



City of Grand Island

Tuesday, June 22, 2021

Council Session

Item G-6

#2021-139 - Approving Bid Award - 115 kV Relay Setting - 2021

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director
Stacy Nonhof, Interim City Attorney

Meeting: June 22, 2021

Subject: 115kV Relay Setting - 2021

Presenter(s): Timothy Luchsinger, Utilities Director

Background

The Grand Island Electric System utilizes a 115,000-volt transmission loop that connects eight substations around the city. This transmission loop is protected by relaying that monitors the power flowing on these lines. The Utilities Department is in the process of replacing aging relaying around the loop. These relays use internal calculations in real time to determine if the power is flowing safely. These calculations can vary greatly based on the length and construction of the line, and all electrical equipment connected to that line. When correctly configured, these relays are capable of isolating faulted lines quickly and without outages on unaffected equipment.

The Utilities Department does not have the software or personnel available to model the system and determine the proper relay settings. When considering reliability as the primary driver, it is desirable to have someone with extensive specialized experience perform this modeling and develop the settings for the new relays.

Discussion

Bids were received by the City of June 1, 2021, for the contract labor and materials for the 115kV Settings – 2021. The two bids received were:

Bidder	Bid Price
Mesa Associates, Inc. Knoxville, Tennessee	\$ 77,140.00
SynchroGrid College Station, Texas	\$107,000.00

The engineer's estimate for this contract is \$85,000.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the bid from Mesa Associates, Inc., of Knoxville, Tennessee, for 115kV Relay Setting – 2021, in the amount of \$77,140.00.

Sample Motion

Move to approve the bid from Mesa Associates, Inc., for the 115kV Relay Setting – 2021, in the amount of \$77,140.00.



Stacy Nonhof, Purchasing Agent

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Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: June 1, 2021 at 2:00 p.m.
FOR: 115 kV Relay Setting Proposal 2021
DEPARTMENT: Utilities
ESTIMATE: \$85,000.00
FUND/ACCOUNT: 52001092-59200
PUBLICATION DATE: May 4, 2021
NO. POTENTIAL BIDDERS: 6

SUMMARY

Bidder:	<u>Mesa Associates, Inc.</u> Knoxville, TN	<u>SynchroGrid</u> College Station, TX
Bid Security:	Cashier Check	Cashier's Check
Exceptions:	None	None
Bid Price:	\$77,140.00	\$107,000.00

cc: Tim Luchsinger, Utilities Director
Jerry Janulewicz, City Administrator
Stacy Nonhof, Purchasing Agent

Pat Gericke, Utilities Admin. Assist.
Patrick Brown, Finance Director
Travis Spiels, Electrical Engineer

P2281

RESOLUTION 2021-139

WHEREAS, the City of Grand Island invited bids for 115kV Relay Setting - 2021, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on June 1, 2021, bids were received, opened and reviewed; and

WHEREAS, Mesa Associates, Inc., of Knoxville, Tennessee, submitted a bid in accordance with the terms of the advertisement of bids and plans and specifications and all other statutory requirements contained therein, such bid being in the amount of \$77,140.00; and

WHEREAS, the bid of Mesa Associates, Inc., is than the estimate for 115 Relay Setting – 2021.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Mesa Associates, Inc., the amount of \$77,140.00 for 115 kV Relay Setting - 2021, is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, June 22, 2021.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☒ _____
June 17, 2021	☒ City Attorney