



City of Grand Island

Tuesday, March 28, 2017

Council Session

Item G-9

#2017-88 - Approving Bid Award for Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment; Project No. 2017-S-1

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Terry Brown PE, Assistant Public Works Director

Meeting: March 28, 2017

Subject: Approving Bid Award for Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment; Project No. 2017-S-1

Presenter(s): John Collins PE, Public Works Director

Background

On February 2, 2017 the Engineering Division of the Public Works Department advertised for bids for Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment; Project No. 2017-S-1.

Currently Lift Station No. 20 pumps an average of 220,000 gallons per day. In order to accommodate future growth to handle a daily flow rate of over 1 million gallons a day, upgrades to this lift station are necessary. The existing force main from Lift Station No. 20 is also in need of replacement and or repair due to poor pipe condition. The force main has experienced multiple breaks within the past several years.

The City is able to cost effectively eliminate Lift Station No. 14 and abandon in place the existing force main. The existing force main runs west from Lift Station No. 14 for approximately 1,750 linear feet to City manhole 102 in Custer Avenue.

Discussion

Three (3) bids were received and opened on March 1, 2017. The Engineering Division of the Public Works Department and the Purchasing Division of the City's Attorney's Office have reviewed the bids that were received. A summary of the bids is shown below.

<i>BID SECTION</i>	<i>THE DIAMOND ENGINEERING CO. OF GRAND ISLAND, NE</i>	<i>VAN KIRK BROS. CONTRACTING OF SUTTON, NE</i>	<i>SJ LOUIS CONSTRUCTION, INC. OF ROCKVILLE, MN</i>
"A"	\$2,425,566.20	\$2,614,161.95	\$3,150,000.00
Alternate "A"	\$2,438,151.20	\$2,661,911.95	\$3,185,000.00
"B"	\$90,545.02	\$53,590.00	\$245,000.00

Public Works Engineering staff has been working through value engineering with the lowest responsible bidder since bid opening. These efforts have resulted in an adjusted bid from The Diamond Engineering Company in the amount of \$2,306,455.27 for Bid Section "A" (\$2,215,910.25) & "B" (90,545.02).

By value engineering this project four (4) main cost saving items were revealed.

- Elimination of directional drilling – the PVC forcemain will be installed via open cut
- Correction of rebar calculations within lift station wet well
- A better cost for the pump electric control panel was found by the Contractor
- Overall unit price adjustments

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 approve the bid award to the low compliant bidder, The Diamond Engineering Company of Grand Island, Nebraska in the amount of \$2,306,455.27.

Sample Motion

Motion to approve the bid award.



Stacy Nonhof, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: March 1, 2017 at 2:00 p.m.

FOR: Lift Station #20 & Force Main & Lift Station #14 Abandonment
Project 2017-S-1

DEPARTMENT: Public Works

ESTIMATE: \$2,108,385.00 Section "A"
\$ 95,555.00 Section "B"

FUND/ACCOUNT: 53030055-53039

PUBLICATION DATE: February 2, 2017

NO. POTENTIAL BIDDERS: 16

SUMMARY

Bidder:	<u>Van Kirk Bros. Contracting</u>	<u>Diamond Engineering Company</u>
	Sutton, NE	Grand Island, NE
Bid Security:	Universal Surety Company	Universal Surety Company
Exceptions:	None	None

Bid Price:		
Section "A":	\$2,614,161.95	\$2,425,566.20
Alternate Section "A":	\$2,661,911.95	\$2,438,151.20
Section "B":	\$ 53,590.00	\$ 90,545.02

Bidder	<u>SJ Lois Construction INC</u>
	Rockville, MN
Bid Security	Liberty Mutual Insurance Company
Exceptions	None
Bid Price	
Section "A"	\$3,150,000.00
Alternate Section "A"	\$3,185,000.00
Section "B"	\$245,000.00

cc: John Collins, Public Works Director

Catrina DeLosh, PW Admin. Assist.

Marlan Ferguson, City Administrator
Tara Bevard, WW Project Manager

Renae Griffiths, Finance Director

P1943

RESOLUTION 2017 – 88

WHEREAS, the City of Grand Island invited sealed bids for Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment; Project No. 2017-S-1, according to plans and specifications on file with the Public Works Department; and

WHEREAS, on March 1, 2017 bids were received, opened, and reviewed; and

WHEREAS, The Diamond Engineering Company of Grand Island, Nebraska 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 \$2,516,111.22; and

WHEREAS, through value engineering the submitted bid has been reduced to \$2,306,455.27 to align with budgeted funds; and

WHEREAS, The Diamond Engineering Company's adjusted bid is within 5% of the estimate for such project and is considered fair and reasonable.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of The Diamond Engineering Company of Grand Island, Nebraska in the amount of \$2,306,455.27 Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment; Project No. 2017-S-1 is hereby approved as the lowest responsible bid.

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

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Adopted by the City Council of the City of Grand Island, Nebraska, March 28, 2017.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
March 27, 2017	☐ City Attorney