



City of Grand Island

Tuesday, August 13, 2002

Council Session

Item G17

#2002-240 - Approving Bid Award for Precipitator and Inlet Duct Modifications - Platte Generating Station

Background: PGS is scheduled for a major overhaul during the fall of this year. Pre-overhaul inspections of the exhaust gas ductwork between the boiler economizer and inlet of the precipitator found severe cracking in the expansion joints. The gas temperature in this area runs 700oF to 800oF. The cracking has been caused by infiltration of rain through the insulation and weather protection lagging system installed to protect and insulate the ductwork. The problem has developed to the point that repair of the expansion joints is not considered possible due to the severity of the cracking and the thinning of the base material. The expansion joints are the originals, installed when the Platte Generating Station was constructed over 20 years ago. Our consultant for this project, Sargent & Lundy, has recommended that the original metal joints be replaced with high temperature fabric joints, which are the current industry standard. They have also recommended that the insulation and lagging system be replaced to improve weather protection and to facilitate the construction required to install the new expansion joints.

The inspections also indicated the precipitator inlet gas distribution baffles have severely deformed due to the high temperatures experienced during operation. Replacement of these baffles is recommended at this time also. In order to complete this needed maintenance work during the scheduled PGS overhaul outage, specifications were developed for the precipitator inlet and duct modifications by Sargent & Lundy and were issued in accordance with City purchasing procedures.

Discussion:

The specifications for the precipitator inlet and duct modifications were issued for bid and responses were received from the below listed bidders. The engineer's estimate for this project was \$350,000.

Bidder: TIC Industrial Co. from Steamboat Springs, CO - Bid Price: \$ 272,850. Bidder: Azco from Appleton, WI - Bid Price \$ 358,168. Bidder: Southern Environmental from Pensacola, FL - Bid Price - \$395,778. Bidder: Metro Engineers from Omaha, NE - Bid Price: \$ 413,850

Recommendation:

Department engineering staff reviewed the bids for compliance with the City's detailed specifications. The bid from TIC Industrial met all the requirements of the technical specification with no exceptions and includes the entire scope of work. It is the recommendation of the Utilities Department that TIC Industrial Co. be awarded the contract

for this work in the amount of \$272,850.

Fiscal Effects:

Expenditure of \$ 272,850 of Enterprise 520. There are sufficient funds available.

Alternatives:

Award to the next lowest bidder, Azco. See attached RESOLUTION.

Staff Contact: Gary R. Mader



Dale M. Shotkoski, Assistant City Attorney

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Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: July 25, 2002 at 11:00 a.m.
FOR: Precipitator and Inlet Duct Modifications - REBID
DEPARTMENT: Utilities - PGS
ENGINEER'S ESTIMATE: \$750,000.00
FUND/ACCOUNT: E520
PUBLICATION DATE: July 4, 2002
NO. POTENTIAL BIDDERS:

SUMMARY

Bidder:	Metro Engineers Omaha, NE	TIC Industrial Co. Steamboat Springs, CO
Bid Security:	\$20,692.50	St. Paul Fire & Marine Ins. Co.
Bid Price:	\$413,850.00	\$270,416.00
Bidder:	Azco Appleton, WI	Southern Environmental Pensacola, FL
Bid Security:	Fidelity & Deposit Company Great	American Insurance Co.
Bid Price:	\$358,168.00	\$395,778.00
Bidder:	Industrial Services, Inc. Rock Springs, WY Bid Rejected – Bid Bond Not Attached	

cc: Gary Mader, Utilities Director
Shelly Schnakenberg, PGS
Tim Luchsinger, PGS
RaNae Edwards, City Clerk
Dale Shotkoski, Purchasing Agent
Laura Berthelsen, Legal Assistant

RESOLUTION 2002-240

WHEREAS, the City of Grand Island invited sealed bids for Precipitator and Inlet Duct Modifications, according to plans and specifications on file at the Platte Generation Station; and

WHEREAS, on July 25, 2002, bids were received, opened and reviewed; and

WHEREAS, TIC Industrial Co. of Steamboat Springs, Colorado, 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 \$272,850.00; and

WHEREAS, TIC Industrial Co.'s bid is less than the engineer's estimate for such project.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of TIC Industrial Co. of Steamboat Springs, Colorado, in the amount of \$272,850.00 for precipitator and inlet duct modifications is hereby approved as the lowest responsive bid.

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

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Adopted by the City Council of the City of Grand Island, Nebraska on August 13, 2002.

RaNae Edwards, City Clerk

Approved as to Form	☐
August 9, 2002	☐ City Attorney