



City of Grand Island

Tuesday, September 08, 2009

Council Session

Item G5

**#2009-210 - Approving Burdick Station GT1 Generator Rotor
Inspection and Testing**

Staff Contact: Gary R. Mader; Wes Nespor

Council Agenda Memo

From: Gary R. Mader, Utilities Director
Wesley Nespor, Asst. City Attorney/Purchasing

Meeting: September 8, 2009

Subject: Burdick GT1 Generator Rotor Inspection and Testing

Item #'s: G-5

Presenter(s): Gary R. Mader, Utilities Director

Background

The Burdick Station GT-1 is a combustion turbine-generator installed in 1967 and is the only City generating unit that can be started in the event of an electric system blackout. This unit has been experiencing high vibration levels during operation and is currently restricted to operation only in emergency situations. Preliminary testing indicates that the cause of the high vibration is associated with mechanical or electrical issues within the generator rotor. Specifications to inspect and test the rotor were drafted and issued for bids in accordance with City procurement procedures.

Discussion

Bids for Burdick GT1 Generator Rotor Inspection and Testing were publicly opened on August 20, 2009. Specifications were sent to nine potential bidders and responses were received as listed below. The engineer's estimate for this project was \$80,000.00.

Bidder	Bid Price
TurboCare Generator Services, Inc.	\$ 75,627.38
GE Energy	\$ 95,532.00
Mechanical Dynamics & Analysis, Ltd.	\$ 99,500.00

The bids were reviewed by plant staff. TurboCare proposed some minor revisions regarding contract language and insurance to the commercial specifications. These revisions were reviewed by City legal staff and the final contract form was mutually accepted. TurboCare is otherwise compliant with the specifications and their bid is 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 Burdick GT1 Generator Rotor Inspection and Testing to TurboCare Generator Services, Inc. of Farmington, New Mexico, as the low responsive bidder, in the amount of \$75,627.38.

Sample Motion

Move to approve award of the bid of \$75,627.38 from TurboCare Generator Services, Inc. for the Burdick GT1 Generator Rotor Inspection and Testing as submitted.



Wes Nespor, Purchasing Agent

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Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: August 20, 2009 at 11:00 a.m.
FOR: GT 1 Generator Rotor Inspection and Testing
DEPARTMENT: Utilities
ESTIMATE: \$80,000.00
FUND/ACCOUNT: 520
PUBLICATION DATE: July 28, 2009
NO. POTENTIAL BIDDERS: 9

SUMMARY

Bidder:	<u>TurboCare Generator Services, Inc.</u> Farmington, NM	<u>GI Energy</u> Omaha, NE
Bid Security:	Federal Insurance Company	Fidelity & Deposit Co.
Exceptions:	Noted	None

Bid Price:		
Material:	\$19,848.00	\$ 7,600.00
Labor:	54,390.00	87,400.00
Sales Tax:	<u>1,389.38</u>	<u>532.00</u>
Total:	\$75,627.38	\$95,532.00

Bidder:	<u>Mechanical Dynamics & Analysis, Ltd.</u> Latham, NY
Bid Security:	RLI Insurance Company
Exceptions:	Noted

Bid Price:	
Material:	\$6,875.00
Labor:	92,143.00
Sales Tax:	482.00
Total:	\$99,500.00

cc: Gary Mader, Utilities Director
Dale Shotkoski, City Attorney
Jeff Pederson, City Administrator
Larry Keown, Power Plant Supt.

Bob Smith, Assist. Utilities Director
Wes Nespor, Purchasing Agent
Pat Gericke, Utilities Admin. Assist.
Karen Nagel, Utilities Secretary

P1355

RESOLUTION 2009-210

WHEREAS, the City Electric Department invited sealed bids for Generator Rotor Inspection and Testing of GT1 at Burdick Station; and

WHEREAS, on August 20, 2009, bids were received, opened and reviewed; and

WHEREAS, TurboCare Generator Services, Inc., of Farmington, New Mexico, 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 \$75,627.38; and

WHEREAS, the bid of TurboCare Generator Services, Inc. is less than the estimate for GT1 Generator Rotor Inspection and Testing at Burdick Station.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of TurboCare Generator Services, Inc., of Farmington, New Mexico, in the amount of \$75,627.38 for GT1 Generator Rotor Inspection and Testing at Burdick Station is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, September 8, 2009.

Margaret Hornady, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form ☐ _____
September 3, 2009 ☐ City Attorney