March 11, 2022

Ms. Barbara Neal, Director of Transit
CyRide
601 N. University Boulevard
Ames, IA 50010

Ms. Neal,

There were two responsive bidders which submitted proposals for the CyRide Electric Bus System Upgrades. Of the two bids, there was one bid exceeding the Opinion of Probable Cost and one that was below it.

We recommend the acceptance of the bid proposal from Jaspering Electric Inc. to complete work associated with the base bid as described in the project specifications for \$282,800.

Please note that the low bidder indicated that the proposed schedule in the design documents was not feasible due to supply chain issues. Accepting their bid would mean that they could not be held to the original schedule. However, the design team is willing to work with the selected contractor to deliver this project on a revised timeline that is acceptable to CyRide.

We believe the low bid will bring a good value to CyRide.

Regards,

A handwritten signature in black ink, appearing to read "Ryan M. Carter". The signature is stylized with a large, sweeping initial "R" and a long, horizontal flourish extending to the right.

Ryan M. Carter, AIA, NCARB

CITY OF AMES, IOWA	5% Bid Bond	Bidders Status Form	Buy America Requirements Form	Lobbying Form	Form 1: DBE Utilization	Form 2: DEB Letter of Intent	IA DOT Non-Collusion Binding Certification	Addendum #1 & 2	BASE BID	Add Alternate #1
mike.adair@cityofames.org										
BID NO. 2022-096										
CyRide Electric Bus System Upgrades										
BIDDERS										
Jaspering Electric Inc.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	\$282,800.00	\$10,400.00
Van Maanen Electric Inc.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	\$299,000.00	\$10,000.00