



# City of Grand Island

Tuesday, August 14, 2007

Council Session

## Item G6

**#2007-192 - Approving Request for Proposal for Turbine  
Generator Overhaul - Technical Representation & Steam Path  
Audit - Platte Generating Station**

Staff Contact: Gary R. Mader; Wesley Nespor

# **Council Agenda Memo**

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

**Meeting:** August 14, 2007

**Subject:** Turbine Generator Overhaul: Technical Representation  
and Steam Path Audit

**Item #'s:** G-6

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

## **Background**

Platte Generating Station has been in service since 1982, and a major inspection of the turbine generator is performed every five years. The next overhaul is scheduled for the fall of this year and will be performed by a contractor specializing in this type of work. The plant staff will monitor the work of the overhaul contractor, but typically procures the services of a separate contractor to provide technical consultation and oversight of the overhaul. In addition, this year the consultant will also analyze the condition of the turbine and provide recommendations for equipment life extension and efficiency improvements through the process of a steam path audit. This audit involves detailed dimensional and component surface analysis referenced to the original equipment specifications. Plant staff developed specifications for solicitation of these consulting services and issued them in accordance with City procurement procedures. This contract provides a qualified individual to serve as the owner's technical representative for the duration of the turbine generator inspection and repair and provide reporting for the steam path auditing.

## **Discussion**

The specifications for the Turbine Generator Overhaul: Technical Representation and Steam Path Audit were issued for bid and responses were received from the following bidders. The engineer's estimate for this project was \$105,000.00.

<u>Bidder</u>	<u>Bid Price</u>
GE Energy, Omaha, NE	\$ 159,420.00
Power Generation Service, Anoka, MN	\$ 104,850.00

Department Staff reviewed the bids for compliance with the City's detailed specifications. The bid of Power Generation Service is compliant with those specifications.

### **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 Council award the bid to Power Generation Service from Anoka, Minnesota, as the low responsive bidder, with the bid price of \$104,850.00.

### **Sample Motion**

Motion to approve the bid of \$104,850.00 from Power Generation Service for the Turbine Generator Overhaul: Technical Representation and Steam Path Audit as submitted.



Dale M. Shotkoski, Assistant City Attorney

*Working Together for a  
Better Tomorrow, Today*

**REQUEST FOR PROPOSAL  
FOR  
TURBINE GENERATOR OVERHAUL – TECHNICAL  
REPRESENTATION AND STEAM PATH AUDIT**

**RFP DUE DATE:** July 12, 2007 at 4:00 p.m.

**DEPARTMENT:** Utilities

**PUBLICATION DATE:** June 28, 2007

**NO. POTENTIAL BIDDERS:** 3

**SUMMARY OF PROPOSALS RECEIVED**

**GE Energy**  
Omaha, NE

**Power Generation Service**  
Anoka, MN

**Mechanical Dynamics and Analysis, LTD**  
Latham, NY

(Proposal was rejected because there was no original  
and the proposal was not in a sealed envelope as required.)

cc: Gary Mader, Utilities Director  
Pat Gericke, Utilities Admin. Assist.  
Rodger Zawodniak, Utilities PGS  
Wes Nespor, Assist. City Attorney

David Springer, Finance Director  
Karen Nagel, Utilities Secretary  
Dale Shotkoski, City Attorney  
Sherry Peters, Legal Secretary

RESOLUTION 2007-192

WHEREAS, the City of Grand Island invited proposals for Turbine Generator Overhaul, Technical representation and Steam Path Audit, according to Request for Proposals on file with the Utilities Department; and

WHEREAS, on July 12, 2007, proposals were received, reviewed and evaluated in accordance with established criteria; and

WHEREAS, Power Generation Service of Anoka, Minnesota, submitted a proposal in accordance with the terms of the Request for Proposals and all statutory requirements contained therein and the City Procurement Code, such proposal not to exceed the amount of \$104,850.00; and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the proposal of Power Generation Service of Anoka, Minnesota, in an amount not to exceed \$104,850.00 for Turbine Generator Overhaul, Technical Representation and Steam Path Audit is hereby approved.

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such contract on behalf of the City of Grand Island.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska on August 14, 2007.

---

Margaret Hornady, Mayor

Attest:

---

Paul Briseno, Deputy City Clerk

Approved as to Form	☐
August 10, 2007	☐ City Attorney