



City of Grand Island

Tuesday, September 11, 2012

Council Session

Item G11

**#2012-246 - Approving Bid Award - Turbine Generator Stage 10
Bucket Replacement & Rotor Requirements**

Staff Contact: Tim Luchsinger, Jason Eley

Council Agenda Memo

From: Timothy G. Luchsinger, Utilities Director
Jason Eley, City Attorney

Meeting Date: September 11, 2012

Subject: Platte Generating Station Turbine Generator Stage 10
Bucket Replacement and Rotor Repair Requirements

Item #'s: G-11

Presenter(s): Timothy G. Luchsinger, Utilities Director

Background

A major inspection and overhaul of the turbine generator at the Platte Generating Station is performed every five years. The next overhaul is scheduled for the fall of this year. During this inspection, the turbine generator is completely disassembled and all components are cleaned, inspected, repaired or replaced as necessary. During the 2007 inspection it was recommended that the Stage 10 turbine buckets be replaced. The replacement parts have already been procured under a separate specification and bid. Plant engineering staff then developed specifications for the associated Stage 10 bucket installation work, as well as for performing rotor repair services that are typically required after removal and inspection of the turbine rotor.

Discussion

The specifications for the Platte Generating Station Turbine Generator Stage 10 Bucket Replacement and Rotor Repair Requirements were advertised and issued for bid in accordance with the City Purchasing Code. Bids were publicly opened on August 30, 2012. Specifications were sent to 18 potential bidders and four responses were received as listed below. The base bid includes the work associated with the rotor bucket replacement, while the budgetary time and material is a bank of labor hours for which associated repair work will be charged on an actual usage basis using unit hourly labor prices. The engineer's estimate for this project was \$130,000.00.

Bidder	Base Bid	Budgetary T&M	Total Bid Price
Reliable Turbine Services Sullivan, Missouri	\$ 71,595.00	\$ 37,199.00	\$ 108,794.00
General Electric Company Omaha, Nebraska	\$ 57,360.00	\$ 66,080.00	\$ 123,440.00
Power Generation Service, Inc. Anoka, Minnesota	\$152,750.00	\$ 75,000.00	\$ 227,750.00
Elliot MVP Services, Inc. Barnhart, Missouri	\$223,871.00	\$ 61,912.00	\$ 285,783.00

The bids were reviewed by plant engineering staff, and Reliable Turbine Services' bid is compliant with specifications and less than the engineer's estimate.

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 award the Contract for Platte Generating Station Turbine Generator Stage 10 Bucket Replacement and Rotor Repair Requirements to Reliable Turbine Services of Sullivan, Missouri, as the low responsive bidder, with a bid in the amount of \$108,794.00.

Sample Motion

Move to approve the bid of \$108,794.00 from Reliable Turbine Services for the Platte Generating Station Turbine Generator Stage 10 Bucket Replacement and Rotor Repair Requirements.



Jason Eley, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: August 30, 2012 at 2:00 p.m.
FOR: PGS Turbine Generator Stage 10 Bucket Replacement and Rotor Repair Requirements
DEPARTMENT: Utilities
ESTIMATE: \$130,000.00
FUND/ACCOUNT: 520
PUBLICATION DATE: August 20, 2012
NO. POTENTIAL BIDDERS: 18

SUMMARY

Bidder:	<u>Reliable Turbine Services</u> Sullivan, MO	<u>Elliott MVP Services, Inc.</u> Barnhart, MO
Bid Security:	Cashier's Check	Great American Ins. Co.
Exceptions:	None	None
Bid Price:		
Material:	\$ 7,000.00	\$ 11,155.00
Labor:	\$64,595.00	\$211,935.00
Sales Tax:	\$ ---	\$ 781.00
Total Bid:	\$71,595.00	\$223,871.00
T & M Estimate:	\$37,199.00	\$61,912.00
Bidder:	<u>General Electric Co.</u> Omaha, NE	<u>Power Generation Service, Inc.</u> Anoka, MN
Bid Security:	Travelers Casualty & Surety Co.	RLI Insurance Co.
Exceptions:	Noted	Noted
Bid Price:		
Material:	---	----
Labor:	\$57,360.00	\$151,000.00
Sales Tax:	\$ ---	\$ 1,750.00
Total Bid:	\$57,360.00	\$152,750.00
T & M Estimate:	\$66,080.00	\$ 75,000.00

cc: Tim Luchsinger, Utilities Director
Jason Eley, Purchasing Agent
Darrell Dorsey, Utilities Dept.
Mary Lou Brown, City Administrator

Bob Smith, Assist. Utilities Director
Pat Gericke, Utilities Admin. Assist.
Karen Nagel, Utilities Secretary

P1584

RESOLUTION 2012-246

WHEREAS, the City of Grand Island invited sealed bids for Station Generator Stage 10 Bucket Replacement and Rotor Repair Requirements at Platte Generating Station, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on August 30, 2012, bids were received, opened and reviewed; and

WHEREAS, Reliable Turbine Services of Sullivan, Missouri, 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 \$108,794.00; and

WHEREAS, the bid of Reliable Turbine Services is less than the estimate for the Station Generator Stage 10 Bucket Replacement and Rotor Repair Requirements at Platte Generating Station.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Reliable Turbine Services of Sullivan, Missouri in the amount of \$108,794.00, for Station Generator Stage 10 Bucket Replacement and Rotor Repair Requirements at Platte Generating Station, is hereby approved as the lowest responsible bid.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, September 11, 2012.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☒ _____
September 7, 2012	☒ City Attorney