



# City of Grand Island

Tuesday, April 26, 2011

Council Session

## Item G5

**#2011-94 - Approving Bid Award - Water Main Project 2011-W-1 - 7th Street and Clark Street**

Staff Contact: Timothy Luchsinger

# Council Agenda Memo

**From:** Timothy Luchsinger, Utilities Director  
Jason Eley, Interim City Attorney

**Meeting:** April 26, 2011

**Subject:** Water Main Project 2011-W-1  
7<sup>th</sup> Street from Elm Street to Clark Street & Clark Street  
from 7<sup>th</sup> Street to 9<sup>th</sup> Street

**Item #'s:** G-5

**Presenter(s):** Timothy Luchsinger, Utilities Director

## Background

The existing water system in the referenced project area is approximately 100 years old as documented by the Department's infrastructure records and water service cards.

Although the existing 4" diameter cast-iron main remains in relatively good condition, it does not meet today's requirements for fire protection, nor current service standards. The contract provides for the installation of a new 8" diameter ductile-iron water main, new water service connections to each adjacent residential property, and the abandonment of the old 4" main. Upgrading the water main and service lines in the area will insure continued operation, service, and reliability for the next 100 years.

The project is part of a Community Development Block Grant designated to help revitalize an area where the residents meet income guidelines established by the Nebraska Department of Economic Development. The grant provides \$229,401.00 to be used toward this project, other related water main infrastructure improvements in the area, engineering, and administrative costs.

Attached for reference is a map of the area covered by the Grant.

## Discussion

The Engineer's estimated for the project was \$296,000.00. Bidding documents, specifications and plans were advertised in accordance with City Procurement Codes and

issued to 15 contractors. Bids were received and publicly opened at 2:00 p.m. on April 14, 2011. Three firms submitted bids as outline below:

<b>Bidder</b>	<b>As-Read Bid Amount</b>	<b>Evaluated Bid Amount</b>
Diamond Engineering Co. Grand Island, Nebraska No Exceptions	\$206,967.32	\$206,907.32
General Excavation Lincoln, Nebraska No Exceptions	\$211,790.22	\$211,790.22
K2 Construction Lincoln, Nebraska No Exceptions	\$248,891.47	\$248,891.07

The bids have been reviewed and evaluated and all are below the Project's estimate. The bids from Diamond Engineering Company and from K2 Construction each contained miscalculations in the extension of the material quantity times unit price. The evaluated bid from the Diamond Engineering Company lowers their total bid by \$60.00. The evaluated bid from K2 Construction lowers their bid by \$0.40. The attached spreadsheet highlights the correct figures.

### **Alternatives**

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

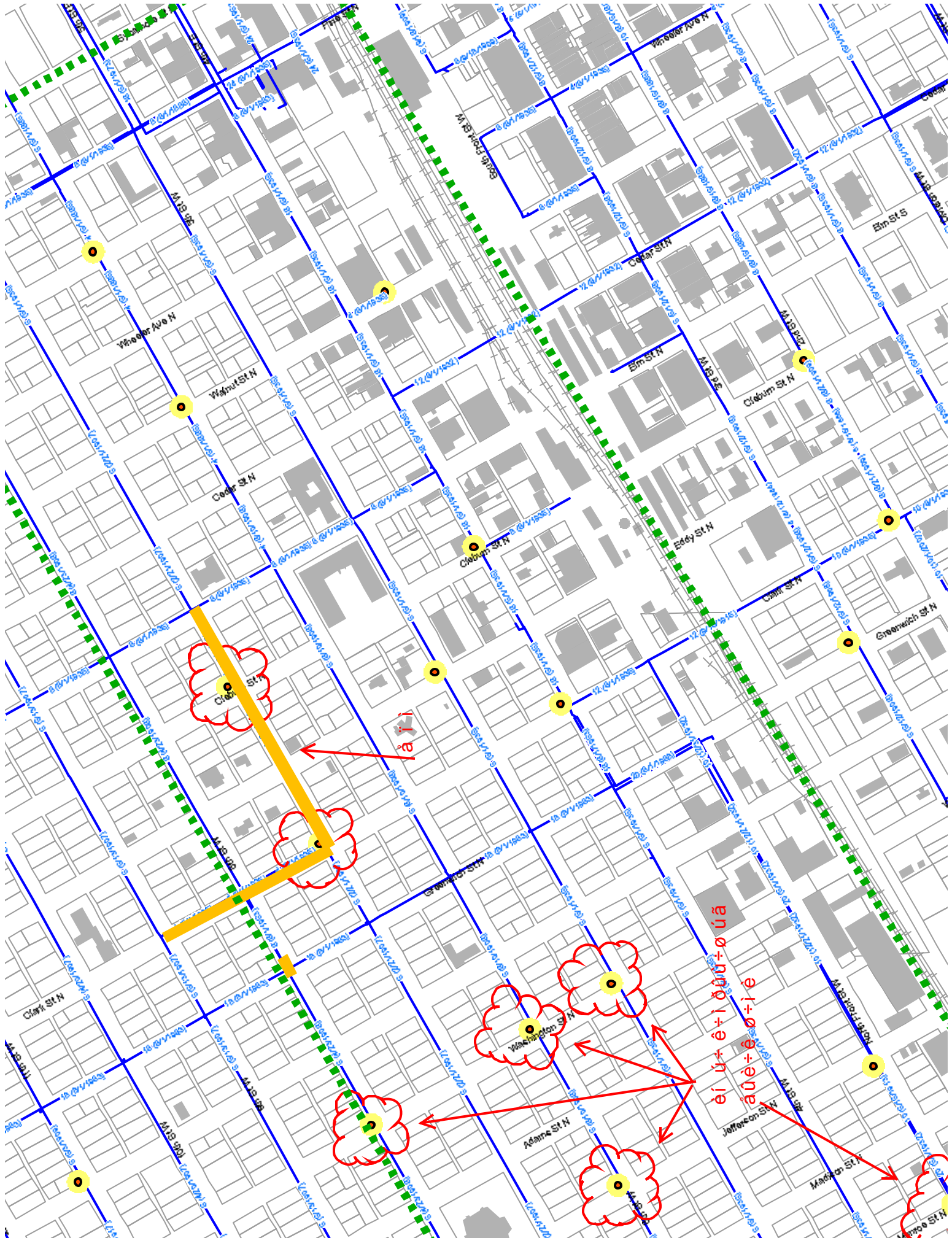
1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

### **Recommendation**

City Administration recommends that the Council award the Contract for Water Main Project 2011-W-1 to the low bidder, the Diamond Engineering Company of Grand Island, Nebraska in the amount of \$206,907.32.

### **Sample Motion**

Move to approve the Contract for Water Main Project 2011-W-1, in 7<sup>th</sup> Street from Elm Street to Clark Street, and in Clark Street from 7<sup>th</sup> Street to 9<sup>th</sup> Street, in the amount of \$206,907.32, to the Diamond Engineering Company of Grand Island, Nebraska.



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Map labels include: Wheeler Ave N, West St N, Cedar St N, Adams St N, Washington St N, Jefferson St N, Madison St N, Monroe St N, Elm St N, Cedar St N, Esley St N, Greenrich St N, Adams St N, Washington St N, Jefferson St N, Madison St N, Monroe St N, Elm St N, Cedar St N, Esley St N, Greenrich St N.

Seventh Street, from Elm St to Clark St - and Clark Street, from 7th St to 9th St  
Water Main Replacement.

ITEM	DESCRIPTION	QUANTITY EST.	Diamond Engineering Co.		General Excavating		K2 Construction		
			UNIT \$	TOTAL \$	UNIT \$	TOTAL \$	UNIT \$	TOTAL \$	
1.01	8" d.i. pipe (r.j.) - trenchless installation	1,390.8	l.f.	48.10	66,897.48	53.00	73,712.40	54.83	76,257.56
1.02	8" d.i. pipe (s.j.) - trenched	39.2	l.f.	38.55	1,511.16	52.00	2,038.40	87.08	3,413.54
1.03	6" d.i. pipe (s.j.)	41.7	l.f.	34.80	1,451.16	41.00	1,709.70	130.57	5,444.77
1.04	8"x8"x8" m.j. tapping sleeve	1.0	ea.	2,280.00	2,280.00	2,100.00	2,100.00	854.51	854.51
1.05	8"x8"x8" m.j. tee	1.0	ea.	462.35	462.35	360.00	360.00	271.80	271.80
1.06	8"x8"x6" m.j. tapping sleeve	1.0	ea.	2,071.00	2,071.00	1,900.00	1,900.00	749.91	749.91
1.07	8"x8"x6" m.j. tee	4.0	ea.	428.00	1,712.00	320.00	1,280.00	207.27	829.08
1.08	8"x6" m.j. reducer	2.0	ea.	217.00	434.00	200.00	400.00	127.29	254.58
1.09	8" retainer gland	0.0	ea.	110.00	0.00	65.00	0.00	100.00	0.00
1.10	8" sleeve coupling	0.0	ea.	329.00	0.00	110.00	0.00	180.00	0.00
1.11	6"x6"x6" m.j. tapping sleeve	1.0	ea.	1,929.00	1,929.00	1,900.00	1,900.00	749.91	749.91
1.12	6"x6"x6" m.j. tee	1.0	ea.	392.00	392.00	300.00	300.00	182.66	182.66
1.13	6" retainer gland	0.0	ea.	95.00	0.00	60.00	0.00	125.00	0.00
1.14	6" sleeve coupling	2.0	ea.	290.00	580.00	110.00	220.00	121.14	242.28
1.15	8" r.s. tapping valve	1.0	ea.	1,555.00	1,555.00	2,100.00	2,100.00	1,475.91	1,475.91
1.16	8" r.s. gate valve	1.0	ea.	1,360.00	1,360.00	1,150.00	1,150.00	1,247.03	1,247.03
1.17	6" r.s. tapping valve	2.0	ea.	1,065.00	2,130.00	1,800.00	3,600.00	925.88	1,851.76
1.18	6" r.s. gate valve	0.0	ea.	960.00	0.00	550.00	0.00	1,175.00	0.00
1.19	valve box	4.0	ea.	201.60	806.40	200.00	800.00	149.88	599.52
1.20	fire hydrant assembly	5.0	ea.	2,150.00	10,750.00	1,725.00	8,625.00	1,712.70	8,563.50
1.21	thrust block	9.0	ea.	132.80	1,195.20	150.00	1,350.00	180.75	1,626.75
1.22	l-beam block	3.0	ea.	652.00	1,956.00	1,080.00	3,240.00	500.68	1,502.04
1.23	1" copper water service (complete)	35.0	ea.	2,040.00	71,400.00	1,490.00	52,150.00	2,155.95	75,458.25
1.24	8 mil polywrap	1,471.7	l.f.	0.96	1,412.83	2.10	3,090.57	1.07	1,574.72
1.25	abandon existing water main complete	4.0	ea.	505.00	2,020.00	870.00	3,480.00	1,975.00	7,900.00
1.26	abandon water main in manhole complete	3.0	ea.	208.00	624.00	380.00	1,140.00	2,026.67	6,080.01
1.27	remove and salvage existing fire hydrant	2.0	ea.	166.40	332.80	350.00	700.00	490.00	980.00
1.28	remove existing roadway	265.8	s.y.	6.75	1,794.15	10.00	2,658.00	10.50	2,790.90
1.29	replace concrete roadway	265.8	s.y.	39.10	10,392.78	65.00	17,277.00	49.30	13,103.94
1.30	remove intergal curb	121.6	l.f.	3.00	364.80	5.00	608.00	17.50	2,128.00
1.31	replace intergal curb	121.6	l.f.	3.15	383.04	41.00	4,985.60	29.39	3,573.82
1.32	remove asph./conc. Driveway	75.9	s.y.	6.55	497.15	1.50	113.85	14.00	1,062.60
1.33	replace asph./conc. Driveway	75.9	s.y.	36.75	2,789.33	14.00	1,062.60	38.80	2,944.92
1.34	remove concrete sidewalk	1,109.0	s.f.	0.80	887.20	1.00	1,109.00	3.50	3,881.50
1.35	replace concrete sidewalk	1,372.8	s.f.	5.50	7,550.40	5.00	6,864.00	4.91	6,740.45
1.36	remove brick sidewalk	263.9	s.f.	0.88	232.23	1.00	263.90	3.50	923.65
1.37	replace brick sidewalk	0.0	s.f.	10.40	0.00	11.00	0.00	35.00	0.00
1.38	saw cut	111.6	l.f.	3.35	373.86	4.50	502.20	7.00	781.20
1.39	Residential Seeding	10,000.0	s.f.	0.35	3,500.00	0.30	3,000.00	0.76	760.00
1.40	Traffic Control	1.00	l.s.	2,880.00	2,880.00	6,000.00	6,000.00	5,250.00	5,250.00
<b>Evaluated Amount</b>					<b>\$206,907.32</b>		<b>\$211,790.22</b>		<b>\$248,891.07</b>
As Read Amount					\$206,967.32		\$211,790.22		\$248,891.47



Jason Eley, Purchasing Agent

*Working Together for a  
Better Tomorrow, Today*

**BID OPENING**

**BID OPENING DATE:** April 14, 2011 at 2:00 p.m.  
**FOR:** Water Main Project 2011-W-1 – 7<sup>th</sup> Street and Clark Street  
**DEPARTMENT:** Utilities  
**ESTIMATE:** \$296,000.00  
**FUND/ACCOUNT:** 525  
**PUBLICATION DATE:** March 29, 2011  
**NO. POTENTIAL BIDDERS:** 15

**SUMMARY**

<b>Bidder:</b>	<b><u>Diamond Engineering Co.</u></b> Grand Island, NE	<b><u>General Excavating</u></b> Lincoln, NE
<b>Bid Security:</b>	Universal Surety Company	Universal Surety Company
<b>Exceptions:</b>	None	None
<b>Bid Price:</b>	\$206,967.32	\$211,790.22

<b>Bidder:</b>	<b><u>K2 Construction</u></b> Lincoln, NE
<b>Bid Security:</b>	International Fidelity Ins. Co.
<b>Exceptions:</b>	None
<b>Bid Price:</b>	\$248,891.47

cc: Gary Mader, Utilities Director  
Jason Eley, Purchasing Agent  
Mary Lou Brown, City Administrator

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

RESOLUTION 2011-94

WHEREAS, the City of Grand Island invited sealed bids for Water Main Project 2011-W-1; 7<sup>th</sup> Street from Elm Street to Clark Street and Clark Street from 7<sup>th</sup> Street to 9<sup>th</sup> Street, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on April 14, 2011, 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 \$206,907.32; and

WHEREAS, the bid of the Diamond Engineering Company is less than the estimate for Water Main Project 2011-W-1.

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 \$206,907.32, for Water Main Project 2011-W-1, is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, April 26, 2011.

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Jay Vavricek, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form    ☐ \_\_\_\_\_  
April 22, 2011            ☐ City Attorney