



# City of Grand Island

Tuesday, February 08, 2005

Council Session

## Item G10

**#2005-38 - Approving Request for Proposal for Engineering Services - Transmission Line Work**

Staff Contact: Gary R. Mader;Dale Shotkoski

# **Council Agenda Memo**

**From:** Gary R. Mader, Utilities Director  
Dale Shotkoski, Asst. City Attorney/Purchasing

**Meeting:** February 8, 2005

**Subject:** Award of Contract for Transmission Line Engineering Services

**Item #'s:** G-10

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

## **Background**

The Electric Department utilizes a 115,000 volt transmission line around and through the City as the backbone of the Electric Distribution system. Generation and high voltage interconnections are on the southerly portions of this loop. Six substations on the loop are the source of power for the feeder circuits which provide power throughout the City. Five of these substations are separate from generating plants, making the 115 kV loop essential for providing electricity to our customers.

CXT Rail Products manufactures concrete ties at a manufacturing plant that is adjacent to the Union Pacific Rail Road on the east side of Grand Island. The 115 kV loop crosses the UPRR in this location. CXT intends to make improvements to their facility, through the installation of a gantry crane. To gain the additional clearance the transmission line needs to be relocated at a much higher elevation. CXT desires the reconstruction be completed with minimal delay.

## **Discussion**

Steel poles mounted on large concrete foundations are required for the modifications. Consulting engineers have the specialized experience and design tools to assist them in the design. An experienced consulting engineer should be capable of rapid design completion.

A Request for Proposals was prepared to select a Design Engineer. These services were estimated to cost less than \$100,000. The Request for Proposals was advertised in accordance with the City Purchasing Code and solicitations were sent to four engineering firms with expertise in this field.

Proposals were received until February 1, 2005. Only Advantage Engineering of Chesterfield, Missouri submitted a Proposal. Advantage Engineering advises that preparation of plans and specifications can be complete by the first week of April, 2005. Their “not to exceed” cost is \$52,000.

Advantage Engineering has previously provided Grand Island with transmission line engineering services. The firm’s work has been quite satisfactory and they are very familiar with requirements specific to Grand Island.

### **Alternatives**

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

1. Move to approve the Contract for Transmission Line Engineering Services
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 recommends awarding the Transmission Line Engineering Services Contract to Advantage Engineering of Chesterfield, Missouri, with a not to exceed cost of \$52,000.

### **Sample Motion**

Move that the Transmission Line Engineering Services Contract be awarded to Advantage Engineering of Chesterfield, Missouri, with a not to exceed cost of \$52,000.



Dale M. Shotkoski, Assistant City Attorney

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Better Tomorrow, Today*

**REQUEST FOR PROPOSAL  
FOR  
TRANSMISSION LINE ENGINEERING SERVICES**

**RFP DUE DATE:** February 1, 2005 at 11:00 a.m.  
**DEPARTMENT:** Utilities  
**PUBLICATION DATE:** January 12, 2005  
**NO. POTENTIAL BIDDERS:** 4

**SUMMARY OF PROPOSALS RECEIVED**

**Advantage Engineering, Inc.**  
Chesterfield, MO

cc: Gary Mader, Utilities Director  
Burhl Gilpin, Utilities Dept.  
Gary Greer, City Administrator  
Dale Shotkoski, Purchasing Agent

Bob Smith, Assistant Utilities Director  
Pat Gericke, Admin. Asst. Utilities  
David Springer, Finance Director  
Laura Berthelsen, Legal Assistant

**P967**

RESOLUTION 2005-38

WHEREAS, the City of Grand Island invited proposals for Transmission Line Engineering Services in accordance with a Request for Proposal on file at Phelps Control Center; and

WHEREAS, on February 1, 2005, one proposal was received, reviewed and evaluated in accordance with established criteria; and

WHEREAS, Advantage Engineering, Inc. of Chesterfield, Missouri, 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 being for an amount not to exceed \$52,000.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the proposal of Advantage Engineering, Inc. of Chesterfield, Missouri, for transmission line engineering services for an amount not to exceed \$52,000 is hereby approved.

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

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Adopted by the City Council of the City of Grand Island, Nebraska, February 8, 2005.

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RaNae Edwards, City Clerk

Approved as to Form	☐ _____
February 3, 2005	☐ City Attorney