



City of Grand Island

Tuesday, June 11, 2013

Council Session

Item G-11

#2013-177 - Approving Concurrence of Bid Award with Nebraska Department of Roads to The Diamond Engineering Company for the Construction Contract on Walk to Walnut Project No. SRTS-40(57)

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

Council Agenda Memo

From: Scott Griepestroh, Project Manager

Meeting: June 11, 2013

Subject: Approving Selection of The Diamond Engineering Company for the Construction Contract for the Walk to Walnut Project

Item #'s: G-11

Presenter(s): John Collins, Public Works Director

Background

All agreements must be approved by the City Council.

The Walk to Walnut project will realign the main driveway to Walnut Middle School with the intersection of 15th Street and Custer Avenue and install traffic signals. This project is mostly funded with Safe Routes to School (SRTS) funds authorized by the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A legacy for Users (SAFETEA-LU). These funds are administered by the Nebraska Department of Roads (NDOR).

The new driveway will be constructed through the Custer and Fifteenth Mini-park. A permanent easement was granted to Grand Island Public Schools for the driveway. Traffic signal poles and public sidewalk will be constructed on the edge east of the Mini-park at the intersection of the new driveway and Custer Avenue. This project will improve traffic flow by Walnut Middle School, improve safety for students crossing Custer Avenue, and encourage more students to walk and bicycle to school.

The City Council approved the program agreement with the Nebraska Department of Roads for Safe Routes to School Program Funding for the Walk to Walnut Project on August 28, 2007. This project was initially anticipated to be completed in 2008, but changes in Federal Highway funded projects caused significant delays. Increased environmental clearance requirements, most notably the process for converting a portion of the Mini-park to use as a driveway, caused the majority of delays.

The original funding limit for this project was set at \$249,004.00. The funding limit was recently removed and Federal Aid will be used to pay for 100% of the costs for construction, construction engineering and utility relocation.

Discussion

As per the Program Agreement with NDOR, the State advertised and conducted the letting on behalf of the City of Grand Island. On April 25, 2013, bids were advertised on the NDOR Contract Lettings website for the Walk to Walnut Project. One bid was received and opened on May 23, 2013. The bid was submitted in compliance with the contract, plans and specifications. The bid tabulation is included with this Council item.

<i>Bidder</i>	<i>Exceptions</i>	<i>Bid</i>
The Diamond Engineering Company of Grand Island, NE	None	\$337,104.36

The sole bid exceeds the NDOR estimated total cost of \$295,446.25. Public Works and the NDOR Contracts Section reviewed the sole bid and determined it to be acceptable. A recent increase in construction activity regionally is considered as one cause for contractors submitting higher bid prices. Also, unit bid prices for certain items were likely higher due to the relatively small quantities.

It is unlikely that re-advertising the project will result in lower bids. In order for the project to be completed this construction season, the project must be awarded by June 30, 2013.

The tentative start date for construction is July 22, 2013. The project is expected to be completed in September, 2013. Public Works staff is currently in the process of negotiating the scope and fee for Construction Engineering services with The Schemmer Associates, Inc.

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 approves the selection of The Diamond Engineering Company of Grand Island, Nebraska for the Construction Contract for the Walk to Walnut Project.

Sample Motion

Move to approve the agreement.



Dave Heineman
Governor

STATE OF NEBRASKA

DEPARTMENT OF ROADS

Randall D. Peters, P.E., Director – State Engineer
1500 Highway 2 • PO Box 94759 • Lincoln NE 68509-4759
Phone (402) 471-4567 • FAX (402) 479-4325 • www.dor.state.ne.us

May 24, 2013

CITY OF GRAND ISLAND
C/O CITY CLERK
100 EAST FIRST STREET
BOX 1968
GRAND ISLAND NE 68802-1968



RE: Federal Aid Project No. SRTS-40(57)
Letting Date: May 23, 2013

We have enclosed a resolution on the above project for your consideration. It has been prepared by using the bid tabulations to select the low bidder(s) to whom a contract(s) should be awarded.

Please take action on this resolution immediately. We need to have the completed resolution in this office by Wednesday, June 12, 2013, so we can comply with the laws concerning award or rejection of this project.

You may want to consider the following before taking official action:

1. The enclosed tabulation of all bids received on this project.
2. The low bid for the entire project is above the estimated cost of \$295,446.25. This estimate is confidential and is furnished for your information only.

Complete the blanks at the bottom of the resolution showing your official action and have the mayor sign in the space provided. Return the original to the Department of Roads, Contract Lettings Section, and keep the copy for your records.

This resolution gives authority for your mayor to sign the contract(s) that will be mailed to you at a later date.

If you have any questions, call this office (402) 479-4525.

Sincerely,

Karen McCord
Highway Contracts Technician
Contract Lettings Section
Construction Division

KM/Z1-C

Xc: Mick Syslo
Wes Wahlgren, District Four Engineer
City Engineer
File

An Equal Opportunity/Affirmative Action Employer

DATE : 05/23/13
PAGE : 2

NEBRASKA DEPARTMENT OF ROADS

VENDOR RANKING

CALL ORDER : 410
LETTING DATE : 05/23/13
CONTRACT DESCRIPTION :
GRAND ISLAND WALNUT MIDDLE SCHOOL

CONTRACT ID : 4521Y
DISTRICT : 4

COUNTIES : HALL

PROJECT(S) : SRTS-40(57)

VENDOR NO. BID NOTES

RANK	VENDOR NO./NAME	TOTAL		% OVER	
		BID		LOW BID	
1	0013 THE DIAMOND ENGINEERING COMPANY	\$ 337,104.36		100.0000%	

CALL ORDER : 410
LETTING DATE : 05/23/13 1:30 PMCONTRACT ID : 4521Y
DISTRICT : 4

COUNTIES : HALL

TABULATION OF BIDS

LINE NO / ITEM CODE / ALT ITEM DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
SECTION 0001 GROUP 1 GRADING							
0001 0030.10 MOBILIZATION	LUMP	9393.00000	9393.00				
0002 1000.00 LARGE TREE REMOVAL	1.000 EACH	150.00000	150.00				
0003 1009.00 GENERAL CLEARING AND GRUBBING	LUMP	2700.00000	2700.00				
0004 1011.00 WATER	5.000 MGAL	30.00000	150.00				
0005 1016.00 RE-ESTABLISH PROPERTY CORNER	7.000 EACH	210.00000	1470.00				
0006 1030.00 EARTHWORK MEASURED IN EMBANKMENT	1033.000 CY	20.00000	20660.00				
0007 1101.00 REMOVE PAVEMENT	967.300 SY	7.50000	7254.75				
0008 1101.25 SAWING PAVEMENT	612.000 LF	7.50000	4590.00				
0009 1107.00 REMOVE WALK	389.100 SY	10.50000	4085.55				
0010 1108.00 REMOVE COMBINATION CURB AND GUTTER	244.600 LF	11.00000	2690.60				
0011 1123.00 REMOVE CONCRETE DITCH LINER	37.000 SY	12.00000	444.00				
0012 1006.00 COVER CROP SEEDING	0.500 ACRE	800.00000	400.00				
0013 1019.12 EROSION CONTROL, CLASS 1C	840.000 SY	2.00000	1680.00				
0014 1022.11 FABRIC SILT FENCE-LOW POROSITY	535.000 LF	4.00000	2140.00				
SECTION TOTALS			\$ 57,807.90	\$	0.00	\$	0.00
SECTION 0002 GROUP 3 CONCRETE PAVEMENT							
0015 0002.30 PAVEMENT MARKING REMOVAL	158.000 LF	5.00000	790.00				
0016 0030.30 MOBILIZATION	LUMP	4349.26000	4349.26				
0017 3008.05 TIE BARS	213.000 EACH	13.23000	2817.99				

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			(1) 0013		(()
			DIAMOND ENGINEERING COMPANY							
0018	3014.11	216.400 LF		24.32000	5262.85					
COMBINATION CONCRETE CLASS 47B-3500										
CURB AND GUTTER										
0019	3016.21	644.100 SY		45.31000	29184.17					
CONCRETE CLASS 47B-3000 SIDEWALKS										
0020	3016.39	88.000 SF		47.24000	4157.12					
DETECTABLE WARNING PANEL										
0021	3017.40	36.300 SY		61.18000	2220.83					
CONCRETE CLASS 47B-3000 MEDIAN SURFACIN										
0022	3075.12	1442.200 SY		50.85000	73335.87					
6" CONCRETE PAVEMENT, CLASS 47B-3500										
0023	3075.32	39.300 SY		76.44000	3004.09					
8" CONCRETE PAVEMENT, CLASS 47B-3500										
0024	7321.00	24.000 SF		37.00000	888.00					
TYPE A SIGN										
0025	7502.14	565.000 LF		3.00000	1695.00					
4" WHITE PREFORMED PAVEMENT MARKING,										
TYPE 4, GROOVED										
0026	7503.14	1786.000 LF		3.00000	5358.00					
4" YELLOW PREFORMED PAVEMENT MARKING,										
TYPE 4, GROOVED										
0027	7508.14	11.000 LF		15.00000	165.00					
12" WHITE PREFORMED PAVEMENT MARKING,										
TYPE 4, GROOVED										
0028	7512.14	230.000 LF		25.00000	5750.00					
24" WHITE PREFORMED PAVEMENT MARKING,										
TYPE 4, GROOVED										
0029	9111.00	5.000 MEAL		115.47000	577.35					
WATER										
0030	9173.20	1482.000 SY		3.88000	5750.16					
SUBGRADE PREPARATION										
0031	L001.02	0.700 ACRE		2000.00000	1400.00					
SEEDING, TYPE B										
0032	L032.80	0.750 TON		4000.00000	3000.00					
HYDROMULCH										
SECTION TOTALS				\$	149,705.69			\$	0.00	\$
SECTION 0003 GROUP 4 CULVERTS										

ORIGINAL

NEBRASKA DEPARTMENT OF ROADS

DATE : 05/23/13
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(1) 0013 ()							
DIAMOND ENGINEERING COMPANY							
0033 0030.40 LUMP		1574.63000	1574.63				
MOBILIZATION							
0034 1090.01 1.000 EACH	1.000	608.86000	608.86				
ABANDON MANHOLE							
0035 1119.00 1.000 EACH	1.000	514.38000	514.38				
REMOVE INLET							
0036 4011.60 1.000 EACH	1.000	2353.54000	2353.54				
AREA INLET							
0037 4020.26 163.000 SY	163.000	62.05000	10114.15				
6" REINFORCED CONCRETE LOW FLOW LINER							
0038 4035.00 1.000 EACH	1.000	100.00000	100.00				
REMOVE FLARED-END SECTION							
0039 4043.50 160.000 LF	160.000	12.00000	1920.00				
REMOVE SEWER PIPE							
0040 4130.06 0.070 CY	0.070	2939.31000	205.75				
CLASS 47B-3000 CONCRETE FOR PIPE							
CULVERT PLUG							
0041 4230.18 1.000 EACH	1.000	755.82000	755.82				
BAR GRATE FOR 18" CONCRETE FLARED-END							
SECTION							
0042 4230.24 1.000 EACH	1.000	860.80000	860.80				
BAR GRATE FOR 24" CONCRETE FLARED-END							
SECTION							
0043 4460.18 1.000 EACH	1.000	1060.25000	1060.25				
18" CONCRETE FLARED-END SECTION							
0044 4460.24 1.000 EACH	1.000	1270.20000	1270.20				
24" CONCRETE FLARED-END SECTION							
SECTION TOTALS							
		\$	21,338.38	\$	0.00	\$	0.00
SECTION 0004 GROUP 8B ELECTRICAL							
MOBILIZATION							
0045 0030.80 LUMP		3473.00000	3473.00				
0046 A001.05 1.000 EACH							
PULL BOX, TYPE PB-2							
0047 A004.00 6.000 EACH	6.000	795.00000	4770.00				
0048 A004.04 2.000 EACH							
TRAFFIC SIGNAL, TYPE TS-1							
TRAFFIC SIGNAL, TYPE TS-1LL							

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0049 A005.50 TRAFFIC SIGNAL CONTROLLER, TYPE NEMA	1.000 EACH	13100.00000	13100.00				
0050 A006.15 PEDESTRIAN SIGNAL, TYPE PS-1	6.000 EACH	530.00000	3180.00				
0051 A006.70 PEDESTRIAN PUSHBUTTON, TYPE PPB	6.000 EACH	205.00000	1230.00				
0052 A007.32 STREET LIGHTING UNIT TYPE SL-BT-30-8-0.20	2.000 EACH	1865.00000	3730.00				
0053 A007.38 RADAR VEHICLE DETECTOR	4.000 EACH	5735.00000	22940.00				
0054 A007.39 RADAR VEHICLE DETECTOR COMMUNICATION/POWER CABLE	332.000 LF	1.25000	415.00				
0055 A011.08 COMBINATION MAST ARM SIGNAL AND LIGHTING POLE, TYPE CMP-25-12	1.000 EACH	5140.00000	5140.00				
0056 A011.40 COMBINATION MAST ARM SIGNAL AND LIGHTING POLE, TYPE CMP-35-12	1.000 EACH	5265.00000	5265.00				
0057 A014.75 METER PEDESTAL	1.000 EACH	490.00000	490.00				
0058 A016.50 MAST ARM SIGNAL POLE, TYPE MP-30	1.000 EACH	3665.00000	3665.00				
0059 A016.60 MAST ARM SIGNAL POLE, TYPE MP-40	1.000 LF	5530.00000	5530.00				
0060 A070.14 2-INCH CONDUIT IN TRENCH	341.000 LF	2.90000	988.90				
0061 A070.18 3-INCH CONDUIT IN TRENCH	140.000 LF	4.00000	560.00				
0062 A074.14 2-INCH CONDUIT, JACKED	96.000 LF	12.50000	1200.00				
0063 A074.18 3-INCH CONDUIT, JACKED	96.000 LF	14.00000	1344.00				
0064 A077.13 3/C #14 AWG TRAFFIC SIGNAL CABLE	332.000 LF	1.20000	398.40				
0065 A077.22 12/C #14 AWG TRAFFIC SIGNAL CABLE	332.000 LF	2.50000	830.00				
0066 A079.43 #8 GROUNDING CONDUCTOR	663.000 LF	0.90000	596.70				

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(1) 0013							
DIAMOND ENGINEERING COMPANY							
0067 A079.48 GROUND ROD	2.000 EACH	50.00000	100.00				
0068 A079.55 SERVICE CABLE	48.000 LF	1.25000	60.00				
0069 A080.24 STREET LIGHTING CABLE, NO. 6 USE	894.000 LF	1.25000	1117.50				
0070 A819.00 TRAFFIC SIGNAL CABINET	1.000 EACH	1000.00000	1000.00				
SECTION TOTALS		\$	84,923.50	\$	0.00	\$	0.00
SECTION 0005 GROUP 10 GENERAL ITEMS							
0071 0001.08 BARRICADE, TYPE II	492.000 BDAY	0.50000	246.00				
0072 0001.10 BARRICADE, TYPE III	42.000 BDAY	7.52000	315.84				
0073 0001.90 SIGN DAY	325.000 EACH	3.63000	1179.75				
0074 0001.99 CONTRACTOR FURNISHED SIGN DAY	14.000 EACH	7.20000	100.80				
0075 0002.30 PAVEMENT MARKING REMOVAL	158.000 LF	5.00000	790.00				
0076 0003.10 FLAGGING	5.000 DAY	619.35000	3096.75				
0077 0030.00 MOBILIZATION	LUMP	3049.75000	3049.75				
0078 1017.50 CONSTRUCTION STAKING AND SURVEYING	LUMP	8500.00000	8500.00				
0079 9110.01 RENTAL OF LOADER, FULLY OPERATED	10.000 HOUR	100.00000	1000.00				
0080 9110.03 RENTAL OF DUMP TRUCK, FULLY OPERATED	10.000 HOUR	100.00000	1000.00				
0081 9110.07 RENTAL OF SKID LOADER, FULLY OPERATED	10.000 HOUR	75.00000	750.00				
0082 9110.27 RENTAL OF CRAWLER MOUNTED HYDRAULIC EXCAVATOR, FULLY OPERATED	10.000 HOUR	150.00000	1500.00				
0083 1022.75 TEMPORARY SILT CHECK	150.000 LF	4.00000	600.00				

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			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0084 L022.90		300.000 LF	4.00000	1200.00				
TEMPORARY SILT FENCE								
SECTION TOTALS			\$	23,328.89	\$	0.00	\$	0.00
CONTRACT TOTALS			\$	337,104.36	\$		\$	

RESOLUTION 2013-177

WHEREAS, the Nebraska Department of Roads invited sealed bids on behalf of the City of Grand Island for the construction of Walk to Walnut Project No. SRTS-40(57), according to plans and specifications on file with the City Engineer/Public Works Director; and

WHEREAS, on May 23, 2013 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 \$337,104.36; and

WHEREAS, The Diamond Engineering Company's bid was above the engineer's estimate for the project, however it is believed to be fair and reasonable, as it is within 14% of such estimate; and

WHEREAS, if for any reason the Federal Highway Administration rescinds, limits its obligations, or defers payment of the Federal share of the cost of this project, the City hereby agrees to provide the necessary funds to pay for all costs incurred until and in the event such Federal Funds are allowed and paid; and

WHEREAS, the City Council hereby concurs in the selection of the above mentioned contractor for the project work listed, to whom the contract should be awarded.

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, in the amount of \$337,104.36 for the construction of the Walk to Walnut Project No. SRTS-40(57) 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.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, June 11, 2013.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	<input type="checkbox"/> _____
June 7, 2013	<input type="checkbox"/> City Attorney