



Roll Call Number

Agenda Item Number

56

DATE December 21, 2020

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON INTELLIGENT TRANSPORTATION SYSTEM PHASE 1; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS IOWA SIGNAL, INC. , WAYNE LESLEY, PRESIDENT, \$497,211.86

WHEREAS, on November 9, 2020, under Roll Call No. 20-1745, 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:

Intelligent Transportation System Phase 1, 042021002

The improvements include upgrading the communications infrastructure, communications network, traffic signal cabinet/controller and ITS equipment of the traffic signal system, removal of sidewalk and driveways, Portland Cement Concrete (PCC) sidewalks, PCC driveways, surface restoration; all in accordance with the contract documents, including Plan File Nos. 620-116/173, located along Martin Luther King Jr. Parkway from Fleur Drive to E. 30th Street, E. 30th Street from Martin Luther King Jr. Parkway to E. University Avenue, E. University Avenue from I-235 to Williams Street, Hubbell Avenue from E. University Avenue to E. Euclid Avenue, E. Euclid Avenue from E. 14th Street to Hubbell Avenue, E. 14th Street from E. Euclid Avenue to E. 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.

WHEREAS, in accordance with said notice, those interested in said proposed plans, specifications, form of contract documents, and Engineer's estimate of construction cost both for and against, have been given opportunity to be heard with respect thereto and have presented their views to the City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the upon due consideration of the facts, and any and all statements of interested persons, any objections to the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement are overruled and the hearing is closed and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are here by approved.

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

- Iowa Signal, Inc. , Grimes, IA Low Bid
- Van Maanen Electric, Inc., Newton, IA
- Baker Electric, Inc., Des Moines, IA
- Synergy Contracting, LLC, Bondurant, IA



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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 November 24, 2020. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

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. , Wayne Lesley, President, 3711 S.E. Capitol Circle, Grimes, IA, 50111 in the amount of \$497,211.86, 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. 20-550)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/ Kathleen Vanderpool



Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

N7S

Funding Source: 2020-2021 CIP, Page Street – 54, Traffic System Operation Improvements, TR097, G. O. Bonds



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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
WESTERGAARD				
GRAY				
BOESEN				
VOSS				
MANDELBAUM				
GATTO				
TOTAL				
MOTION CARRIED			APPROVED	
_____				Mayor

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.

City Clerk

56

TABULATED BY: L.A. Vaughan

APPROVED BY: Calvin Miller

BID DATE: 11/24/20

CHECKED BY: *[Signature]*

CONTRACTOR'S BID TABULATION

PROJECT: Intelligent Transportation System Phase 1

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT	ESTIMATE		Iowa Signal, Inc. Grimes, IA		Van Maanen Electric, Inc. Newton, IA		Baker Electric, Inc. Des Moines, IA	
				PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0001	Excavation and Grading	1	LS	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00	\$10,700.00	\$10,700.00	\$8,997.32	\$8,997.32
0002	Curb and Gutter, 2.5 ft., 6 in.	100	LF	\$105.00	\$10,500.00	\$72.00	\$7,200.00	\$48.15	\$4,815.00	\$140.58	\$14,058.00
0003	2" HMA Patch Overlay	100	SY	\$50.00	\$5,000.00	\$51.00	\$5,100.00	\$54.57	\$5,457.00	\$57.35	\$5,735.00
0004	Removal of Sidewalk	100	SY	\$30.00	\$3,000.00	\$45.00	\$4,500.00	\$26.75	\$2,675.00	\$56.23	\$5,623.00
0005	Removal of Driveway	100	SY	\$30.00	\$3,000.00	\$45.00	\$4,500.00	\$26.75	\$2,675.00	\$45.72	\$4,572.00
0006	Sidewalk, PCC, 4 in.	100	SY	\$120.00	\$12,000.00	\$90.00	\$9,000.00	\$69.55	\$6,955.00	\$134.96	\$13,496.00
0007	Sidewalk, PCC, 6 in.	100	SY	\$125.00	\$12,500.00	\$95.00	\$9,500.00	\$80.25	\$8,025.00	\$140.58	\$14,058.00
0008	Detectable Warning, Cast Iron	100	SF	\$75.00	\$7,500.00	\$63.00	\$6,300.00	\$53.50	\$5,350.00	\$84.35	\$8,435.00
0009	Driveway, Paved, PCC, 8 in.	100	SY	\$50.00	\$5,000.00	\$110.00	\$11,000.00	\$80.25	\$8,025.00	\$67.48	\$6,748.00
0010	Full Depth Patch, PCC Finish	100	SY	\$350.00	\$35,000.00	\$95.00	\$9,500.00	\$310.30	\$31,030.00	\$449.86	\$44,986.00
0011	Curb and Gutter Removal	100	LF	\$40.00	\$4,000.00	\$12.00	\$1,200.00	\$21.04	\$2,104.00	\$56.23	\$5,623.00
0012	Traffic Signalization	1	LS	\$1,200,000.00	\$1,200,000.00	\$396,411.86	\$396,411.86	\$355,000.00	\$355,000.00	\$524,000.00	\$524,000.00
0013	Temporary Traffic Control	1	LS	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$24,025.00	\$24,025.00	\$8,434.98	\$8,434.98
0014	Hydraulic Seeding, Seeding, Fertilizing, and Mulching Type 1 (Permanent Lawn Mixture)	0.1	ACRE	\$20,000.00	\$2,000.00	\$25,000.00	\$2,500.00	\$32,100.00	\$3,210.00	\$39,363.27	\$3,936.33
0015	Erosion Control Mulching, Hydromulching	0.1	ACRE	\$20,000.00	\$2,000.00	\$25,000.00	\$2,500.00	\$32,100.00	\$3,210.00	\$22,493.30	\$2,249.33
0016	Mobilization	1	LS	\$65,000.00	\$65,000.00	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$56,000.00	\$56,000.00
0017	Concrete Washout	1	LS	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$2,140.00	\$2,140.00	\$2,249.33	\$2,249.33
TOTAL CONSTRUCTION COST					\$1,385,500.00		\$497,211.86		\$525,396.00		\$729,201.29
PERCENT OF ENGINEER'S ESTIMATE							-64.11%		-62.08%		-47.37%
							Low				

BID DATE: 11/24/20

TABULATED BY: L.A. Vaughan APPROVED BY _____

CHECKED BY: *[Signature]*

CONTRACTOR'S BID TABULATION
PROJECT: Intelligent Transportation System Phase 1

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT	ESTIMATE		BID PRICE	
				PRICE	AMOUNT	PRICE	AMOUNT
0001	Excavation and Grading	1	LS	\$7,000.00	\$7,000.00	\$3,600.00	\$3,600.00
0002	Curb and Gutter, 2.5 ft., 6 in.	100	LF	\$105.00	\$10,500.00	\$48.00	\$4,800.00
0003	2" HMA Patch Overlay	100	SY	\$50.00	\$5,000.00	\$72.00	\$7,200.00
0004	Removal of Sidewalk	100	SY	\$30.00	\$3,000.00	\$12.00	\$1,200.00
0005	Removal of Driveway	100	SY	\$30.00	\$3,000.00	\$12.00	\$1,200.00
0006	Sidewalk, PCC, 4 in.	100	SY	\$120.00	\$12,000.00	\$54.00	\$5,400.00
0007	Sidewalk, PCC, 6 in.	100	SY	\$125.00	\$12,500.00	\$66.00	\$6,600.00
0008	Detectable Warning, Cast Iron	100	SF	\$75.00	\$7,500.00	\$60.00	\$6,000.00
0009	Driveway, Paved, PCC, 8 in.	100	SY	\$50.00	\$5,000.00	\$96.00	\$9,600.00
0010	Full Depth Patch, PCC Finish	100	SY	\$350.00	\$35,000.00	\$120.00	\$12,000.00
0011	Curb and Gutter Removal	100	LF	\$40.00	\$4,000.00	\$18.00	\$1,800.00
0012	Traffic Signalization	1	LS	\$1,200,000.00	\$1,200,000.00	\$594,000.00	\$594,000.00
0013	Temporary Traffic Control	1	LS	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00
0014	Hydraulic Seeding, Seeding, Fertilizing, and Mulching Type 1 (Permanent Lawn Mixture)	0.1	ACRE	\$20,000.00	\$2,000.00	\$1,200.00	\$120.00
0015	Erosion Control Mulching, Hydromulching	0.1	ACRE	\$20,000.00	\$2,000.00	\$1,200.00	\$120.00
0016	Mobilization	1	LS	\$65,000.00	\$65,000.00	\$131,000.00	\$131,000.00
0017	Concrete Washout	1	LS	\$2,000.00	\$2,000.00	\$3,600.00	\$3,600.00
TOTAL CONSTRUCTION COST					\$1,385,500.00		\$806,240.00
PERCENT OF ENGINEER'S ESTIMATE							-41.81%

Synergy Contracting, LLC
Altoona, IA

BID SECURITY
10% Bid Bond

BID PRICE