



City of Grand Island

Tuesday, July 26, 2011

Council Session

Item G11

#2011-176 - Approving Bid Award - Water Main Project 2011-W-3 - Broadwell Avenue and Vine Street at the Union Pacific Railroad Crossings

Staff Contact: Tim Luchsinger

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director
Jason Eley, Assistant City Attorney/Purchasing

Meeting: July 26, 2011

Subject: Bid Award – Water Main Project 2011-W-3
Broadwell Avenue at the U.P.R.R. and Vine Street at the
U.P.R.R.

Item #'s: G-11

Presenter(s): Timothy Luchsinger, Utilities Director

Background

In January of this year, the 10' diameter water main in Broadwell Avenue broke under the Union Pacific mainline tracks (mile post 147.82). In February, the 10" water main in Vine Street extended broke within the railroad's right-of-way (mile post 146.52). Both pipelines were taken out of service until permanent repairs could be made.

The water mains are both approximately 80 years old and were installed without protective outer casings. Due to the age of the pipes and potential damage to railroad property, plans and specifications for Water Main Project 2011-W-3 were prepared to replace both sections of pipeline. The project will install 20" diameter steel casings under the tracks and replace the water mains at both locations. Maps of the crossing areas are attached for reference.

Discussion

Bidding documents were advertised in accordance with City Procurement Codes. Ten construction companies received copies of the specifications and plans. Two bids were publicly opened at 2:00 p.m. on July 13, 2011. Below is a tabulation of the bids received:

Bidder	Bid Security	Exceptions	Bid Price
General Excavating Lincoln, NE	Universal Surety Co.	None	\$193,022.32
Diamond Engineering Co. Grand Island, NE	Universal Surety Co.	None	\$178,473.95

The bids have been reviewed and evaluated, and are without errors or exceptions.

Alternatives

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

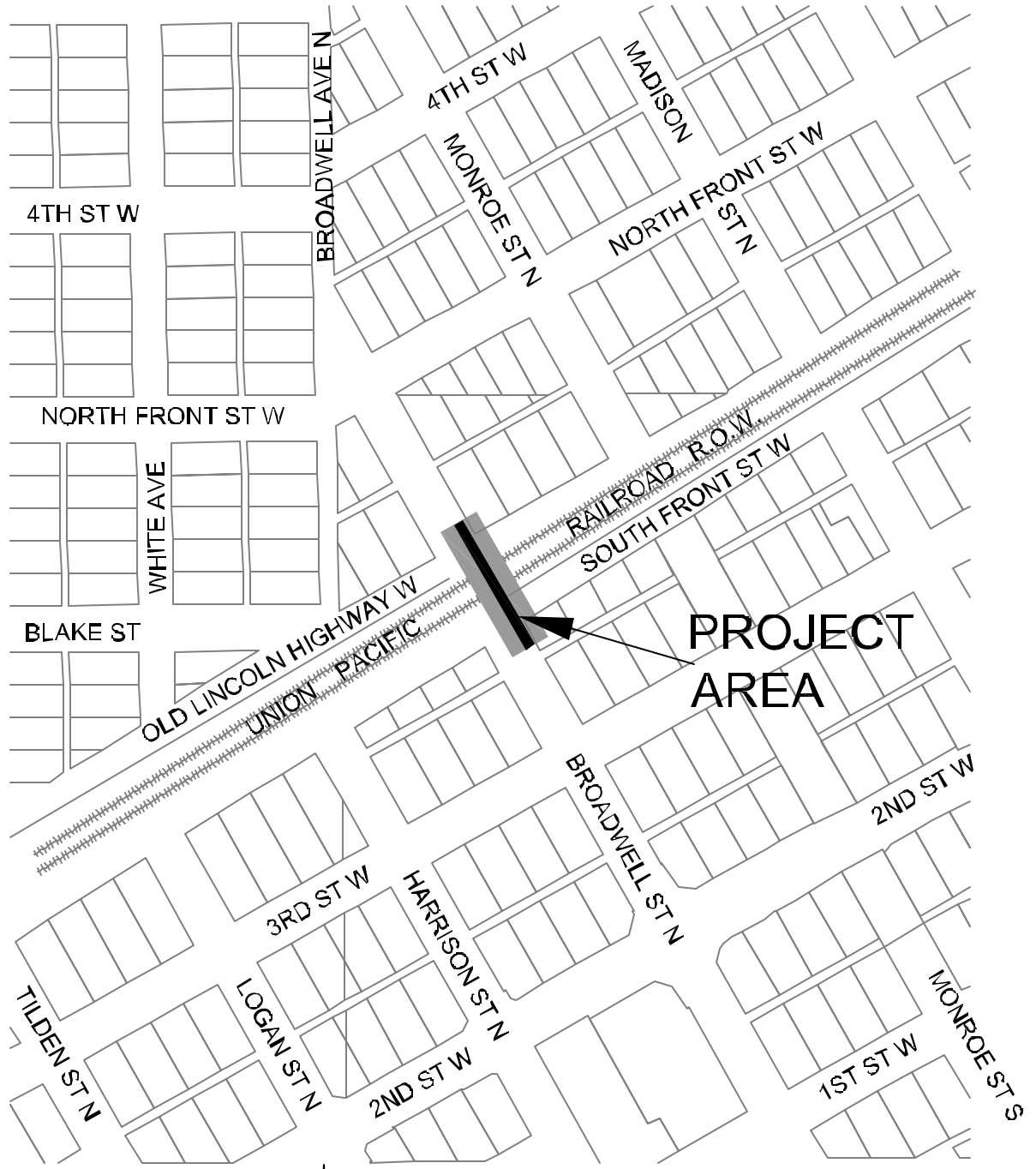
1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the bid, and award the contract for Water Main Project 2011-W-3, Broadwell Avenue and Vine Street at the Union Pacific Railroad Crossing, to the low responsive bidder, the Diamond Engineering Company of Grand Island, Nebraska, in the amount of \$178,473.95.

Sample Motion

Move to approve the bid of Diamond Engineering Company for Water Main Project 2011-W-3, Broadwell Avenue and Vine Street at the Union Pacific Railroad Crossing in the amount of \$178,473.95.



**PROJECT
AREA**



CITY OF
GRAND ISLAND
UTILITIES DEPARTMENT

**WATER MAIN PROJECT 2011-W-3
BROADWELL AVE
AT THE U.P.R.R. (MP 147.82)**



PROJECT AREA



CITY OF
GRAND ISLAND
UTILITIES DEPARTMENT

**WATER MAIN PROJECT 2011-W-3
VINE STREET
AT THE U.P.R.R. (MP146.52)**

ITEM	DESCRIPTION	QUANTITY	EST.	DIAMOND ENGINEERING CO		GENERAL EXCAVATING	
				Unit \$	Total \$	Unit \$	Total \$
1.01	20" Dia x 0.375" Steel Casing	325.0	l.f.	224.0	72,800.00	300.0	97,500.00
1.02	10" D.I. Pipe (RJ)	447.7	l.f.	75.4	33,756.58	55.0	24,623.50
1.03	6" D.I. Pipe (SJ)	31.0	l.f.	55.0	1,705.00	50.0	1,550.00
1.04	10"x10"x10" Tapping Sleeve (MJ)	1.0	ea.	4,180.0	4,180.00	2,550.0	2,550.00
1.05	10"x10"x10" Tee (MJ)	4.0	ea.	766.0	3,064.00	490.0	1,960.00
1.06	10"x90° Ell (MJ)	3.0	ea.	619.0	1,857.00	380.0	1,140.00
1.07	10"x22.5° Ell (MJ)	2.0	ea.	555.0	1,110.00	350.0	700.00
1.08	10" Cap (MJ)	7.0	ea.	350.0	2,450.00	225.0	1,575.00
1.09	10" Plug (MJ)	3.0	ea.	360.0	1,080.00	225.0	675.00
1.10	10" Retainer Gland	25.0	ea.	190.0	4,750.00	100.0	2,500.00
1.11	10"x6" Reducer (MJ)	1.0	ea.	390.0	390.00	300.0	300.00
1.12	6"x45° Ell (MJ)	1.0	ea.	285.0	285.00	390.0	390.00
1.13	6"x18" Offset Fitting (MJ)	1.0	ea.	487.0	487.00	530.0	530.00
1.14	6" Retainer Gland	5.0	ea.	132.0	660.00	180.0	900.00
1.15	10" RS Gate Tapping Valve	1.0	ea.	2,936.0	2,936.00	2,800.0	2,800.00
1.16	10" RS Gate Valve	1.0	ea.	2,514.0	2,514.00	2,300.0	2,300.00
1.17	6" RS Gate Valve	1.0	ea.	1,130.0	1,130.00	930.0	930.00
1.18	Valve Box	3.0	ea.	312.0	936.00	200.0	600.00
1.19	Fire Hydrant	1.0	ea.	468.0	468.00	1,200.0	1,200.00
1.20	Thrust Block	12.0	ea.	545.0	6,540.00	250.0	3,000.00
1.21	I - Beam Block	5.0	ea.	768.0	3,840.00	1,000.0	5,000.00
1.22	Protective Posts	2.0	ea.	355.0	710.00	280.0	560.00
1.23	Remove & Salvage 10" Gate Valve	1.0	ea.	350.0	350.00	600.0	600.00
1.24	Remove & Salvage Valve Box	1.0	ea.	158.0	158.00	100.0	100.00
1.25	Pavement Saw-Cut	142.9	l.f.	4.6	657.34	5.5	785.95
1.26	Remove Asph/Conc Roadway	74.5	s.y.	9.0	670.50	11.0	819.50
1.27	Replace Asph/Conc Roadway	74.5	s.y.	65.0	4,842.50	95.0	7,077.50
1.28	Regrade & Regravel Roadway	20.0	ton	34.6	692.00	20.0	400.00
1.29	Remove Asph/Conc Driveway	190.5	s.y.	9.8	1,866.90	11.0	2,095.50
1.30	Replace Asph/Conc Driveway	190.5	s.y.	48.6	9,258.30	80.0	15,240.00
1.31	Remove Curb & Gutter	39.2	l.f.	6.8	266.56	7.0	274.40
1.32	Replace Curb & Gutter	39.2	l.f.	22.7	889.84	21.0	823.20
1.33	Remove Conc. Sidewalk	132.3	s.f.	1.2	158.76	1.5	198.45
1.34	Replace Concrete Sidewalk	132.3	s.f.	7.0	926.10	8.0	1,058.40
1.35	8 mil Polywrap	478.7	l.f.	1.1	526.57	1.6	765.92
1.36	10" Saddle and 2" Corp.	1.0	ea.	900.0	900.00	500.0	500.00
1.37	Abandonment of 10" Water Main, Complete	2.0	ea.	2,550.0	5,100.00	1,400.0	2,800.00
1.38	Temporary Erosion Control - Complete	2.0	ea.	516.0	1,032.00	600.0	1,200.00
1.39	Temporary Traffic Control - Complete	2.0	ea.	1,265.0	2,530.00	2,500.0	5,000.00
Construction Estimate					\$178,473.95		\$193,022.32
Schedule					171 days		70 days



Jason Eley, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: July 13, 2011 at 2:00 p.m.
FOR: Water Main Project 2011-W-3
DEPARTMENT: Utilities
ESTIMATE: \$223,000.00
FUND/ACCOUNT: 525
PUBLICATION DATE: June 24, 2011
NO. POTENTIAL BIDDERS: 10

SUMMARY

Bidder:	<u>Diamond Engineering Co.</u> Grand Island, NE	<u>General Excavating</u> Lincoln, NE
Bid Security:	Universal Surety Company	Universal Surety Company
Exceptions:	None	None
Bid Price:	\$178,473.95	\$193,022.32

cc: Tim Luchsinger, Utilities Director
Jason Eley, Purchasing Agent
Mary Lou Brown, City Administrator

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

P1483

RESOLUTION 2011-176

WHEREAS, the City of Grand Island invited sealed bids for Water Main Project 2011-W-3, Broadwell Avenue at the Union Pacific Railroad, and Vine Street at the Union Pacific Railroad, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on July 13, 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 \$178,473.95; and

WHEREAS, the bid of the Diamond Engineering Company is less than the estimate for Water Main Project 2011-W-3, Broadwell Avenue at the Union Pacific Railroad, and Vine Street at the Union Pacific Railroad.

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 \$173,473.95 for Water Main Project 2011-W-3, is hereby approved as the lowest responsible bid.

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

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
July 21, 2011	☐ City Attorney