

DATE February 10, 2020

ORDERING CONSTRUCTION OF
2020 TRAFFIC SIGNAL REPLACEMENT CONTRACT 1
AND FIXING A DATE FOR RECEIVING OF BIDS ON FEBRUARY 25, 2020
AND PUBLIC HEARING ON MARCH 23, 2020
ENGINEER'S ESTIMATE IS \$800,000.00

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost 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

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$800,000.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on March 23, 2020, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the City of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on February 25, 2020, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be 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, after which the bids together with a bid tabulation and recommendation of the Engineer will be presented to the City Council at its next meeting for action thereon.



Roll Call Number

Agenda Item Number

5 A

DATE February 10, 2020

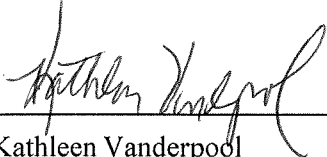
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 20-055 attached.)

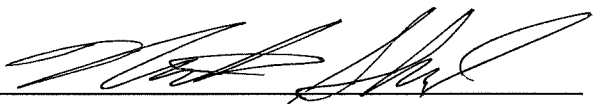
Moved by _____ to adopt.

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, \$75,000 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				

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

5A

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 04-2020-007

1/16/2020

PROJECT: 2020 Traffic Signal Replacement Contract 1

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001 *	Est Ref Notes	Flaggers, Uniformed Police Officer	DAY	5	\$550.00	\$2,750.00
0002 *	Est Ref Notes	Portable Dynamic Message Sign	DAY	10	\$400.00	\$4,000.00
0003 *	Est Ref Notes	Removal of Type A Sign	EA	4	\$150.00	\$600.00
0004 *	Est Ref Notes	Install Type A Sign	EA	4	\$300.00	\$1,200.00
0005 *	2010-108-A-0	Clearing and Grubbing	UNIT	50	\$65.00	\$3,250.00
0006 *	2010-108-E	Excavation and Grading	LS	1	\$2,000.00	\$2,000.00
0007	2010-108-G-0	Subgrade Preparation	SY	423	\$20.00	\$8,460.00
0008 *	2010-108-1-0	Subbase, Special Backfill, 6 in. Depth	SY	240	\$25.00	\$6,000.00
0009 *	2010-108-J-0	Removal of Structure, Intake	EA	1	\$1,500.00	\$1,500.00
0010	4020-108-A-1	Storm Sewer, Trenched, RCP, 15 in. Dia.	LF	6	\$150.00	\$900.00
0011	6010-108-A-0	Manhole, SW-402, 3.5' x 3.5'	EA	1	\$4,000.00	\$4,000.00
0012	6010-108-B-0	Intake, SW-503	EA	1	\$6,000.00	\$6,000.00
0013	7010-108-E-0	Curb and Gutter, P.C. Concrete, 1.5 Ft	LF	286	\$60.00	\$17,160.00
0014	7020-108-A	HMA Standard Traffic (HT) Base, 3/4", PG-58-28S	TON	50	\$200.00	\$10,000.00
0015	7020-108-A	HMA Standard Traffic (HT) Intermediate/Surface, 1/2", PG-58-28H	TON	75	\$250.00	\$18,750.00
0016 *	7030-108-A-0	Removal of Sidewalk	SY	324	\$15.00	\$4,860.00
0017 *	7030-108-B-0	Removal of Curb	LF	74	\$20.00	\$1,480.00
0018	7030-108-E-0	Sidewalk, PCC, 4 in.	SY	63	\$55.00	\$3,465.00
0019	7030-108-E	Sidewalk, PCC, 5 in., Class A	SY	236	\$75.00	\$17,700.00
0020	7030-108-E-1	Sidewalk, PCC, 6 in.	SY	95	\$85.00	\$8,075.00
0021	7030-108-G-0	Detectable Warning	SF	188	\$50.00	\$9,400.00
0022	7030-108-H-1	Driveway, Paved, Type A, 6" PCC	SY	4	\$75.00	\$300.00
0023 *	7040-108-H-0	Pavement Removal	SY	320	\$50.00	\$16,000.00
0024	8010-108-A-0	Traffic Signalization - SE 5th & East Porter	LS	1	\$200,000.00	\$200,000.00
0025	8010-108-A	Traffic Signalization - 6th Avenue HAWK Signal	LS	1	\$75,000.00	\$75,000.00
0026	8010-108-A-0	Traffic Signalization - E 30th & E Walnut	LS	1	\$220,000.00	\$220,000.00
0027	8020-108-C	Painted Pavement Markings, Durable Epoxy	STA	26.3	\$300.00	\$7,890.00
0028 *	8020-108-K-0	Pavement Markings, Removed	STA	6.3	\$60.00	\$378.00
0029 *	8020-108-M	Grooves Cut for Epoxy	STA	26.3	\$200.00	\$5,260.00
0030 *	8030-108-A-0	Temporary Traffic Control	LS	1	\$15,461.90	\$15,461.90
0031 *	9020-108-A-0	Sod	SQ	11	\$130.00	\$1,430.00
0032 *	9040-108-D-1	Filter Socks, 9 in.	LF	284	\$6.00	\$1,704.00
0033 *	9040-108-D-2	Filter Socks, Removal	LF	284	\$3.00	\$852.00
0034 *	9040-108-T-1	Inlet Protection Device, Drop-in Intake Protection	EA	4	\$200.00	\$800.00
0035 *	9040-108-T-1	Inlet Protection Device, Open Throat Curb Intake Sediment Filter	LF	9	\$25.00	\$225.00
0036 *	9040-108-T-1	Inlet Protection Device, Grate Intake Sediment Filter Bag	EA	1	\$250.00	\$250.00
0037 *	9040-108-T-2	Inlet Protection Device, Maintenance	EA	7	\$120.00	\$840.00
0038 *	9060-108-D-0	Removal and Reinstallation of Existing Chain Fence, Chain Link, 42"	LF	5	\$110.00	\$550.00
0039 *	9070-108-A-0	Modular Block Retaining Wall	SF	160	\$80.00	\$12,800.00
0040 *	10,010-108-A	Demolition Work	LS	1	\$2,500.00	\$2,500.00
0041 *	11,010-108-A	Construction Survey	LS	1	\$9,000.00	\$9,000.00
0042 *	11,020-108-A	Mobilization	LS	1	\$97,209.10	\$97,209.10

Prepared By: Joseph Eddy

Checked By: _____

TOTAL CONSTRUCTION COST \$800,000.00

* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

* Estimate Total= \$192,900.00