



Roll Call Number

Agenda Item Number

66

DATE November 23, 2020

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 2021 TRAFFIC SIGNAL REPLACEMENT CONTRACT 1; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS IOWA SIGNAL, INC., WAYNE LESLEY, PRESIDENT, \$471,423.67

WHEREAS, on October 5, 2020, under Roll Call No. 20-1547, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

2021 Traffic Signal Replacement Contract 1, 042021008

The improvement includes new traffic signals, vehicle detector loops, Portland Cement Concrete (PCC) pavement, PCC sidewalks, pavement markings, modular block retaining wall, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 619-245/281, located at the intersection of 56th Street and Grand Avenue and the intersection of 42nd Street and Grand Avenue, Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- Iowa Signal, Inc., Grimes, IA Low Bid
- Synergy Contracting, LLC, Bondurant, IA
- Minturn, Inc., Brooklyn, IA
- TK Concrete, Inc., Pella, IA
- Van Maanen Electric, Inc., Newton, IA

which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on October 20, 2020. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.



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BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Iowa Signal, Inc. (2154c), Wayne Lesley, President, 3711 S.E. Capitol Circle, Grimes, IA, 50111 in the amount of \$471,423.67, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project. **(Council Communication No. 20-516)**

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/ Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN

Funding Source: 2020-2021 CIP, Page Street – 52, Traffic Signals – Replacement, TR091

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
WESTERGAARD				
GRAY				
BOESEN				
VOSS				
MANDELBAUM				
GATTO				
TOTAL				

I, P. Kay Cmelik, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED APPROVED

Mayor

City Clerk

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TABULATED BY: L.A. Vaughan APPROVED BY: Calvin Miller

CHECKED BY: Joseph Esdy

CONTRACTOR'S BID TABULATION
PROJECT: 2021 Traffic Signal Replacement Contract 1

ESTIMATE

Iowa Signal, Inc. Grimes, IA		Synergy Contracting LLC Altoona, IA		Mintum, Inc. Brooklyn, IA	
BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond	
BID PRICE		BID PRICE		BID PRICE	
UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
	\$75.00	\$300.00	\$420.00	\$300.00	\$900.00
	\$150.00	\$280.00	\$3,080.00	\$185.00	\$2,035.00
	\$750.00	\$1,400.00	\$1,400.00	\$900.00	\$900.00
	\$75.00	\$140.00	\$2,520.00	\$100.00	\$1,800.00
	\$30.00	\$28.00	\$4,818.80	\$45.00	\$7,744.50
	\$115.00	\$112.00	\$14,100.80	\$85.00	\$10,701.50
	\$120.00	\$140.00	\$10,192.00	\$105.00	\$7,644.00
	\$70.00	\$140.00	\$16,800.00	\$40.00	\$4,800.00
	\$350.00	\$140.00	\$14,028.00	\$135.00	\$13,527.00
	\$40.00	\$70.00	\$1,260.00	\$100.00	\$1,800.00
	\$430,000.00	\$352,000.00	\$352,000.00	\$333,000.00	\$333,000.00
	\$500.00	\$770.00	\$16,632.00	\$700.00	\$15,120.00
	\$20,000.00	\$9,900.00	\$9,900.00	\$20,000.00	\$20,000.00
	\$40,000.00	\$27,500.00	\$1,100.00	\$30,000.00	\$1,200.00
	\$125.00	\$220.00	\$4,400.00	\$300.00	\$6,000.00
	\$3.00	\$3.00	\$750.00	\$5.00	\$1,250.00
	\$1.00	\$1.00	\$250.00	\$2.50	\$625.00
	\$80.00	\$80.00	\$5,472.00	\$80.00	\$5,472.00
	\$15.00	\$28.00	\$784.00	\$23.50	\$658.00
	\$10,000.00	\$4,200.00	\$4,200.00	\$8,400.00	\$8,400.00
	\$50,065.50	\$21,700.00	\$21,700.00	\$49,000.00	\$49,000.00
	\$3,000.00	\$4,200.00	\$4,200.00	\$100.00	\$100.00
	\$550.00	\$550.00	\$6,600.00	\$550.00	\$6,600.00
TOTAL CONSTRUCTION COST	\$618,000.00	\$471,423.67	\$496,607.60	\$499,277.00	
PERCENT OF ENGINEER'S ESTIMATE		-23.72%	-19.64%	-19.21%	
		Low			

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
0001	Topsoil, Offsite	3	CY	\$75.00	\$225.00
0002	Excavation, Class 10	11	CY	\$150.00	\$1,650.00
0003	Manhole Adjustment, Minor	1	EA	\$750.00	\$750.00
0004	Curb and Gutter, 2.0 Ft, 9 In	18	LF	\$75.00	\$1,350.00
0005	Removal of Sidewalk	172.1	SY	\$30.00	\$5,163.00
0006	Sidewalk, PCC, 4 In	125.9	SY	\$115.00	\$14,478.50
0007	Sidewalk, PCC, 6 In	72.8	SY	\$120.00	\$8,736.00
0008	Detectable Warning	120	SF	\$70.00	\$8,400.00
0009	Full Depth Patches, PCC Finish	100.2	SY	\$350.00	\$35,070.00
0010	Curb and Gutter Removal	18	LF	\$40.00	\$720.00
0011	Traffic Signalization	1	LS	\$430,000.00	\$430,000.00
0012	Painted Pavement Markings, Durable Epoxy	21.6	STA	\$500.00	\$10,800.00
0013	Traffic Control	1	LS	\$20,000.00	\$20,000.00
0014	Hydraulic Seeding, Seeding, Fertilizing, and Type 4 (Urban Temp Erosion Control)	0.04	AC	\$40,000.00	\$1,600.00
0015	Sod	20	SQ	\$125.00	\$2,500.00
0016	Filter Sock, 6 In	250	LF	\$3.00	\$750.00
0017	Filter Sock, Removal	250	LF	\$1.00	\$250.00
0018	Modular Block Retaining Wall	68.4	SF	\$80.00	\$5,472.00
0019	Retaining Wall, Removal	28	LF	\$15.00	\$420.00
0020	Construction Survey	1	LS	\$10,000.00	\$10,000.00
0021	Mobilization	1	LS	\$50,065.50	\$50,065.50
0022	Concrete Washout	1	LS	\$3,000.00	\$3,000.00
0023	Uniformed Police Officer	12	DAY	\$550.00	\$6,600.00

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TABULATED BY: L.A. Vaughan APPROVED BY _____

CHECKED BY: *Samuel Esly*

CONTRACTOR'S BID TABULATION
PROJECT: 2021 Traffic Signal Replacement Contract 1

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
0001	Topsoil, Offsite	3 CY	\$75.00	\$225.00	\$200.00	\$600.00	\$160.50	\$481.50
0002	Excavation, Class 10	11 CY	\$150.00	\$1,650.00	\$150.00	\$1,650.00	\$133.75	\$1,471.25
0003	Manhole Adjustment, Minor	1 EA	\$750.00	\$750.00	\$1,500.00	\$1,500.00	\$1,337.50	\$1,337.50
0004	Curb and Gutter, 2.0 Ft, 9 In	18 LF	\$75.00	\$1,350.00	\$75.00	\$1,350.00	\$74.90	\$1,348.20
0005	Removal of Sidewalk	172.1 SY	\$30.00	\$5,163.00	\$25.00	\$4,302.50	\$21.40	\$3,682.94
0006	Sidewalk, PCC, 4 In	125.9 SY	\$115.00	\$14,478.50	\$100.00	\$12,590.00	\$107.00	\$13,471.30
0007	Sidewalk, PCC, 6 In	72.8 SY	\$120.00	\$8,736.00	\$125.00	\$9,100.00	\$117.70	\$8,568.56
0008	Detectable Warning	120 SF	\$70.00	\$8,400.00	\$50.00	\$6,000.00	\$53.50	\$6,420.00
0009	Full Depth Patches, PCC Finish	100.2 SY	\$350.00	\$35,070.00	\$250.00	\$25,050.00	\$267.50	\$26,803.50
0010	Curb and Gutter Removal	18 LF	\$40.00	\$720.00	\$40.00	\$720.00	\$32.10	\$577.80
0011	Traffic Signalization	1 LS	\$430,000.00	\$430,000.00	\$368,000.00	\$368,000.00	\$365,000.00	\$365,000.00
0012	Painted Pavement Markings, Durable Epoxy	21.6 STA	\$500.00	\$10,800.00	\$800.00	\$17,280.00	\$749.00	\$16,178.40
0013	Traffic Control	1 LS	\$20,000.00	\$20,000.00	\$12,500.00	\$12,500.00	\$9,523.00	\$9,523.00
0014	Hydraulic Seeding, Seeding, Fertilizing, and Type 4 (Urban Temp Erosion Control)	0.04 AC	\$40,000.00	\$1,600.00	\$50,000.00	\$2,000.00	\$41,730.00	\$1,669.20
0015	Sod	20 SQ	\$125.00	\$2,500.00	\$150.00	\$3,000.00	\$144.45	\$2,889.00
0016	Filter Sock, 6 In	250 LF	\$3.00	\$750.00	\$5.00	\$1,250.00	\$3.48	\$870.00
0017	Filter Sock, Removal	250 LF	\$1.00	\$250.00	\$2.50	\$625.00	\$1.07	\$267.50
0018	Modular Block Retaining Wall	68.4 SF	\$80.00	\$5,472.00	\$100.00	\$6,840.00	\$96.30	\$6,586.92
0019	Retaining Wall, Removal	28 LF	\$15.00	\$420.00	\$40.00	\$1,120.00	\$42.80	\$1,198.40
0020	Construction Survey	1 LS	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$7,169.00	\$7,169.00
0021	Mobilization	1 LS	\$50,065.50	\$50,065.50	\$60,000.00	\$60,000.00	\$75,000.00	\$75,000.00
0022	Concrete Washout	1 LS	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$1,070.00	\$1,070.00
0023	Uniformed Police Officer	12 DAY	\$550.00	\$6,600.00	\$550.00	\$6,600.00	\$550.00	\$6,600.00
TOTAL CONSTRUCTION COST				\$618,000.00		\$555,577.50		\$558,183.97
PERCENT OF ENGINEER'S ESTIMATE						-10.10%		-9.68%

TK Concrete, Inc.
Pella, IA

BID SECURITY
10% Bid Bond

BID PRICE

Van Maanen Electric, Inc.
Newton, IA

BID SECURITY
10% Bid Bond

BID PRICE