



City of Grand Island

Tuesday, May 14, 2013

Council Session

Item G-9

**#2013-132 - Approving Bid Award - Water Main Project 2013-W-2
- Sycamore Street, from Ashton Avenue to 1st Street**

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director
Stacy Nonhof, Assistant City Attorney

Meeting: May 14, 2013

Subject: Approving Bid Award – Water Main Project 2013-W-2
Sycamore Street – 1st Street to Ashton Avenue

Item #'s: G-9

Presenter(s): Timothy Luchsinger, Utilities Director

Background

Water Main Project 2013-W-2 is located along South Sycamore Street from East First Street to Ashton Avenue. The existing 4" diameter cast-iron water main is approximately 100 years old and primarily serves a residential area. The water line has been repaired numerous times due to physical degradation of the pipe.

The contract for Water Main Project 2013-W-2 provides for the installation of a replacement 8" diameter ductile-iron water main, new water service connections to adjacent residential properties, and the abandonment of the old 4" main. Construction of the new water line will meet modern standards for domestic use and fire protection.

An area map is provided for reference.

Discussion

A request for bids was advertised in accordance with City procurement codes. Five plan service firms and six construction companies received copies of the bid documents and plans. Three bids were received and publicly opened at 2:00 p.m. on May 2, 2013.

The bids have been reviewed and evaluated. The bid from Diamond Engineering Company contained a miscalculation in the extension of the material quantity times the unit price. The correction is shown on the attached spreadsheet, Item D.1.03. The evaluated bid from the Diamond Engineering Company increases their total bid by \$1,405.50 for an evaluated total bid of \$313,253.19. The bids from K2 Construction and General Excavating are without errors. The following are the Evaluated Bid Prices.

<u>Bidder</u>	<u>Evaluated Bid Price</u>
Diamond Engineering Co. ,Grand Island, NE	\$313,253.19
K2 Construction, Lincoln, NE	\$384,458.40
General Excavating, Lincoln, NE	\$399,687.72

The evaluated total bid from The Diamond Engineering Company remains the low bid for the project and below the project's estimate of \$460,000.00.

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 award the construction contract for Water Main Project 2013-W-2, in Sycamore Street from First Street to Ashton Avenue, to the low bidder, the Diamond Engineering Company, of Grand Island, Nebraska, in the amount of \$313,253.19.

Sample Motion

Move to approve the contract for Water Main Project 2013-W-2 construction to The Diamond Engineering Company in the amount of \$313,253.19.



Stacy Nonhof, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: May 2, 2013 at 2:00 p.m.

FOR: Water Main Project 2013-W-2
Sycamore Street from Ashton Avenue to First Street

DEPARTMENT: Utilities

ESTIMATE: \$460,000.00

FUND/ACCOUNT: 525

PUBLICATION DATE: April 9, 2013

NO. POTENTIAL BIDDERS: 6

SUMMARY

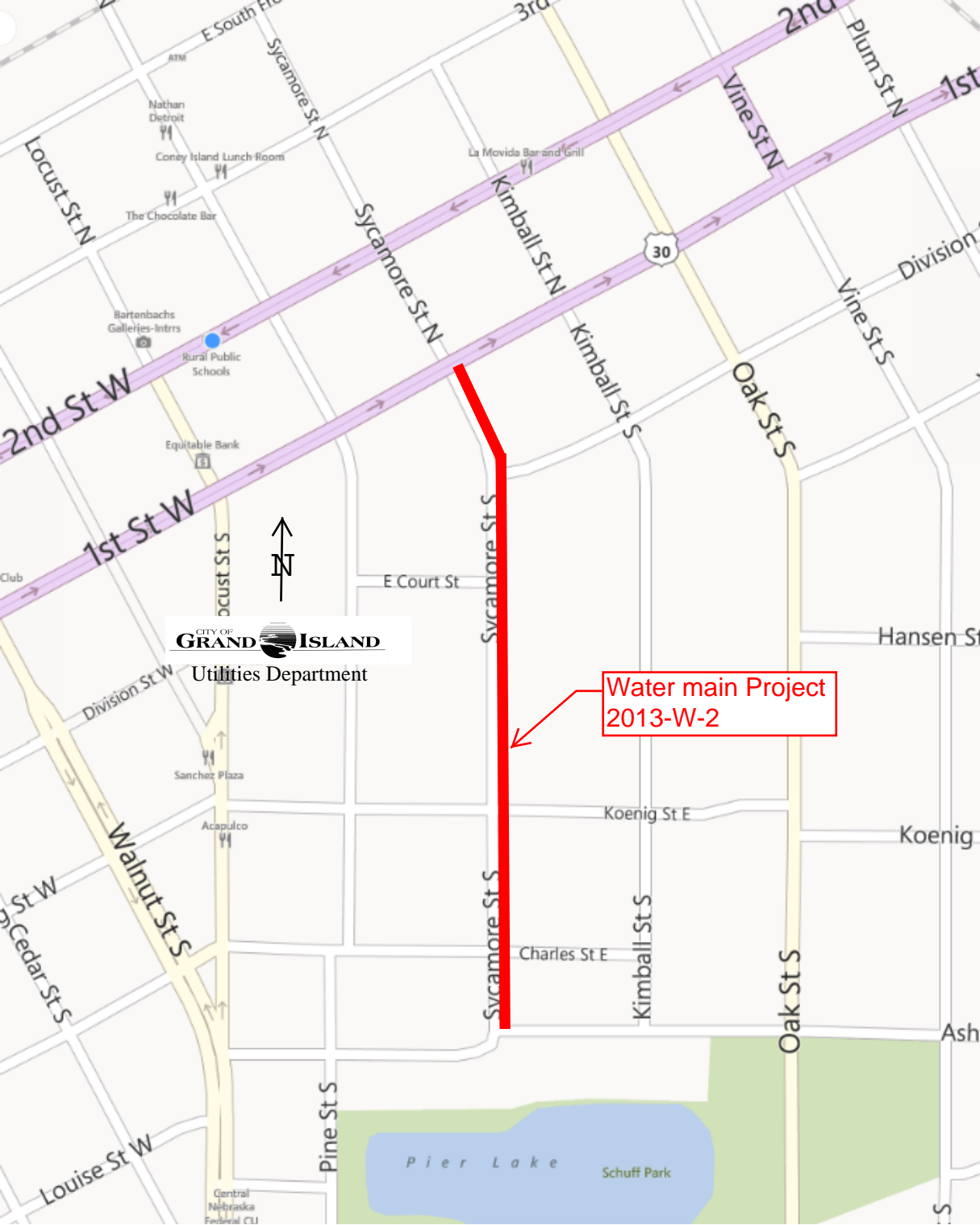
Bidder:	<u>K2 Construction</u> Lincoln, NE	<u>The Diamond Engineering Co.</u> Grand Island, NE
Bid Security:	Western Surety Co.	Universal Surety Co.
Exceptions:	None	None
Bid Price:	\$384,458.40	\$311,847.69
Completion:	220 days	90 days

Bidder:	<u>General Excavating</u> Lincoln, NE
Bid Security:	Universal Surety Co.
Exceptions:	None
Bid Price:	\$399,687.72
Completion:	120 days

cc: Tim Luchsinger, Utilities Director
Mary Lou Brown, City Administrator
Jaye Monter, Finance Director
Stacy Nonhof, Purchasing Agent

Bob Smith, Assist. Utilities Director
Pat Gericke, Utilities Admin. Assist.
Tom Barnes, Utilities Engineer

P-1640



Water main Project
2013-W-2

Water Main Project 2013-W-2
Sycamore Street from 1st Street to Ashton Ave
Bids Received May 2, 2013

Item	Description	Quantity	Unit	Diamond Engineering Co		K2 Construction		General Excavation	
				Unit Price \$	Total Price \$	Unit Price \$	Total Price \$	Unit Price \$	Total Price \$
D. 1.01	18"x0.313" stl. Casing Bore & jack	55.00	l.f.	280.00	15,400.00	543.00	29,865.00	600.00	33,000.00
D. 1.02	8" r.j. d.i. pipe, trenchless installation	1,865.30	l.f.	63.50	118,446.55	76.00	141,762.80	92.00	171,607.60
D. 1.03	6" s.j. d.i. pipe	60.20	l.f.	46.85	2,820.37	63.00	3,792.60	50.00	3,010.00
D. 1.04	4" s.j. d.i. pipe	10.00	l.f.	71.60	716.00	97.00	970.00	60.00	600.00
D. 1.05	20"x8" tapping sleeve	1.00	ea.	4,685.00	4,685.00	4,541.00	4,541.00	3,600.00	3,600.00
D. 1.06	8"x8" m.j. tee	2.00	ea.	452.30	904.60	308.00	616.00	375.00	750.00
D. 1.07	8"x6" m.j. tee	5.00	ea.	412.75	2,063.75	277.00	1,385.00	340.00	1,700.00
D. 1.08	8"x4" m.j. tee	1.00	ea.	382.00	382.00	253.00	253.00	315.00	315.00
D. 1.09	8"x90° m.j. bend	2.00	ea.	318.10	636.20	230.00	460.00	235.00	470.00
D. 1.10	8"x22 1/2° m.j. bend	1.00	ea.	288.00	288.00	186.00	186.00	185.00	185.00
D. 1.11	8"x6" m.j. reducer	2.00	ea.	207.50	415.00	179.00	358.00	180.00	360.00
D. 1.12	8" retainer gland	1.00	ea.	68.60	68.60	111.00	111.00	78.00	78.00
D. 1.13	6"x6" tapping sleeve	1.00	ea.	3,395.00	3,395.00	507.00	507.00	1,675.00	1,675.00
D. 1.14	6"x45° m.j. bend	4.00	ea.	236.85	947.40	174.00	696.00	170.00	680.00
D. 1.15	6"x22 1/2° m.j. bend	1.00	ea.	231.00	231.00	169.00	169.00	165.00	165.00
D. 1.16	6" m.j. plug	1.00	ea.	172.75	172.75	111.00	111.00	103.00	103.00
D. 1.17	6" retainer gland	5.00	ea.	50.80	254.00	98.00	490.00	60.00	300.00
D. 1.18	4" sleeve coupling	1.00	ea.	156.10	156.10	142.00	142.00	135.00	135.00
D. 1.19	duc-lugs and redi-rod	8.00	set	200.00	1,600.00	146.00	1,168.00	147.00	1,176.00
D. 1.20	8" r.s. gate tapping valve	1.00	ea.	1,733.25	1,733.25	2,050.00	2,050.00	1,755.00	1,755.00
D. 1.21	8" r.s. gate valve	6.00	ea.	1,488.20	8,929.20	1,411.00	8,466.00	1,330.00	7,980.00
D. 1.22	6" r.s. gate valve tapping valve	1.00	ea.	1,201.40	1,201.40	1,219.00	1,219.00	1,280.00	1,280.00
D. 1.23	4" r.s. gate valve	1.00	ea.	820.00	820.00	878.00	878.00	750.00	750.00
D. 1.24	valve box	9.00	ea.	183.60	1,652.40	220.00	1,980.00	165.00	1,485.00
D. 1.25	fire hydrant assembly (complete)	5.00	ea.	2,350.00	11,750.00	3,802.00	19,010.00	2,300.00	11,500.00
D. 1.26	thrust blocks	17.00	ea.	136.80	2,325.60	255.00	4,335.00	162.00	2,754.00
D. 1.27	I-beam block	1.00	ea.	1,212.00	1,212.00	255.00	255.00	259.00	259.00
D. 1.28	8 mil polywrap	1,935.50	l.f.	0.68	1,316.14	3.00	5,806.50	1.30	2,516.15
D. 1.29	1" corporation stop including tap of the main	49.00	ea.	360.15	17,647.35	857.00	41,993.00	400.00	19,600.00
D. 1.30	1" type K copper	1,433.90	l.f.	21.00	30,111.90	20.00	28,678.00	20.00	28,678.00
D. 1.31	1" curb stop w/box	49.00	ea.	486.25	23,826.25	183.00	8,967.00	450.00	22,050.00
D. 1.32	water service reconnection	49.00	ea.	395.60	19,384.40	444.00	21,756.00	313.00	15,337.00
D. 1.33	saw cut	121.20	l.f.	4.60	557.52	7.00	848.40	12.00	1,454.40
D. 1.34	abandon existing valve	4.00	ea.	222.00	888.00	350.00	1,400.00	100.00	400.00
D. 1.35	remove/abandon existing manhole	1.00	ea.	495.00	495.00	700.00	700.00	775.00	775.00
D. 1.36	remove and salvage existing fire hydrant	3.00	ea.	414.50	1,243.50	700.00	2,100.00	288.00	864.00
D. 1.37	remove 8"x6" m.j. reducer	1.00	ea.	178.00	178.00	105.00	105.00	575.00	575.00
D. 1.38	remove existing water main	31.00	l.f.	14.50	449.50	70.00	2,170.00	27.00	837.00
D. 1.39	remove asph./conc. Roadway	353.20	s.y.	6.45	2,278.14	7.00	2,472.40	7.60	2,684.32
D. 1.40	replace asph./conc. Roadway	353.20	s.y.	40.40	14,269.28	61.00	21,545.20	54.50	19,249.40
D. 1.41	remove asph./conc. Driveway	70.90	s.y.	7.00	496.30	7.00	496.30	15.00	1,063.50
D. 1.42	replace asph./conc. Driveway	70.90	s.y.	38.60	2,736.74	61.00	4,324.90	75.00	5,317.50
D. 1.43	remove concrete sidewalk	1,009.90	s.f.	1.07	1,080.59	2.00	2,019.80	3.50	3,534.65
D. 1.44	replace concrete sidewalk	1,009.90	s.f.	5.90	5,958.41	5.00	5,049.50	8.00	8,079.20
D. 1.45	residential seeding	10,000.00	s.f.	0.40	4,000.00	0.25	2,500.00	0.40	4,000.00
D. 1.46	traffic control	1.00	l.s.	3,130.00	3,130.00	5,750.00	5,750.00	15,000.00	15,000.00
Evaluated Total Bid Water Main Project 2013-W-2					\$313,253.19		\$384,458.40		\$399,687.72
As Read Amount					\$311,847.69		\$384,458.40		\$399,687.72

RESOLUTION 2013-132

WHEREAS, the City of Grand Island invited sealed bids for construction for Water Main Project 2013-W-2 – Sycamore Street, from Ashton Avenue to 1st Street, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on May 2, 2013, bids were received, opened, reviewed, and evaluated; 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 \$313,253.19; and

WHEREAS, the bid of The Diamond Engineering Company is less than the estimate for the construction of Water Main Project 2013-W-2.

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, in the amount of \$313,253.19, for construction of Water Main Project 2013-W-2, is hereby approved as the lowest responsible bid, and the Mayor is authorized to execute the 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, May 14, 2013.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
May 10, 2013	☐ City Attorney