



# City of Grand Island

Tuesday, April 08, 2003

Council Session

## Item G29

### **#2003-108 - Approving Engineering Services for Platte Generating Station Cooling Tower Fan Variable Frequency Drives**

***Background:***

*The existing cooling tower fan electrical controllers are 21 years old and a constant reliability concern. There have been numerous failures over the years. The Department Staff developed a Request for Proposal for engineering services to design and specify replacement of this aging electrical equipment with variable frequency drives (VFD's). The VFD modification will provide increased reliability and lower maintenance costs, as well as improved plant operation and power savings. Proposals were solicited accordance with City procurement procedures. The engineering services are to be performed on an actual cost/not to exceed basis. The RFP includes the Department's best analysis of the engineering required, but changes in procurement or installation requirements can occur as the detailed engineering is performed.*

***Discussion:***

*A Request for Proposals for engineering services was publicly advertised and proposals from the following firms were received: 1) Black & Veatch, Kansas City: \$62,000 and 2) Sargent & Lundy, Chicago: \$76,200*

*Using a matrix of the Department's established evaluation criteria, which included fees, company and personnel experience, contract forms, and proposal responsiveness, each proposal was independently reviewed by three engineers of our plant management staff. A tabulation of the evaluation factors indicated a consensus for Black & Veatch.*

***Recommendation:***

*It is the recommendation of the Utilities Department that Black & Veatch be awarded the contract for performing control engineering services at the Platte Generating Station for a not-to-exceed cost of \$62,000. Black & Veatch is a nationally recognized consultant, and has successfully performed engineering projects of this scope for other clients.*

***Fiscal Effects:***

*An amount not to exceed \$62,000. This project is budgeted for this year in Electric Enterprise Fund 520.*

***Alternatives:***

*Award contract to Sargent & Lundy for an amount not to exceed \$76,200. See attached RESOLUTION.*

**Staff Contact: Gary R. Mader**

RESOLUTION 2003-108

WHEREAS, the City of Grand Island invited proposals for PGS Cooling Tower Fan VFD Engineering Services for the Utilities Department, according to plans and Request for Proposals on file at the Platte Generating Station; and

WHEREAS, proposals were due on March 25, 2003; and

WHEREAS, Black & Veatch of Kansas City, Missouri, submitted a proposal in accordance with the terms of the Request for Proposals and all other statutory requirements contained therein; such proposal being in an amount not to exceed \$62,000; and

WHEREAS, a proposed agreement with Black & Veatch for such services has been reviewed and approved by the City Attorney.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the proposal of Black & Veatch of Kansas City, Missouri for PGS Cooling Tower Fan VFD engineering services for an amount not to exceed \$62,000 is hereby approved.

BE IT FURTHER RESOLVED, that an agreement between the City and such contractor be entered into for such project; and the Mayor is hereby authorized and directed to execute such agreement on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, April 8, 2003.

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RaNae Edwards, City Clerk