

DATE February 11, 2019

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON FLEUR DRIVE RECONSTRUCTION FROM GEORGE FLAGG PARKWAY TO WATROUS AVENUE PHASE 1 NORTHBOUND LANES; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS SYNERGY CONTRACTING, LLC, JESSE ROGNES, PRESIDENT, \$7,388,888.30

WHEREAS, on January 14, 2019, under Roll Call No. 19-0014, 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:

Fleur Drive Reconstruction from George Flagg Parkway to Watrous Avenue, Phase 1 Northbound Lanes, 06-2017-014

The improvement includes reconstructing the northbound lanes of Fleur Drive with Portland Cement Concrete (PCC) curb and gutter, 9-inch Hot Mix Asphalt (HMA) paving, 12-inch modified subbase, 3-inch milling with HMA paving, PCC sidewalk and driveways, retaining walls, storm sewer, subdrain, earthwork and grading, fencing, water main construction, new irrigation system, erosion control, and restoration; all in accordance with contract documents, including Plan File Nos. 606-001/372, located along Fleur Drive from Watrous Avenue to George Flagg Parkway 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:

- | | |
|--------------------------|---------------|
| Synergy Contracting, LLC | Bondurant, IA |
| C. J. Moyna & Sons, Inc. | Elkader, 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 January 29, 2019. 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 Synergy Contracting, LLC, Jesse Rognes, President, 1120 2nd Street NE, Bondurant, IA, 50035 in the amount of \$7,388,888.30, 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 19-056 attached.)

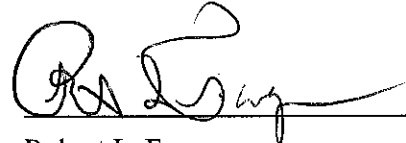
Moved by _____ to adopt.

FORM APPROVED:



Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE



Robert L. Fagen
Des Moines Finance Director

Funding Source: 2018-2019 CIP, Page Street – 5, Arterial Pavement Rehabilitation, ST267, G. O. Bonds, Being: \$2,000,000 in G.O. Bonds; \$3,325,000 in G.O. Bonds to be issued; and the remaining \$1,100,000 from Des Moines Water Works

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

MOTION CARRIED

APPROVED

Mayor

I, Diane Rauh, 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

TABULATED BY: B. Lewis APPROVED BY: *Celia Miller*
CHECKED BY: *[Signature]*

CONTRACTOR'S BID TABULATION
PROJECT: FLEUR DRIVE RECONSTRUCTION FROM GEORGE FLAGG PARKWAY
TO WATROUS AVENUE, PHASE 1 NORTHBOUND LANES
-----ESTIMATE-----

Synergy Contracting, LLC
Bondurant, IA

C.J. Moyna & Sons
Elkader, IA

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
DIVISION 1: FLEUR DR. RECONSTRUCTION (CITY OF DES MOINES)									
1	CLEARING & GRUBBING	185.1	UNIT	\$55.00	\$10,180.50	\$56.00	\$10,365.60	\$35.00	\$6,478.50
2	ON-SITE TOPSOIL	365	CY	\$25.00	\$9,125.00	\$49.00	\$17,885.00	\$61.80	\$22,557.00
3	OFF-SITE TOPSOIL	938	CY	\$30.00	\$28,140.00	\$49.00	\$45,982.00	\$89.00	\$83,482.00
4	EXCAVATION, CLASS 10	6317	CY	\$20.00	\$126,340.00	\$28.00	\$176,876.00	\$56.40	\$356,278.80
5	EXCAVATION, CLASS 13, WASTE	338	CY	\$35.00	\$11,830.00	\$35.00	\$11,830.00	\$79.20	\$26,769.60
6	BELOW GRADE EXCAVATION (CORE OUT)	250	CY	\$60.00	\$15,000.00	\$70.00	\$17,500.00	\$98.60	\$24,650.00
7	SUBGRADE PREPARATION	22945	SY	\$1.50	\$34,417.50	\$4.20	\$96,369.00	\$7.50	\$172,087.50
8	SUBGRADE TREATMENT, POLYMER GRID	21707	SY	\$3.50	\$75,974.50	\$7.00	\$151,949.00	\$8.50	\$184,509.50
9	ENGINEERING FABRIC	500	SY	\$4.25	\$2,125.00	\$4.20	\$2,100.00	\$10.00	\$5,000.00
10	MODIFIED SUBBASE, 6-INCH DEPTH	626	SY	\$12.00	\$7,512.00	\$15.40	\$9,640.40	\$23.90	\$14,961.40
11	MODIFIED SUBBASE, 12-INCH DEPTH	22945	SY	\$20.00	\$458,900.00	\$21.00	\$481,845.00	\$25.60	\$587,392.00
12	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 15 IN.	75	LF	\$150.00	\$11,250.00	\$184.80	\$13,860.00	\$155.00	\$11,625.00
13	STORM SEWER, TRENCHED, POLYPROPYLENE (PP), 15 IN.	211	LF	\$180.00	\$37,980.00	\$179.20	\$37,811.20	\$150.00	\$31,650.00
14	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 18 IN.	73	LF	\$125.00	\$9,125.00	\$187.60	\$13,694.80	\$160.00	\$11,680.00
15	STORM SEWER SPOT REPAIR, RCP, 2000D (CLASS III), 18 IN.	40	LF	\$200.00	\$8,000.00	\$327.60	\$13,104.00	\$400.00	\$16,000.00
16	STORM SEWER, TRENCHED, POLYPROPYLENE (PP), 18 IN.	333	LF	\$150.00	\$49,950.00	\$179.20	\$59,673.60	\$155.00	\$51,615.00
17	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 24 IN.	10	LF	\$200.00	\$2,000.00	\$357.00	\$3,570.00	\$400.00	\$4,000.00
18	REMOVAL OF STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	152	LF	\$30.00	\$4,560.00	\$21.00	\$3,192.00	\$50.00	\$7,600.00
19	SUBDRAIN, PVC, LONGITUDINAL, PERFORATED, 6 IN.	5761	LF	\$20.00	\$115,220.00	\$22.40	\$129,046.40	\$16.00	\$92,176.00
20	SUBDRAIN, PVC, SLOPE DRAIN, PERFORATED, 6 IN.	225	LF	\$75.00	\$16,875.00	\$49.00	\$11,025.00	\$40.00	\$9,000.00
21	SUBDRAIN OUTLETS AND CONNECTIONS, 8-INCH CMP	25	EACH	\$400.00	\$10,000.00	\$498.40	\$12,460.00	\$300.00	\$7,500.00
22	MANHOLE, SW-401, 48 IN.	1	EACH	\$4,500.00	\$4,500.00	\$4,235.00	\$4,235.00	\$13,000.00	\$13,000.00
23	INTAKE, SW-501	5	EACH	\$4,000.00	\$20,000.00	\$5,047.00	\$25,235.00	\$6,500.00	\$32,500.00
24	INTAKE, SW-505	2	EACH	\$6,000.00	\$12,000.00	\$7,007.00	\$14,014.00	\$7,000.00	\$14,000.00
25	INTAKE, SW-506, MODIFIED	1	EACH	\$10,000.00	\$10,000.00	\$21,266.00	\$21,266.00	\$13,000.00	\$13,000.00
26	MANHOLE ADJUSTMENT, MINOR	2	EACH	\$2,000.00	\$4,000.00	\$1,799.00	\$3,598.00	\$2,000.00	\$4,000.00
27	INTAKE ADJUSTMENT, MINOR	10	EACH	\$2,000.00	\$20,000.00	\$3,367.00	\$33,670.00	\$3,300.00	\$33,000.00
28	MANHOLE ADJUSTMENT, MAJOR	3	EACH	\$3,850.00	\$11,550.00	\$4,935.00	\$14,805.00	\$3,200.00	\$9,600.00
29	INTAKE ADJUSTMENT, MAJOR	6	EACH	\$3,850.00	\$23,100.00	\$5,117.00	\$30,702.00	\$5,200.00	\$31,200.00
30	CONNECTION TO EXISTING MANHOLE	1	EACH	\$2,600.00	\$2,600.00	\$4,900.00	\$4,900.00	\$2,300.00	\$2,300.00
31	CONNECTION TO EXISTING INTAKE	4	EACH	\$2,600.00	\$10,400.00	\$4,900.00	\$19,600.00	\$2,300.00	\$9,200.00
32	REMOVE MANHOLE	1	EACH	\$1,500.00	\$1,500.00	\$700.00	\$700.00	\$850.00	\$850.00
33	REMOVE INTAKE	2	EACH	\$1,500.00	\$3,000.00	\$700.00	\$1,400.00	\$850.00	\$1,700.00
34	PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 7-INCH	447	SY	\$65.00	\$29,055.00	\$60.50	\$27,043.50	\$56.00	\$25,032.00
35	PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 8-INCH	329	SY	\$75.00	\$24,675.00	\$66.00	\$21,714.00	\$72.00	\$23,688.00
36	PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 9-INCH	175	SY	\$90.00	\$15,750.00	\$71.50	\$12,512.50	\$98.00	\$17,150.00
37	CURB AND GUTTER, 1.5 FT WIDTH, 9-INCH THICKNESS	5475	LF	\$45.00	\$246,375.00	\$31.20	\$170,820.00	\$26.00	\$142,350.00
38	RAISED MEDIAN CURB, TYPE 'A'	1500	LF	\$45.00	\$67,500.00	\$44.00	\$66,000.00	\$44.00	\$66,000.00
39	CONCRETE MEDIAN, TYPE A	384	SY	\$150.00	\$57,600.00	\$154.00	\$59,136.00	\$66.00	\$25,344.00
40	CONCRETE MEDIAN, TYPE B	533	SY	\$150.00	\$79,950.00	\$154.00	\$82,082.00	\$54.00	\$28,782.00
41	COLORED MEDIAN BAND, 5-INCH PCC	210	SY	\$85.00	\$17,850.00	\$99.00	\$20,790.00	\$120.00	\$25,200.00
42	PAVEMENT, HMA, STANDARD TRAFFIC, BASE COURSE, 3/4 IN. MIX	4872	TON	\$100.00	\$487,200.00	\$90.00	\$438,480.00	\$90.00	\$438,480.00
43	PAVEMENT, HMA, HIGH TRAFFIC, INTERMEDIATE COURSE, 3/4 IN. MIX	2456	TON	\$110.00	\$270,160.00	\$90.00	\$221,040.00	\$90.00	\$221,040.00
44	PAVEMENT, HMA, HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SP	4482	TON	\$110.00	\$493,020.00	\$95.00	\$425,790.00	\$95.00	\$425,790.00
45	HMA PAVEMENT SAMPLES AND TESTING	1	LS	\$12,000.00	\$12,000.00	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00
46	REMOVAL OF SIDEWALKS	730	SY	\$12.00	\$8,760.00	\$11.20	\$8,176.00	\$19.80	\$14,454.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
47	REMOVAL OF DRIVEWAYS	977 SY	\$12.00	\$11,724.00	\$11.20	\$10,942.40	\$22.90	\$22,373.30
48	SIDEWALK, PCC, 5 IN.	2692 SY	\$50.00	\$134,600.00	\$44.00	\$118,448.00	\$42.00	\$113,064.00
49	SIDEWALK, PCC, 6 IN.	231 SY	\$60.00	\$13,860.00	\$68.00	\$20,328.00	\$56.00	\$12,936.00
50	SIDEWALK, PCC, 6 IN., WITH CURB	8 SY	\$65.00	\$520.00	\$66.00	\$528.00	\$200.00	\$1,600.00
51	SIDEWALK, PCC, 6 IN. CLASS A	116 SY	\$65.00	\$7,540.00	\$49.50	\$5,742.00	\$60.00	\$6,960.00
52	DETECTABLE WARNING	201 SF	\$50.00	\$10,050.00	\$49.50	\$9,949.50	\$48.00	\$9,648.00
53	DRIVEWAY, PAVED, PCC, 6 IN.	347 SY	\$65.00	\$22,555.00	\$52.80	\$18,321.60	\$55.00	\$19,085.00
54	DRIVEWAY, PAVED, PCC, 7 IN.	542 SY	\$70.00	\$37,940.00	\$57.20	\$31,002.40	\$62.50	\$33,875.00
55	FULL-DEPTH PATCHES	23 SY	\$150.00	\$3,450.00	\$330.00	\$7,590.00	\$180.00	\$4,140.00
56	SUBBASE OVER-EXCAVATION FOR PATCHING	12 TON	\$75.00	\$900.00	\$110.00	\$1,320.00	\$65.00	\$780.00
57	MILLING	3913 SY	\$8.00	\$31,304.00	\$9.10	\$35,608.30	\$6.50	\$25,434.50
58	PAVEMENT REMOVAL	26494 SY	\$12.00	\$317,928.00	\$19.60	\$519,282.40	\$26.30	\$696,792.20
59	MEDIAN REMOVAL	1431 SY	\$20.00	\$28,620.00	\$28.00	\$40,068.00	\$28.20	\$40,354.20
60	REMOVAL OF RAISED MEDIAN CURB	1500 LF	\$8.00	\$12,000.00	\$11.20	\$16,800.00	\$8.00	\$12,000.00
61	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	71 STA	\$75.00	\$5,325.00	\$14.00	\$994.00	\$10.00	\$710.00
62	PAINTED PAVEMENT MARKINGS, DURABLE	20.9 STA	\$100.00	\$2,090.00	\$112.00	\$2,340.80	\$80.00	\$1,672.00
63	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATE	46.6 STA	\$1,000.00	\$46,600.00	\$455.00	\$21,203.00	\$325.00	\$15,145.00
64	WET, RETROREFLECTIVE REMOVABLE TAPE MARKINGS	87.9 STA	\$100.00	\$8,790.00	\$175.00	\$15,382.50	\$125.00	\$10,987.50
65	PAINTED SYMBOLS & LEGENDS, WATERBORNE	9 EACH	\$150.00	\$1,350.00	\$140.00	\$1,260.00	\$100.00	\$900.00
66	PAINTED SYMBOLS & LEGENDS, DURABLE	20 EACH	\$250.00	\$5,000.00	\$245.00	\$4,900.00	\$175.00	\$3,500.00
67	TEMPORARY DELINEATORS	10 EACH	\$100.00	\$1,000.00	\$70.00	\$700.00	\$65.00	\$650.00
68	PAVEMENT MARKINGS REMOVED	14 STA	\$50.00	\$700.00	\$70.00	\$980.00	\$50.00	\$700.00
69	SYMBOLS & LEGENDS REMOVED	9 EACH	\$50.00	\$450.00	\$175.00	\$1,575.00	\$125.00	\$1,125.00
70	GROOVES CUT FOR PAVEMENT MARKINGS	20.5 STA	\$150.00	\$3,075.00	\$70.00	\$1,435.00	\$50.00	\$1,025.00
71	GROOVES CUT FOR SYMBOLS AND LEGENDS	20 EACH	\$250.00	\$5,000.00	\$175.00	\$3,500.00	\$125.00	\$2,500.00
72	TEMPORARY TRAFFIC CONTROL	1 LS	\$60,000.00	\$60,000.00	\$52,220.00	\$52,220.00	\$70,000.00	\$70,000.00
73	SAFETY CLOSURE	13 EACH	\$110.00	\$1,430.00	\$140.00	\$1,820.00	\$200.00	\$2,600.00
74	CONVENTIONAL SEEDING, TYPE 1	0.5 ACRE	\$5,000.00	\$2,500.00	\$2,100.00	\$1,050.00	\$1,500.00	\$750.00
75	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	1.5 ACRE	\$3,500.00	\$5,250.00	\$3,920.00	\$5,880.00	\$3,750.00	\$5,625.00
76	SODDING	275 SQ	\$70.00	\$19,250.00	\$98.00	\$26,950.00	\$72.00	\$19,800.00
77	FILTER SOCK, 9 IN. DIA.	8800 LF	\$2.00	\$17,600.00	\$2.80	\$24,640.00	\$1.50	\$13,200.00
78	FILTER SOCK, REMOVAL	8800 LF	\$1.00	\$8,800.00	\$0.14	\$1,232.00	\$0.30	\$2,640.00
79	TEMPORARY RECP, WOOD EXCELSIOR	2420 SY	\$6.00	\$14,520.00	\$2.80	\$6,776.00	\$1.35	\$3,267.00
80	SILT FENCE OR SILT FENCE DITCH CHECK	1350 LF	\$2.00	\$2,700.00	\$2.80	\$3,780.00	\$1.50	\$2,025.00
81	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	1350 LF	\$1.00	\$1,350.00	\$1.40	\$1,890.00	\$0.30	\$405.00
82	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	1350 LF	\$1.00	\$1,350.00	\$0.14	\$189.00	\$0.30	\$405.00
83	EROSION CONTROL MULCHING, HYDROMULCHING	2.5 ACRE	\$2,000.00	\$5,000.00	\$2,520.00	\$6,300.00	\$2,250.00	\$5,625.00
84	INLET PROTECTION DEVICE, SEDIMENT FILTER BAG	25 EACH	\$175.00	\$4,375.00	\$210.00	\$5,250.00	\$120.00	\$3,000.00
85	INLET PROTECTION DEVICE, MAINTENANCE	25 EACH	\$50.00	\$1,250.00	\$28.00	\$700.00	\$25.00	\$625.00
86	CHAIN LINK FENCE, VINYL COATED, 42 IN. HEIGHT	150 LF	\$40.00	\$6,000.00	\$34.72	\$5,208.00	\$24.80	\$3,720.00
87	MODULAR BLOCK RETAINING WALL	325 SF	\$40.00	\$13,000.00	\$33.60	\$10,920.00	\$24.00	\$7,800.00
88	REMOVE AND REINSTALL MODULAR BLOCK RETAINING WALL	125 SF	\$40.00	\$5,000.00	\$47.60	\$5,950.00	\$34.00	\$4,250.00
89	LIMESTONE RETAINING WALL	334 SF	\$45.00	\$15,030.00	\$74.20	\$24,782.80	\$53.00	\$17,702.00
90	REMOVE AND REINSTALL LIMESTONE RETAINING WALL	42 SF	\$40.00	\$1,680.00	\$112.00	\$4,704.00	\$80.00	\$3,360.00
91	SEGMENTAL BLOCK RETAINING WALL	2556 SF	\$55.00	\$140,580.00	\$50.75	\$129,717.00	\$36.25	\$92,655.00
92	GRANULAR BACKFILL FOR SEGMENTAL BLOCK RETAINING WALL	826 TON	\$65.00	\$53,690.00	\$61.60	\$50,881.60	\$44.00	\$36,344.00
93	MOBILIZATION	1 LS	\$297,744.50	\$297,744.50	\$594,000.00	\$594,000.00	\$1,250,000.00	\$1,250,000.00
94	MAINTENANCE OF POSTAL SERVICE	1 LS	\$2,000.00	\$2,000.00	\$7,000.00	\$7,000.00	\$22,000.00	\$22,000.00
95	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,000.00	\$2,000.00	\$14,000.00	\$14,000.00	\$18,000.00	\$18,000.00
96	CONCRETE WASHOUT	1 LS	\$8,000.00	\$8,000.00	\$14,000.00	\$14,000.00	\$8,500.00	\$8,500.00
97	REMOVALS	1 LS	\$5,000.00	\$5,000.00	\$14,000.00	\$14,000.00	\$10,000.00	\$10,000.00
98	TEMPORARY SHEET PILE AND SHORING	225 LF	\$75.00	\$16,875.00	\$140.00	\$31,500.00	\$325.00	\$73,125.00
99	OBJECT MARKER, TYPE OM1-3	13 EACH	\$150.00	\$1,950.00	\$280.00	\$3,640.00	\$155.00	\$2,015.00
100	FURNISH AND INSTALL SIGN	25 EACH	\$150.00	\$3,750.00	\$420.00	\$10,500.00	\$150.00	\$3,750.00
101	REMOVE, STORE, AND REINSTALL SIGN	2 EACH	\$150.00	\$300.00	\$210.00	\$420.00	\$250.00	\$500.00
102	REMOVE SIGN AND SIGN POST	24 EACH	\$50.00	\$1,200.00	\$70.00	\$1,680.00	\$150.00	\$3,600.00
103	VERTICAL DELINEATOR POST AND BASE, 3 FT, WHITE	100 EACH	\$75.00	\$7,500.00	\$84.00	\$8,400.00	\$100.00	\$10,000.00

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
104	PERFORATED SQUARE STEEL TUBE POSTS	128 LF	\$25.00	\$3,200.00	\$14.00	\$1,792.00	\$10.00	\$1,280.00
105	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	150 CDAY	\$100.00	\$15,000.00	\$84.00	\$12,600.00	\$80.00	\$12,000.00
106	ADJUST UTILITY/TRAFFIC SIGNAL MANHOLE OR HANDHOLE	11 EACH	\$500.00	\$5,500.00	\$910.00	\$10,010.00	\$650.00	\$7,150.00
107	REMOVE AND REPLACE TRAFFIC SIGNAL HANDHOLE	13 EACH	\$1,000.00	\$13,000.00	\$2,030.00	\$26,390.00	\$1,450.00	\$18,850.00
108	TRAFFIC LOOPS, 6 X 24	74 EACH	\$1,600.00	\$118,400.00	\$1,855.00	\$137,270.00	\$1,325.00	\$98,050.00
109	REMOVE AND REINSTALL POLE-MOUNTED PUSH-BUTTON	2 EACH	\$750.00	\$1,500.00	\$1,260.00	\$2,520.00	\$900.00	\$1,800.00
110	MAINTENANCE OF TRAFFIC SIGNALS AND SIGNS	1 LS	\$5,000.00	\$5,000.00	\$9,590.00	\$9,590.00	\$6,850.00	\$6,850.00
111	TEMPORARY TRAFFIC SIGNALIZATION	1 LS	\$25,000.00	\$25,000.00	\$32,900.00	\$32,900.00	\$23,500.00	\$23,500.00
112	TEMPORARY PAVEMENT	3291 SY	\$55.00	\$181,005.00	\$70.00	\$230,370.00	\$58.00	\$190,878.00
113	TEMPORARY GRANULAR MATERIAL	380 TON	\$55.00	\$20,900.00	\$35.00	\$13,300.00	\$65.00	\$24,700.00
114	STORM SEWER CLEANING	4 EACH	\$1,000.00	\$4,000.00	\$1,400.00	\$5,600.00	\$4,000.00	\$16,000.00
115	REMOVE AND REINSTALL CONCRETE BENCH WITH FOOTINGS	2 EACH	\$2,500.00	\$5,000.00	\$4,200.00	\$8,400.00	\$2,750.00	\$5,500.00
116	FLAGGER	30 EACH	\$480.00	\$14,400.00	\$480.00	\$14,400.00	\$480.00	\$14,400.00
117	COMPLETION INCENTIVE, LUMP SUM, NO EXCUSE	1 LS	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00
118	COMPLETION INCENTIVE, CALENDAR DAY, NO EXCUSE	30 CDAY	\$4,000.00	\$120,000.00	\$4,000.00	\$120,000.00	\$4,000.00	\$120,000.00
119	TREE PROTECTION FENCE	1200 LF	\$4.00	\$4,800.00	\$4.20	\$5,040.00	\$2.75	\$3,300.00
120	TREE TRUNK PROTECTION	9 EACH	\$200.00	\$1,800.00	\$280.00	\$2,520.00	\$240.00	\$2,160.00
121	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	1 LS	\$10,000.00	\$10,000.00	\$10,220.00	\$10,220.00	\$7,000.00	\$7,000.00
122	LANDSCAPED MEDIAN IRRIGATION	1 LS	\$225,000.00	\$225,000.00	\$279,000.00	\$279,000.00	\$280,000.00	\$280,000.00
123	FLAGGER, UNIFORMED POLICE OFFICER	40 EACH	\$135.00	\$5,400.00	\$135.00	\$5,400.00	\$135.00	\$5,400.00
DIVISION 1, TOTAL				\$5,325,000.00		\$6,068,471.30		\$7,051,235.00
DIVISION 2: DES MOINES WATER WORKS								
200	16" DI PIPE WITH TRACER WIRE (OPEN CUT)	1007 LF	\$120.00	\$120,840.00	\$166.60	\$167,766.20	\$160.00	\$161,120.00
201	8" DI PIPE W/RESTRAINED JOINTS & TRACER WIRE (OPEN CUT)	20 LF	\$110.00	\$2,200.00	\$144.20	\$2,884.00	\$158.00	\$3,160.00
202	16" DI PIPE W/RESTRAINED JOINTS & TRACER WIRE (OPEN CUT)	147 LF	\$200.00	\$29,400.00	\$184.80	\$27,165.60	\$190.00	\$27,930.00
203	16" C900 PVC PIPE WITH TRACER WIRE (OPEN CUT)	3977 LF	\$110.00	\$437,470.00	\$130.20	\$517,805.40	\$126.00	\$501,102.00
204	6" C900 PVC PIPE W/RESTRAINED JOINTS & TRACER WIRE (OPEN CUT)	5 LF	\$40.00	\$200.00	\$105.00	\$525.00	\$106.00	\$530.00
205	8" C900 PVC PIPE W/RESTRAINED JOINTS & TRACER WIRE (OPEN CUT)	95 LF	\$90.00	\$8,550.00	\$102.20	\$9,709.00	\$113.00	\$10,735.00
206	12" C900 PVC PIPE W/RESTRAINED JOINTS & TRACER WIRE (OPEN CUT)	99 LF	\$155.00	\$15,345.00	\$123.20	\$12,196.80	\$133.00	\$13,167.00
207	16" C900 PVC PIPE W/RESTRAINED JOINTS & TRACER WIRE (OPEN CUT)	47 LF	\$170.00	\$7,990.00	\$189.00	\$8,883.00	\$176.00	\$8,272.00
208	8" C900 PVC PIPE W/RESTRAINED JOINTS & TRACER WIRE (TRENCHLESS)	150 LF	\$130.00	\$19,500.00	\$162.40	\$24,360.00	\$110.00	\$16,500.00
209	16" C900 PVC CASING PIPE (OPEN CUT)	20 LF	\$80.00	\$1,600.00	\$147.00	\$2,940.00	\$175.00	\$3,500.00
210	16" C900 PVC CASING PIPE (TRENCHLESS INSTALLATION)	150 LF	\$150.00	\$22,500.00	\$287.00	\$43,050.00	\$730.00	\$109,500.00
211	24" C900 PVC CASING PIPE (OPEN CUT)	80 LF	\$185.00	\$14,800.00	\$308.00	\$24,640.00	\$255.00	\$20,400.00
212	6" BEND	1 EA	\$500.00	\$500.00	\$602.00	\$602.00	\$410.00	\$410.00
213	8" BEND	10 EA	\$800.00	\$8,000.00	\$672.00	\$6,720.00	\$430.00	\$4,300.00
214	12" BEND	2 EA	\$1,250.00	\$2,500.00	\$868.00	\$1,736.00	\$950.00	\$1,900.00
215	16" BEND	10 EA	\$3,500.00	\$35,000.00	\$1,582.00	\$15,820.00	\$1,400.00	\$14,000.00
216	6" SOLID SLEEVE	1 EA	\$350.00	\$350.00	\$602.00	\$602.00	\$415.00	\$415.00
217	8" SOLID SLEEVE	4 EA	\$750.00	\$3,000.00	\$672.00	\$2,688.00	\$500.00	\$2,000.00
218	12" SOLID SLEEVE	2 EA	\$950.00	\$1,900.00	\$868.00	\$1,736.00	\$330.00	\$1,860.00
219	8" CAP / PLUG	1 EA	\$600.00	\$600.00	\$280.00	\$280.00	\$400.00	\$400.00
220	12" CAP / PLUG	1 EA	\$2,500.00	\$2,500.00	\$364.00	\$364.00	\$475.00	\$475.00
221	16" CAP / PLUG	2 EA	\$8,000.00	\$16,000.00	\$770.00	\$1,540.00	\$1,135.00	\$2,270.00
222	8" X 6" TEE	1 EA	\$1,200.00	\$1,200.00	\$896.00	\$896.00	\$700.00	\$700.00
223	12" X 12" TEE	1 EA	\$1,500.00	\$1,500.00	\$1,260.00	\$1,260.00	\$1,350.00	\$1,350.00
224	16" X 8" TEE	5 EA	\$3,000.00	\$15,000.00	\$1,792.00	\$8,960.00	\$1,700.00	\$8,500.00
225	16" X 12" TEE	3 EA	\$4,500.00	\$13,500.00	\$1,932.00	\$5,796.00	\$750.00	\$2,250.00
226	16" X 16" TEE	1 EA	\$6,000.00	\$6,000.00	\$2,352.00	\$2,352.00	\$2,000.00	\$2,000.00
227	8" VALVE	5 EA	\$2,100.00	\$10,500.00	\$2,100.00	\$10,500.00	\$1,900.00	\$9,500.00
228	12" VALVE	2 EA	\$3,450.00	\$6,900.00	\$3,220.00	\$6,440.00	\$3,100.00	\$6,200.00
229	16" VALVE	3 EA	\$7,800.00	\$23,400.00	\$8,120.00	\$24,360.00	\$8,000.00	\$24,000.00
230	HYDRANT ASSEMBLY	19 EA	\$5,000.00	\$95,000.00	\$9,520.00	\$180,880.00	\$6,800.00	\$129,200.00
231	HYDRANT BY-PASS ASSEMBLY	1 EA	\$8,500.00	\$8,500.00	\$12,600.00	\$12,600.00	\$8,000.00	\$8,000.00
232	16" X 16" TAPPING SLEEVE & VALVE	1 EA	\$18,180.00	\$18,180.00	\$32,200.00	\$32,200.00	\$26,000.00	\$26,000.00

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT
233	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	1	EA	\$5,500.00	\$5,500.00	\$8,400.00	\$8,400.00	\$5,000.00	\$5,000.00		
234	NEW 1" WATER SERVICE OPPOSITE SIDE (1)	20	EA	\$3,000.00	\$60,000.00	\$2,100.00	\$42,000.00	\$4,800.00	\$96,000.00		
235	NEW 1" WATER SERVICE SAME SIDE (2)	6	EA	\$2,200.00	\$13,200.00	\$1,050.00	\$6,300.00	\$3,000.00	\$18,000.00		
236	NEW 2" WATER SERVICE SAME SIDE (3)	2	EA	\$2,500.00	\$5,000.00	\$2,380.00	\$4,760.00	\$5,800.00	\$11,600.00		
237	NEW 2" WATER SERVICE OPPOSITE SIDE (4)	1	EA	\$5,500.00	\$5,500.00	\$4,760.00	\$4,760.00	\$10,000.00	\$10,000.00		
238	4" WATER SERVICE TRANSFER	1	EA	\$4,000.00	\$4,000.00	\$7,700.00	\$7,700.00	\$5,000.00	\$5,000.00		
239	6" WATER SERVICE TRANSFER	2	EA	\$5,000.00	\$10,000.00	\$9,100.00	\$18,200.00	\$5,500.00	\$11,000.00		
240	8" PRIVATE WATER MAIN TRANSFER	4	EA	\$8,000.00	\$32,000.00	\$10,500.00	\$42,000.00	\$6,300.00	\$25,200.00		
241	1" WATER SERVICE TRANSFER @ STATION 37+56	1	EA	\$5,000.00	\$5,000.00	\$5,600.00	\$5,600.00	\$6,000.00	\$6,000.00		
242	2710 FLEUR DRIVE SERVICE TAP ABANDONMENT	1	EA	\$600.00	\$600.00	\$2,100.00	\$2,100.00	\$480.00	\$480.00		
243	MANUFACTURED SAND	25	TON	\$45.00	\$1,125.00	\$42.00	\$1,050.00	\$44.00	\$1,100.00		
244	FOUNDATION ROCK	30	TON	\$50.00	\$1,500.00	\$63.00	\$1,890.00	\$44.00	\$1,320.00		
245	48LB MAGNESIUM ANODES	14	EA	\$400.00	\$5,600.00	\$1,050.00	\$14,700.00	\$675.00	\$9,450.00		
246	CATHODIC PROTECTION TEST STATION	1	EA	\$550.00	\$550.00	\$700.00	\$700.00	\$850.00	\$850.00		
DIVISION 2, TOTAL					\$1,100,000.00		\$1,320,417.00		\$1,322,646.00		
DIVISION 1 + DIVISION 2 (BASE BID)					\$6,425,000.00		\$7,388,888.30		\$8,373,881.00		
PERCENT OF ENGINEER'S ESTIMATE							+15.00%		+30.33%		
							Low				
ADD ALTERNATE 1: FLEUR DR. SIDEWALK FROM WAKONDA CLUB DRIVEWAY NORTH TO PARK AVE.											
300	CLEARING & GRUBBING	425	UNIT	\$25.00	\$10,625.00	\$28.00	\$11,900.00	\$40.00	\$17,000.00		
301	OFF-SITE TOPSOIL	279	CY	\$30.00	\$8,370.00	\$49.00	\$13,671.00	\$90.00	\$25,110.00		
302	EXCAVATION, CLASS 10	268	CY	\$20.00	\$5,360.00	\$28.00	\$7,504.00	\$128.00	\$34,304.00		
303	SIDEWALK, PCC, 5 IN.	1045	SY	\$50.00	\$52,250.00	\$44.00	\$45,980.00	\$50.00	\$52,250.00		
304	SIDEWALK, PCC, 6 IN.	5	SY	\$60.00	\$300.00	\$550.00	\$2,750.00	\$188.00	\$940.00		
305	CONVENTIONAL SEEDING, TYPE 1	0.2	ACRE	\$5,000.00	\$1,000.00	\$2,100.00	\$420.00	\$1,500.00	\$300.00		
306	SODDING	272	SQ	\$70.00	\$19,040.00	\$98.00	\$26,656.00	\$72.00	\$19,584.00		
307	FILTER SOCK, 9 IN. DIA.	2505	LF	\$2.00	\$5,010.00	\$2.80	\$7,014.00	\$1.50	\$3,757.50		
308	FILTER SOCK, REMOVAL	2505	LF	\$1.00	\$2,505.00	\$0.14	\$350.70	\$0.30	\$751.50		
309	TEMPORARY RECP, WOOD EXCELSIOR	900	SY	\$6.00	\$5,400.00	\$2.80	\$2,520.00	\$1.35	\$1,215.00		
310	SILT FENCE OR SILT FENCE DITCH CHECK	750	LF	\$2.00	\$1,500.00	\$2.80	\$2,100.00	\$1.50	\$1,125.00		
311	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	750	LF	\$1.00	\$750.00	\$1.40	\$1,050.00	\$0.30	\$225.00		
312	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	750	LF	\$1.00	\$750.00	\$0.14	\$105.00	\$0.30	\$225.00		
313	EROSION CONTROL MULCHING, HYDROMULCHING	1	ACRE	\$2,000.00	\$2,000.00	\$2,520.00	\$2,520.00	\$2,250.00	\$2,250.00		
314	REMOVE AND REINSTALL EXISTING DECORATIVE FENCE, 72-INCH	130	LF	\$35.00	\$4,550.00	\$54.25	\$7,052.50	\$38.75	\$5,037.50		
315	REMOVAL OF FENCE, CHAIN LINK, 72 IN. HEIGHT WITH BARBED WIRE	1625	LF	\$5.00	\$8,125.00	\$4.20	\$6,825.00	\$3.00	\$4,875.00		
316	TEMPORARY FENCE, CONSTRUCTION FENCE, 72 IN. HEIGHT	1625	LF	\$6.00	\$9,750.00	\$6.65	\$10,806.25	\$4.75	\$7,718.75		
317	SEGMENTAL BLOCK RETAINING WALL	500	SF	\$55.00	\$27,500.00	\$50.75	\$25,375.00	\$36.25	\$18,125.00		
318	GRANULAR BACKFILL FOR SEGMENTAL BLOCK RETAINING WALL	270	TON	\$65.00	\$17,550.00	\$61.60	\$16,632.00	\$44.00	\$11,880.00		
319	HEDGE TRIMMING	1	LS	\$1,655.00	\$1,655.00	\$1,400.00	\$1,400.00	\$12,500.00	\$12,500.00		
320	PC CONCRETE RETAINING WALL	12	CY	\$1,300.00	\$15,600.00	\$2,100.00	\$25,200.00	\$1,050.00	\$12,600.00		
321	REMOVE BRICK PILLAR FOR DECORATIVE FENCE	3	EACH	\$750.00	\$2,250.00	\$1,400.00	\$4,200.00	\$1,000.00	\$3,000.00		
322	BRICK PILLAR FOR DECORATIVE FENCE	3	EACH	\$6,000.00	\$18,000.00	\$9,800.00	\$29,400.00	\$4,500.00	\$13,500.00		
323	TREE PROTECTION FENCE	890	LF	\$4.00	\$3,560.00	\$4.20	\$3,738.00	\$2.75	\$2,447.50		
324	TREE TRUNK PROTECTION	8	EACH	\$200.00	\$1,600.00	\$280.00	\$2,240.00	\$240.00	\$1,920.00		
ADD ALTERNATE 1, TOTAL					\$225,000.00		\$257,409.45		\$252,640.75		
TOTAL CONSTRUCTION COST (DIVISION 1 + DIVISION 2 + ADD ALTERNATE 1)					\$6,650,000.00		\$7,646,297.90		\$8,626,522.05		
PERCENT OF ENGINEER'S ESTIMATE							+14.98%		+29.72%		
							Low				

Staff recommends acceptance of Division 1 and Division 2 (Base Bid).

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