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DATE March 23, 2020

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 2020 TRAFFIC SIGNAL REPLACEMENT CONTRACT 1; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS VAN MAANEN ELECTRIC, INC., NATHAN S. VAN MAANEN, PRESIDENT, \$831,245.00

WHEREAS, on February 10, 2020, under Roll Call No. 20-0209, 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:

2020 Traffic Signal Replacement Contract 1, 04-2020-007

The improvement includes new traffic signals, new High-Intensity Activated CrossWalk (HAWK) pedestrian signal, vehicle loop detectors, Hot Mix Asphalt (HMA) pavement, Portland Cement Concrete (PCC) sidewalk, pavement markings, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 613-128/187, located at the intersections of S.E. 5th Street and E. Porter Avenue and of E. 30th Street and E. Walnut Street, and on 6th Avenue at Mercy College north of Crocker Street, 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:

- | | |
|---------------------------|---------------|
| Van Maanen Electric, Inc. | Newton, IA |
| Minturn, Inc. | Brooklyn, IA |
| Ti-Zack Concrete, Inc. | Le Center, MN |

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 February 25, 2020. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.



Roll Call Number

Agenda Item Number

60

DATE March 23, 2020

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 Van Maanen Electric, Inc., Nathan S. Van Maanen, President, 500 Iowa Speedway, Newton, IA, 50208 in the amount of \$831,245.00, 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.

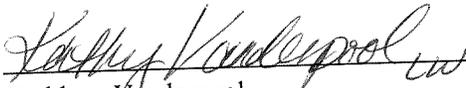
BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

(City Council Communication Number 20-146 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE


Kathleen Vanderpool
Deputy City Attorney


Nickolas J. Schaul
Interim Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Street – 40, Traffic Signals – Replacement, TR091, Being: \$650,000 G.O. bonds issued, \$106,245 G.O. Bonds to be issued, \$75,000 Mercy College of Medical Sciences

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

TABULATED BY: J. Eady
CHECKED BY: *Seamus Vaughn*
APPROVED BY: *R. De Groot*

CONTRACTOR'S BID TABULATION
PROJECT: 2020 Traffic Signal Replacement Contract 1

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		Van Maanen Electric, Inc. Newton, IA		Minturn, Inc. Brooklyn, IA		Ti-Zack Concrete, Inc. LeCenter, MN	
			PRICE	AMOUNT	BID SECURITY 10% Bid Bond	BID PRICE	BID SECURITY 10% Bid Bond	BID PRICE	BID SECURITY 10% Bid Bond	BID PRICE
			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0001	Flaggers, Uniformed Police Officer	5 DAY	\$550.00	\$2,750.00	\$550.00	\$2,750.00	\$550.00	\$2,750.00	\$550.00	\$2,750.00
0002	Portable Dynamic Message Sign	10 DAY	\$400.00	\$4,000.00	\$280.00	\$2,800.00	\$220.00	\$2,200.00	\$450.00	\$4,500.00
0003	Removal of Type A Sign	4 EA	\$150.00	\$600.00	\$200.00	\$800.00	\$150.00	\$600.00	\$246.00	\$984.00
0004	Install Type A Sign	4 EA	\$300.00	\$1,200.00	\$350.00	\$1,400.00	\$300.00	\$1,200.00	\$246.00	\$984.00
0005	Clearing and Grubbing	50 UNIT	\$65.00	\$3,250.00	\$110.00	\$5,500.00	\$68.00	\$3,400.00	\$80.00	\$4,000.00
0006	Excavation and Grading	1 LS	\$2,000.00	\$2,000.00	\$5,400.00	\$5,400.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
0007	Subgrade Preparation	423 SY	\$20.00	\$8,460.00	\$27.00	\$11,421.00	\$20.00	\$8,460.00	\$25.00	\$10,575.00
0008	Subbase, Special Backfill, 6 in. Depth	240 SY	\$25.00	\$6,000.00	\$27.00	\$6,480.00	\$25.00	\$6,000.00	\$30.00	\$7,200.00
0009	Removal of Structure, Intake	1 EA	\$1,500.00	\$1,500.00	\$1,610.00	\$1,610.00	\$7,500.00	\$7,500.00	\$1,500.00	\$1,500.00
0010	Storm Sewer, Trenched, RCP, 15 in. Dia.	6 LF	\$150.00	\$900.00	\$430.00	\$2,580.00	\$700.00	\$4,200.00	\$150.00	\$900.00
0011	Manhole, SW-402, 3.5' x 3.5'	1 EA	\$4,000.00	\$4,000.00	\$6,260.00	\$6,260.00	\$12,000.00	\$12,000.00	\$4,000.00	\$4,000.00
0012	Intake, SW-503	1 EA	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00	\$14,000.00	\$14,000.00	\$6,000.00	\$6,000.00
0013	Curb and Gutter, P.C. Concrete, 1.5 Ft	286 LF	\$60.00	\$17,160.00	\$65.00	\$18,590.00	\$64.00	\$18,304.00	\$51.20	\$14,643.20
0014	HMA Standard Traffic (HT) Base, 3/4", PG-58-28S	50 TON	\$200.00	\$10,000.00	\$180.00	\$9,000.00	\$165.00	\$8,250.00	\$185.00	\$9,250.00
0015	HMA Standard Traffic (HT) Intermediate/Surface, 1/2", PG-58-28H	75 TON	\$250.00	\$18,750.00	\$180.00	\$13,500.00	\$192.00	\$14,400.00	\$215.00	\$16,125.00
0016	Removal of Sidewalk	324 SY	\$15.00	\$4,860.00	\$27.00	\$8,748.00	\$37.00	\$11,988.00	\$35.00	\$11,340.00
0017	Removal of Curb	74 LF	\$20.00	\$1,480.00	\$38.00	\$2,812.00	\$57.00	\$4,218.00	\$25.00	\$1,850.00
0018	Sidewalk, PCC, 4 in.	63 SY	\$55.00	\$3,465.00	\$86.00	\$5,418.00	\$115.00	\$7,245.00	\$122.00	\$7,686.00
0019	Sidewalk, PCC, 5 in., Class A	236 SY	\$75.00	\$17,700.00	\$108.00	\$25,488.00	\$95.00	\$22,420.00	\$122.00	\$28,792.00
0020	Sidewalk, PCC, 6 in.	95 SY	\$85.00	\$8,075.00	\$118.00	\$11,210.00	\$130.00	\$12,350.00	\$122.00	\$11,590.00
0021	Detectable Warning	188 SF	\$50.00	\$9,400.00	\$54.00	\$10,152.00	\$50.00	\$9,400.00	\$55.10	\$10,358.80
0022	Driveway, Paved, Type A, 6" PCC	4 SY	\$75.00	\$300.00	\$162.00	\$648.00	\$170.00	\$680.00	\$126.00	\$504.00
0023	Pavement Removal	320 SY	\$50.00	\$16,000.00	\$54.00	\$17,280.00	\$50.00	\$16,000.00	\$55.00	\$17,600.00
0024	Traffic Signalization - SE 5th & East Porter	1 LS	\$200,000.00	\$200,000.00	\$173,225.00	\$173,225.00	\$177,000.00	\$177,000.00	\$190,000.00	\$190,000.00
0025	Traffic Signalization - 6th Avenue HAWK Signal	1 LS	\$75,000.00	\$75,000.00	\$83,965.00	\$83,965.00	\$85,000.00	\$85,000.00	\$90,000.00	\$90,000.00
0026	Traffic Signalization - E 30th & E Walnut	1 LS	\$220,000.00	\$220,000.00	\$216,325.00	\$216,325.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00
0027	Painted Pavement Markings, Durable Epoxy	26.3 STA	\$300.00	\$7,890.00	\$565.00	\$14,859.50	\$575.00	\$15,122.50	\$300.00	\$7,890.00
0028	Pavement Markings, Removed	6.3 STA	\$60.00	\$378.00	\$360.00	\$2,268.00	\$360.00	\$2,268.00	\$60.00	\$378.00
0029	Grooves Cut for Epoxy	26.3 STA	\$200.00	\$5,260.00	\$165.00	\$4,339.50	\$165.00	\$4,339.50	\$200.00	\$5,260.00
0030	Temporary Traffic Control	1 LS	\$15,461.90	\$15,461.90	\$13,400.00	\$13,400.00	\$12,000.00	\$12,000.00	\$25,394.00	\$25,394.00
0031	Sod	11 SQ	\$130.00	\$1,430.00	\$270.00	\$2,970.00	\$275.00	\$3,025.00	\$75.00	\$825.00
0032	Filter Socks, 9 in.	284 LF	\$6.00	\$1,704.00	\$3.50	\$994.00	\$3.00	\$852.00	\$3.00	\$852.00
0033	Filter Socks, Removal	284 LF	\$3.00	\$852.00	\$1.75	\$497.00	\$1.50	\$426.00	\$1.50	\$426.00
0034	Inlet Protection Device, Drop-in Intake Protection	4 EA	\$200.00	\$800.00	\$215.00	\$860.00	\$200.00	\$800.00	\$200.00	\$800.00
0035	Inlet Protection Device, Open Throat Curb Intake Sediment Filter	9 LF	\$25.00	\$225.00	\$55.00	\$495.00	\$50.00	\$450.00	\$50.00	\$450.00
0036	Inlet Protection Device, Grate Intake Sediment Filter Bag	1 EA	\$250.00	\$250.00	\$215.00	\$215.00	\$200.00	\$200.00	\$200.00	\$200.00
0037	Inlet Protection Device, Maintenance	7 EA	\$120.00	\$840.00	\$55.00	\$385.00	\$50.00	\$350.00	\$50.00	\$350.00
0038	Removal and Reinstallation of Existing Chain Fence, Chain Link, 42"	5 LF	\$110.00	\$550.00	\$200.00	\$1,000.00	\$200.00	\$1,000.00	\$150.00	\$750.00
0039	Modular Block Retaining Wall	160 SF	\$80.00	\$12,800.00	\$60.00	\$9,600.00	\$45.00	\$7,200.00	\$55.00	\$8,800.00
0040	Demolition Work	1 LS	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$5,720.00	\$5,720.00
0041	Construction Survey	1 LS	\$9,000.00	\$9,000.00	\$8,500.00	\$8,500.00	\$9,000.00	\$9,000.00	\$6,500.00	\$6,500.00
0042	Mobilization	1 LS	\$97,209.10	\$97,209.10	\$115,000.00	\$115,000.00	\$83,000.00	\$83,000.00	\$84,000.00	\$84,000.00
TOTAL CONSTRUCTION COST				\$800,000.00		\$831,245.00		\$837,598.00		\$847,727.00
PERCENT OF ENGINEER'S ESTIMATE						+3.91%		+4.70%		+5.97%

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