



Date February 06, 2023

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON FLEUR DRIVE RECONSTRUCTION, PHASE 3 FROM WATROUS AVENUE TO MCKINLEY AVENUE; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS INROADS, LLC, JOSEPH J. MANATT CEO , \$7,322,217.50

WHEREAS, on January 09, 2023, under Roll Call No. 23-0007, 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, Phase 3 from Watrous Avenue to McKinley Avenue, 062020011
The improvement includes reconstruction of the northbound and southbound lanes of Fleur Drive with Portland Cement Concrete (PCC) curb and gutter, 10-inch Hot Mix Asphalt (HMA) paving, 12-inch modified subbase, PCC sidewalk and driveways, retaining wall, pavement removal, storm sewer, subdrain, earthwork and grading, new irrigation system, traffic signalization, pavement markings, erosion control, and restoration; all in accordance with contract documents, including Plan File No. 651-001/236, located along Fleur Drive from Watrous Avenue to McKinley 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 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 hereby approved.

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

- InRoads, LLC, Des Moines, IA - Low Bid
- Grimes Asphalt and Paving Corporation, Des Moines, IA
- Reilly Construction Co., Inc., Ossian, IA
- Synergy Contracting, LLC, Altoona, IA
- Jasper Construction Services, Inc., Newton, IA
- MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, IA
- Shekar Engineering, P.L.C., Des Moines, IA - Bid not read

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 24, 2023. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.



Roll Call Number

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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 InRoads, LLC, Joseph J. Manatt, CEO, 4761 NE 20th Lane, Des Moines, IA, 50313 in the amount of \$7,322,217.50, 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 responsive, 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 closure of all public grounds, streets, sidewalks, alleys, bridges, culverts, overpasses, underpasses, grade crossing separations and approaches, public ways, squares, and commons for the Project.

(City Council Communication Number 23-048 attached)

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN
pw

Funding Source: 2022-23 CIP, Page 125, Roadway Reconstruction - Fleur Drive, ST267, Being: \$4,464,246.50 in G.O. Bonds; \$2,000,000 in G.O. Bonds to be issued; \$719,271 in G.O. Bonds Issued and to be transferred from PK195, Fleur Drive Medians; \$105,200 in private contributions to be transferred from PK195, Fleur Drive Medians; and the remaining \$33,500 from Des Moines Water Works



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COUNCIL ACTION	Yeas	Nays	Pass	Absent
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APPROVED	

Mayor

CERTIFICATE

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, 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

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DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2020-011
Date: 12/12/2022
Bid Date: 1/24/2023

TABULATED BY: N. Smith APPROVED BY: *Phillip J. Wagoner*

CHECKED BY: *Brett Lewis*

CONTRACTOR'S BID TABULATION
PROJECT: FLEUR DRIVE RECONSTRUCTION, PHASE 3 FROM WATROUS AVENUE TO MCKINLEY AVENUE

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
DIVISION 1: FLEUR DR. RECONSTRUCTION (CITY OF DES MOINES)												
1	CLEARING & GRUBBING	215.6 UNIT	\$100.00	\$21,560.00	\$70.00	\$15,092.00	\$70.00	\$15,092.00	\$75.00	\$16,170.00	\$60.00	\$12,936.00
2	CLEARING & GRUBBING BY ACRE	0.9 ACRE	\$5,000.00	\$4,500.00	\$9,000.00	\$8,100.00	\$10,500.00	\$9,450.00	\$11,500.00	\$10,350.00	\$3,600.00	\$3,240.00
3	TREE TRIMMING	1 LS	\$7,500.00	\$7,500.00	\$4,500.00	\$4,500.00	\$1,000.00	\$1,000.00	\$1,250.00	\$1,250.00	\$3,850.00	\$3,850.00
4	TOPSOIL, ON-SITE	925 CY	\$45.00	\$41,625.00	\$20.00	\$18,500.00	\$32.00	\$29,600.00	\$30.00	\$27,750.00	\$24.00	\$22,200.00
5	TOPSOIL, OFF-SITE	258 CY	\$48.00	\$11,655.00	\$30.00	\$7,770.00	\$42.00	\$10,878.00	\$40.00	\$10,360.00	\$48.00	\$12,432.00
6	EXCAVATION, CLASS 10, ROADWAY & BORROW	1102 CY	\$20.00	\$22,040.00	\$20.00	\$22,040.00	\$31.00	\$34,162.00	\$30.00	\$33,060.00	\$14.00	\$15,428.00
7	EXCAVATION, CLASS 10, WASTE	7303 CY	\$25.00	\$182,575.00	\$20.00	\$146,060.00	\$31.00	\$226,393.00	\$30.00	\$219,090.00	\$36.00	\$262,908.00
8	EXCAVATION, CLASS 13	860 CY	\$35.00	\$30,100.00	\$25.00	\$21,500.00	\$31.00	\$26,660.00	\$30.00	\$25,800.00	\$48.00	\$41,280.00
9	REFILL GRADE EXCAVATION (CORE OUT)	700 CY	\$65.00	\$45,500.00	\$30.00	\$21,000.00	\$105.00	\$73,500.00	\$100.00	\$70,000.00	\$78.00	\$54,600.00
10	SUBGRADE PREPARATION, 6 IN.	26049 SY	\$5.00	\$130,245.00	\$3.00	\$78,147.00	\$4.25	\$110,708.25	\$4.00	\$104,196.00	\$3.00	\$78,147.00
11	SUBGRADE TREATMENT, POLYMER GRID	26048 SY	\$5.00	\$130,245.00	\$3.50	\$91,171.50	\$3.00	\$78,147.00	\$3.00	\$78,147.00	\$6.00	\$156,294.00
12	ENGINEERING FABRIC, DRAINABLE	3157 SY	\$3.50	\$11,049.50	\$3.00	\$9,471.00	\$2.00	\$6,314.00	\$2.00	\$6,314.00	\$7.00	\$22,099.00
13	SUBBASE, MODIFIED	9006 CY	\$70.00	\$630,420.00	\$75.00	\$675,450.00	\$84.00	\$756,504.00	\$80.00	\$720,480.00	\$72.00	\$648,432.00
14	REMOVALS, EXISTING GAS CONDUIT, 6 IN.	2500 LF	\$5.00	\$12,500.00	\$20.00	\$50,000.00	\$16.00	\$40,000.00	\$15.00	\$37,500.00	\$18.00	\$45,000.00
15	REMOVALS, AS PER PLAN	1 LS	\$10,000.00	\$10,000.00	\$8,200.00	\$8,200.00	\$53,000.00	\$53,000.00	\$50,000.00	\$50,000.00	\$42,000.00	\$42,000.00
16	REMOVAL OF SIGN FOOTING	9 EA	\$750.00	\$6,750.00	\$4,000.00	\$36,000.00	\$1,600.00	\$14,400.00	\$1,500.00	\$13,500.00	\$2,800.00	\$25,200.00
17	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	200 TON	\$45.00	\$9,000.00	\$43.00	\$8,600.00	\$53.00	\$10,600.00	\$50.00	\$10,000.00	\$70.00	\$14,000.00
18	STORM SEWER, TRENCHED, PPE OR RCP CL V, 15 IN.	76 LF	\$260.00	\$19,720.00	\$270.00	\$20,520.00	\$211.00	\$16,036.00	\$200.00	\$15,200.00	\$259.00	\$19,684.00
19	STORM SEWER, TRENCHED, PVC, C900, DR18, 15 IN.	14 LF	\$180.00	\$2,520.00	\$315.00	\$4,410.00	\$711.00	\$9,954.00	\$675.00	\$9,450.00	\$329.00	\$4,606.00
20	STORM SEWER SPOT REPAIR, RCP, CLASS V, 15 IN.	6 LF	\$360.00	\$2,160.00	\$840.00	\$5,040.00	\$1,100.00	\$6,600.00	\$1,000.00	\$6,000.00	\$749.00	\$4,494.00
21	STORM SEWER SPOT REPAIR, RCP, CLASS III, 30 IN.	6 LF	\$500.00	\$3,000.00	\$850.00	\$5,100.00	\$1,350.00	\$8,100.00	\$1,250.00	\$7,500.00	\$812.00	\$4,872.00
22	REMOVAL OF STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	95 LF	\$35.00	\$3,325.00	\$75.00	\$7,125.00	\$27.00	\$2,565.00	\$25.00	\$2,375.00	\$49.00	\$4,655.00
23	SUBDRAIN, PVC, CASE B, 6 IN.	6175 LF	\$35.00	\$216,125.00	\$30.00	\$185,250.00	\$27.00	\$166,725.00	\$25.00	\$154,375.00	\$24.00	\$148,200.00
24	SUBDRAIN, PVC, PLANTER MEDIAN, 4 IN.	1454 LF	\$30.00	\$43,620.00	\$37.50	\$54,525.00	\$27.00	\$39,258.00	\$25.00	\$36,350.00	\$42.00	\$61,068.00
25	SUBDRAIN, HDPE OR SCH 80 PVC, 4 IN. (SOLID WALL, NON-PERFORATED)	172 LF	\$30.00	\$5,160.00	\$75.00	\$12,900.00	\$27.00	\$4,644.00	\$25.00	\$4,300.00	\$195.00	\$33,712.00
26	SUBDRAIN, OUTLET, CONNECTION TO INTAKE OR PIPE	30 EA	\$525.00	\$15,750.00	\$750.00	\$22,500.00	\$1,100.00	\$33,000.00	\$1,000.00	\$30,000.00	\$540.00	\$16,200.00
27	CORE DRILLING, PLANTER MEDIAN WALL FOOTING	11 EA	\$5,000.00	\$55,000.00	\$350.00	\$3,850.00	\$850.00	\$9,350.00	\$1,000.00	\$11,000.00	\$700.00	\$7,700.00
28	VIBRO INSPECTION OF STORM SEWER	1 LS	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$5,300.00	\$5,300.00	\$5,000.00	\$5,000.00	\$2,100.00	\$2,100.00
29	WATER SERVICE, DEPTH CHECK	4 EA	\$500.00	\$2,000.00	\$2,500.00	\$10,000.00	\$1,350.00	\$5,400.00	\$1,250.00	\$5,000.00	\$7,000.00	\$28,000.00
30	WATER SERVICE, LOWERING	1 EA	\$3,200.00	\$3,200.00	\$5,200.00	\$5,200.00	\$12,700.00	\$12,700.00	\$12,000.00	\$12,000.00	\$10,500.00	\$10,500.00
31	INTAKE, SW-505, DOUBLE GRATE	12 EA	\$8,000.00	\$96,000.00	\$7,850.00	\$94,200.00	\$11,500.00	\$138,000.00	\$11,000.00	\$132,000.00	\$11,280.00	\$135,360.00
32	MANHOLE ADJUSTMENT, MINOR	8 EA	\$3,000.00	\$24,000.00	\$1,500.00	\$12,000.00	\$2,650.00	\$21,200.00	\$2,500.00	\$20,000.00	\$3,780.00	\$30,240.00
33	INTAKE ADJUSTMENT, MINOR	1 EA	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$2,650.00	\$2,650.00	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00
34	MANHOLE ADJUSTMENT, MAJOR	19 EA	\$5,000.00	\$95,000.00	\$4,500.00	\$85,500.00	\$5,800.00	\$110,200.00	\$5,500.00	\$104,500.00	\$6,000.00	\$114,000.00
35	CONNECTION TO EXISTING MANHOLE OR INTAKE	4 EA	\$5,000.00	\$20,000.00	\$3,650.00	\$14,600.00	\$2,100.00	\$8,400.00	\$2,000.00	\$8,000.00	\$6,300.00	\$25,200.00
36	REMOVE MANHOLE OR INTAKE	13 EA	\$1,500.00	\$19,500.00	\$1,500.00	\$19,500.00	\$1,800.00	\$23,400.00	\$1,750.00	\$22,750.00	\$1,750.00	\$22,750.00
37	PAVEMENT, PCC, CLASS C, CLASS 3 DUR., 8 IN	1614 SY	\$90.00	\$145,260.00	\$78.00	\$125,892.00	\$82.00	\$132,348.00	\$90.00	\$145,260.00	\$82.50	\$133,155.00
38	CURB & GUTTER, PCC, 2.0 FT WIDTH, 7 IN. THICKNESS	215 LF	\$35.00	\$7,525.00	\$70.00	\$15,050.00	\$42.50	\$9,137.50	\$50.00	\$10,750.00	\$45.00	\$9,675.00
39	CURB & GUTTER, PCC, 2.5 FT WIDTH, 10 IN. THICKNESS	5857 LF	\$40.00	\$234,280.00	\$34.00	\$199,138.00	\$41.00	\$240,137.00	\$48.00	\$281,136.00	\$44.00	\$257,708.00
40	BEAM CURB, PCC, 12 IN. WIDTH, 17.5 IN. HEIGHT	420 LF	\$50.00	\$21,000.00	\$69.00	\$28,980.00	\$58.00	\$24,360.00	\$64.00	\$26,880.00	\$60.50	\$25,410.00
41	CONCRETE MEDIAN, FULL DEPTH, 16 IN.	1052 SY	\$170.00	\$178,840.00	\$137.00	\$144,124.00	\$153.00	\$160,956.00	\$165.00	\$173,580.00	\$159.50	\$167,794.00
42	PCC MEDIAN BAND, COLORED CONCRETE, YELLOW, 5 IN	61 SY	\$150.00	\$9,150.00	\$200.00	\$12,200.00	\$211.00	\$12,871.00	\$230.00	\$14,030.00	\$205.00	\$12,505.00
43	PCC MEDIAN CAP, COLORED CONCRETE, RED, 5 IN.	18 SY	\$150.00	\$2,700.00	\$200.00	\$3,600.00	\$211.00	\$3,798.00	\$230.00	\$4,140.00	\$205.00	\$3,690.00
44	PAVEMENT, HMA, HT, BASE COURSE, 3/4 IN. MIX, PG58-28S	4592 TON	\$115.00	\$528,080.00	\$114.00	\$523,488.00	\$98.00	\$450,016.00	\$113.00	\$518,896.00	\$105.00	\$482,160.00
45	PAVEMENT, HMA, HT, INTERMEDIATE COURSE, 1/2 IN. MIX, PG58-28H	4655 TON	\$115.00	\$535,325.00	\$124.00	\$577,220.00	\$98.00	\$456,190.00	\$113.00	\$526,015.00	\$105.00	\$488,775.00
46	PAVEMENT, HMA, HT, SURFACE COURSE, 1/2 IN. MIX, PG58-28H	2328 TON	\$115.00	\$267,720.00	\$129.00	\$300,312.00	\$107.00	\$249,096.00	\$124.00	\$288,672.00	\$110.25	\$256,662.00
47	HMA SMOOTHNESS DEFICIENCY	0 EA	\$1.00	\$0.00	\$1.00	\$0.00	\$1.00	\$0.00	\$1.00	\$0.00	\$1.00	\$0.00
48	HMA PAVEMENT SAMPLES AND TESTING	1 LS	\$5,000.00	\$5,000.00	\$15,500.00	\$15,500.00	\$6,600.00	\$6,600.00	\$7,600.00	\$7,600.00	\$7,150.00	\$7,150.00
49	REMOVAL OF SIDEWALK, SHARED USE PATH OR DRIVEWAY	4079 SY	\$15.00	\$61,185.00	\$15.00	\$61,185.00	\$16.00	\$65,264.00	\$15.00	\$61,185.00	\$18.00	\$73,422.00
50	SIDEWALK, PCC, 5 IN.	1748 SY	\$55.00	\$96,140.00	\$55.00	\$96,140.00	\$58.00	\$99,702.00	\$64.00	\$111,016.00	\$66.00	\$113,454.00
51	SIDEWALK, PCC, 6 IN., RAMPS AND TURNING SPACE	265 SY	\$95.00	\$25,175.00	\$105.00	\$27,825.00	\$110.00	\$29,100.00	\$120.00	\$31,800.00	\$121.00	\$32,065.00
52	SIDEWALK, PCC, 10 IN., RAMPS	78 SY	\$120.00	\$9,360.00	\$182.00	\$14,196.00	\$192.00	\$14,976.00	\$210.00	\$16,380.00	\$203.50	\$15,879.00
53	SIDEWALK, PCC, 6 IN., CLASS A	412 SY	\$75.00	\$30,900.00	\$63.00	\$25,956.00	\$66.00	\$27,192.00	\$73.00	\$30,076.00	\$78.00	\$32,136.00
54	DETECTABLE WARNING	285 SF	\$60.00	\$17,100.00	\$50.00	\$14,250.00	\$53.00	\$15,105.00	\$58.00	\$16,530.00	\$60.00	\$17,100.00
55	DRIVEWAY, PCC, 6 IN.	189 SY	\$70.00	\$13,230.00	\$70.00	\$13,230.00	\$74.00	\$13,986.00	\$80.00	\$15,120.00	\$90.00	\$17,010.00
56	DRIVEWAY, PCC, 7 IN.	1374 SY	\$75.00	\$103,050.00	\$72.00	\$98,928.00	\$76.00	\$104,424.00	\$83.00	\$114,042.00	\$85.00	\$116,790.00
57	CONCRETE STAMPING, BRICK PATTERN	46 SY	\$30.00	\$1,380.00	\$25.00	\$1,150.00	\$26.00	\$1,196.00	\$30.00	\$1,380.00	\$35.00	\$1,610.00
58	COLD WEATHER PROTECTION FOR CONCRETE	1450 SY	\$1.00	\$1,450.00	\$1.00	\$1,450.00	\$1.00	\$1,450.00	\$1.00	\$1,450.00	\$1.00	\$1,450.00
59	FULL DEPTH PATCHES, COMPOSITE	249 SY	\$300.00	\$74,700.00	\$285.00	\$70,965.00	\$350.00	\$87,150.00	\$350.00	\$87,150.00	\$341.00	\$84,909.00
60	PAVEMENT REMOVAL	74399 SY	\$20.00	\$1,487,980.00	\$18.00	\$1,343,182.00	\$21.00	\$1,552,379.00	\$15.00	\$1,114,985.00	\$18.00	\$1,343,182.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
61	REMOVAL OF CONCRETE MEDIAN	1063 SY	\$50.00	\$53,150.00	\$16.00	\$17,008.00	\$16.00	\$17,008.00	\$15.00	\$15,945.00	\$30.00	\$31,890.00
62	TEMPORARY PAVEMENT, HMA OR PCC, 6 IN.	3600 SY	\$50.00	\$180,000.00	\$92.00	\$331,200.00	\$40.00	\$144,000.00	\$46.00	\$165,600.00	\$72.00	\$259,200.00
63	TEMPORARY GRANULAR SURFACING	240 TON	\$45.00	\$10,800.00	\$70.00	\$16,800.00	\$53.00	\$12,720.00	\$50.00	\$12,000.00	\$70.00	\$16,800.00
64	TRAFFIC SIGNALIZATION	1 LS	\$300,000.00	\$300,000.00	\$412,000.00	\$412,000.00	\$398,400.00	\$398,400.00	\$436,000.00	\$436,000.00	\$418,000.00	\$418,000.00
65	TEMPORARY SIGNALIZATION	2 EA	\$15,000.00	\$30,000.00	\$22,175.00	\$44,350.00	\$15,800.00	\$31,200.00	\$17,250.00	\$34,500.00	\$18,000.00	\$36,000.00
66	MAINTENANCE OF TRAFFIC SIGNALS AND SIGNS	1 LS	\$5,000.00	\$5,000.00	\$15,500.00	\$15,500.00	\$42,100.00	\$42,100.00	\$46,000.00	\$46,000.00	\$48,000.00	\$48,000.00
67	TRAFFIC SIGNAL REMOVAL	1 LS	\$15,000.00	\$15,000.00	\$22,000.00	\$22,000.00	\$23,200.00	\$23,200.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00
68	FIBER OPTIC HANDHOLE RELOCATION	2 EA	\$500.00	\$1,000.00	\$2,500.00	\$5,000.00	\$2,650.00	\$5,300.00	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00
69	FIBER OPTIC NETWORK MODIFICATIONS	125 LF	\$250.00	\$31,250.00	\$50.00	\$6,250.00	\$53.00	\$6,625.00	\$60.00	\$7,500.00	\$60.00	\$7,500.00
70	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	190.6 STA	\$60.00	\$11,436.00	\$60.00	\$11,436.00	\$126.00	\$24,015.60	\$70.00	\$13,342.00	\$70.00	\$13,342.00
71	PAINTED PAVEMENT MARKINGS, DURABLE	33.1 STA	\$450.00	\$14,895.00	\$400.00	\$13,240.00	\$315.00	\$10,426.50	\$460.00	\$15,226.00	\$440.00	\$14,564.00
72	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, GROOVET	22 STA	\$700.00	\$15,400.00	\$500.00	\$11,000.00	\$1,040.00	\$22,880.00	\$575.00	\$12,650.00	\$550.00	\$12,100.00
73	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, INLAY	37.9 STA	\$600.00	\$22,740.00	\$575.00	\$21,792.50	\$1,450.00	\$54,955.00	\$665.00	\$25,203.50	\$690.00	\$26,151.00
74	WET, RETROFLECTIVE REMOVABLE TAPE MARKINGS	57.6 STA	\$150.00	\$8,640.00	\$130.00	\$7,488.00	\$211.00	\$12,153.60	\$150.00	\$8,640.00	\$155.00	\$8,928.00
75	PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE	16 EA	\$115.00	\$1,840.00	\$115.00	\$1,840.00	\$105.00	\$1,680.00	\$135.00	\$2,160.00	\$138.00	\$2,208.00
76	PAINTED SYMBOLS AND LEGENDS, DURABLE	37 EA	\$325.00	\$12,025.00	\$425.00	\$15,725.00	\$211.00	\$7,807.00	\$485.00	\$17,945.00	\$510.00	\$18,870.00
77	PAINTED SYMBOLS AND LEGENDS, TEMPORARY TAPE	10 EA	\$350.00	\$3,500.00	\$225.00	\$2,250.00	\$263.00	\$2,630.00	\$260.00	\$2,600.00	\$270.00	\$2,700.00
78	TEMPORARY LANE SEPARATOR SYSTEM	582 LF	\$20.00	\$11,640.00	\$22.50	\$13,095.00	\$16.00	\$9,312.00	\$26.00	\$15,132.00	\$30.00	\$17,460.00
79	REMOVE TEMPORARY DELINEATOR POST AND BASE	28 EA	\$50.00	\$1,400.00	\$31.00	\$868.00	\$79.00	\$2,212.00	\$35.00	\$980.00	\$33.00	\$924.00
80	PAVEMENT MARKINGS REMOVED	152.5 STA	\$45.00	\$6,862.50	\$90.00	\$13,725.00	\$100.00	\$15,250.00	\$104.00	\$15,860.00	\$108.00	\$16,470.00
81	SYMBOLS AND LEGENDS REMOVED	13 EA	\$110.00	\$1,430.00	\$115.00	\$1,495.00	\$106.00	\$1,378.00	\$135.00	\$1,755.00	\$138.00	\$1,794.00
82	GROOVES CUT FOR PAVEMENT MARKINGS	55.1 STA	\$80.00	\$4,408.00	\$195.00	\$10,744.50	\$421.00	\$23,197.10	\$225.00	\$12,397.50	\$220.00	\$11,220.00
83	GROOVES CUT FOR SYMBOLS AND LEGENDS	37 EA	\$225.00	\$8,325.00	\$200.00	\$7,400.00	\$211.00	\$7,807.00	\$230.00	\$8,510.00	\$246.00	\$9,102.00
84	TRAFFIC CONTROL	1 LS	\$100,000.00	\$100,000.00	\$155,000.00	\$155,000.00	\$104,000.00	\$104,000.00	\$110,000.00	\$110,000.00	\$133,000.00	\$133,000.00
85	TEMPORARY ACCESS INFORMATION SIGN	544 SF	\$25.00	\$13,600.00	\$45.00	\$24,480.00	\$32.00	\$17,408.00	\$52.00	\$28,288.00	\$54.00	\$29,376.00
86	TEMPORARY BARRIER RAIL	1285 LF	\$20.00	\$25,700.00	\$25.00	\$32,125.00	\$37.00	\$47,545.00	\$30.00	\$38,550.00	\$30.00	\$38,550.00
87	REMOVE/REINSTALL EXISTING TEMPORARY BARRIER RAIL	30 LF	\$15.00	\$450.00	\$40.00	\$1,200.00	\$42.00	\$1,260.00	\$46.00	\$1,380.00	\$44.00	\$1,320.00
88	PORTABLE DYNAMIC MESSAGE SIGNS	126 CDAY	\$120.00	\$15,120.00	\$150.00	\$18,900.00	\$105.00	\$13,230.00	\$175.00	\$22,050.00	\$165.00	\$20,790.00
89	FLAGGERS	34 CDAY	\$555.00	\$18,870.00	\$555.00	\$18,870.00	\$555.00	\$18,870.00	\$555.00	\$18,870.00	\$555.00	\$18,870.00
90	FLAGGER, UNIFORMED POLICE OFFICER	2 CDAY	\$550.00	\$1,100.00	\$550.00	\$1,100.00	\$550.00	\$1,100.00	\$550.00	\$1,100.00	\$550.00	\$1,100.00
91	REMOVE SIGN ASSEMBLY	76 EA	\$100.00	\$7,600.00	\$175.00	\$13,300.00	\$105.00	\$7,980.00	\$200.00	\$15,200.00	\$210.00	\$15,960.00
92	REMOVE, SALVAGE, AND REINSTALL SIGN ASSEMBLY	8 EA	\$350.00	\$2,800.00	\$400.00	\$3,200.00	\$322.00	\$2,576.00	\$460.00	\$3,680.00	\$440.00	\$3,520.00
93	SIGN ASSEMBLY, FURNISH AND INSTALL	84 EA	\$300.00	\$25,200.00	\$175.00	\$14,700.00	\$421.00	\$35,364.00	\$200.00	\$16,800.00	\$210.00	\$17,640.00
94	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING, TYPE 1 (PERM. LAWN MIX)	0.8 ACRE	\$4,000.00	\$3,200.00	\$5,000.00	\$4,000.00	\$5,300.00	\$4,240.00	\$5,750.00	\$4,600.00	\$3,850.00	\$3,080.00
95	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING, TYPE 4 (TEMPORARY)	3 ACRE	\$2,000.00	\$6,000.00	\$3,350.00	\$10,050.00	\$3,500.00	\$10,500.00	\$3,855.00	\$11,565.00	\$2,750.00	\$8,250.00
96	SOD	1294.2 SQ	\$75.00	\$97,065.00	\$70.00	\$90,594.00	\$74.00	\$95,770.80	\$80.00	\$103,536.00	\$75.00	\$97,065.00
97	SUPPLEMENTAL WATERING, SOD	129420 GAL	\$0.50	\$64,710.00	\$0.05	\$6,471.00	\$0.05	\$6,471.00	\$0.10	\$12,942.00	\$0.05	\$6,471.00
98	MOWING	1.9 ACRE	\$1,900.00	\$1,900.00	\$1,900.00	\$1,900.00	\$1,100.00	\$2,090.00	\$1,150.00	\$2,185.00	\$1,100.00	\$2,090.00
99	MEDIAN WEED CONTROL	9 EA	\$500.00	\$4,500.00	\$1,000.00	\$9,000.00	\$1,100.00	\$9,900.00	\$1,150.00	\$10,350.00	\$1,100.00	\$9,900.00
100	SWPPP PREPARATION AND MANAGEMENT	1 LS	\$7,500.00	\$7,500.00	\$6,000.00	\$6,000.00	\$6,300.00	\$6,300.00	\$7,000.00	\$7,000.00	\$6,600.00	\$6,600.00
101	FILTER SOCKS, 9 IN.	7322 LF	\$3.00	\$21,966.00	\$1.75	\$12,813.50	\$2.00	\$14,644.00	\$2.00	\$14,644.00	\$2.00	\$14,644.00
102	FILTER SOCKS, REMOVAL	7322 LF	\$0.25	\$1,830.50	\$0.25	\$1,830.50	\$0.25	\$1,830.50	\$0.50	\$3,661.00	\$0.50	\$3,661.00
103	SILT FENCE, INSTALLATION	500 LF	\$2.00	\$1,000.00	\$1.75	\$875.00	\$2.00	\$1,000.00	\$2.00	\$1,000.00	\$2.00	\$1,000.00
104	SILT FENCE, REMOVAL OF SEDIMENT	500 LF	\$0.10	\$50.00	\$0.10	\$50.00	\$0.10	\$50.00	\$0.25	\$125.00	\$0.25	\$125.00
105	SILT FENCE, REMOVAL OF DEVICE	500 LF	\$0.10	\$50.00	\$0.25	\$125.00	\$0.25	\$125.00	\$0.50	\$250.00	\$0.50	\$250.00
106	EROSION CONTROL MULCHING, HYDROMULCHING	6 AC	\$3,000.00	\$18,000.00	\$2,500.00	\$15,000.00	\$2,700.00	\$16,200.00	\$2,900.00	\$17,400.00	\$2,750.00	\$16,500.00
107	INLET PROTECTION DEVICE, DROP-IN TYPE	27 EA	\$200.00	\$5,400.00	\$170.00	\$4,590.00	\$179.00	\$4,833.00	\$200.00	\$5,400.00	\$210.00	\$5,670.00
108	INLET PROTECTION DEVICE, MAINTENANCE	27 EA	\$25.00	\$675.00	\$25.00	\$675.00	\$26.00	\$702.00	\$30.00	\$810.00	\$30.00	\$810.00
109	MODULAR BLOCK RETAINING WALL	70 SF	\$40.00	\$2,800.00	\$65.00	\$4,550.00	\$68.00	\$4,760.00	\$75.00	\$5,250.00	\$78.00	\$5,460.00
110	TREE PROTECTION AND TEMPORARY CONSTRUCTION FENCE	563 LF	\$4.00	\$2,252.00	\$3.00	\$1,689.00	\$3.00	\$1,689.00	\$4.00	\$2,252.00	\$5.00	\$2,815.00
111	TREE TRUNK PROTECTION	17 EA	\$220.00	\$3,740.00	\$250.00	\$4,250.00	\$263.00	\$4,471.00	\$295.00	\$5,015.00	\$275.00	\$4,675.00
112	EXCAVATION, CLASS 10 WASTE, MEDIAN SOIL AND PLANTS	1052 CY	\$40.00	\$42,080.00	\$30.00	\$31,560.00	\$32.00	\$33,664.00	\$30.00	\$31,560.00	\$42.00	\$44,184.00
113	AMENDED TOPSOIL, MEDIANS	1052 CY	\$80.00	\$84,160.00	\$100.00	\$105,200.00	\$110.00	\$115,720.00	\$105.00	\$110,460.00	\$161.00	\$169,372.00
114	IRRIGATION	1 LS	\$300,000.00	\$300,000.00	\$472,000.00	\$472,000.00	\$476,000.00	\$476,000.00	\$520,000.00	\$520,000.00	\$648,600.00	\$648,600.00
115	SUBSURFACE UTILITY INVESTIGATION FOR IRRIGATION	40 EA	\$850.00	\$34,000.00	\$1,600.00	\$64,000.00	\$1,700.00	\$68,000.00	\$1,850.00	\$74,000.00	\$1,540.00	\$61,600.00
116	CONSTRUCTION SURVEY	1 LS	\$85,000.00	\$85,000.00	\$63,800.00	\$63,800.00	\$33,900.00	\$33,900.00	\$75,000.00	\$75,000.00	\$42,000.00	\$42,000.00
117	MONUMENT PRESERVATION AND REPLACEMENT	1 LS	\$5,000.00	\$5,000.00	\$8,800.00	\$8,800.00	\$4,900.00	\$4,900.00	\$12,000.00	\$12,000.00	\$6,300.00	\$6,300.00
118	MOBILIZATION	1 LS	\$250,790.50	\$250,790.50	\$220,000.00	\$220,000.00	\$215,000.00	\$215,000.00	\$244,941.00	\$244,941.00	\$243,500.00	\$243,500.00
119	MAINTENANCE OF POSTAL SERVICE	1 LS	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00	\$3,500.00	\$3,500.00
120	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00	\$7,500.00	\$7,500.00	\$4,900.00	\$4,900.00
121	CONCRETE WASHOUT	1 LS	\$4,000.00	\$4,000.00	\$4,625.00	\$4,625.00	\$5,900.00	\$5,900.00	\$5,850.00	\$5,850.00	\$6,300.00	\$6,300.00
122	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	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00
123	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	\$4,000.00	\$120,000.00	\$4,000.00	\$120,000.00
DIVISION 1, SUBTOTAL				\$7,074,750.00		\$7,288,717.50		\$7,374,923.85		\$7,574,000.00		\$7,886,145.00
DIVISION 2: DES MOINES WATER WORKS												
124	POTHOLING FOR ANODE INSTALLATION, TYPE A2 OR B2 POTHOLE	67 EA	\$750.00	\$50,250.00	\$500.00	\$33,500.00	\$3,000.00	\$201,000.00	\$3,000.00	\$201,000.00	\$1,085.00	\$72,695.00
DIVISION 2, SUBTOTAL				\$50,250.00		\$33,500.00		\$201,000.00		\$201,000.00		\$72,695.00
TOTAL CONSTRUCTION COST (DIVISION 1 + DIVISION 2)				\$7,125,000.00		\$7,322,217.50		\$7,575,923.85		\$7,775,000.00		\$7,958,840.00
PERCENT OF ENGINEER'S ESTIMATE						Low	+2.77%	+6.33%		+9.12%		+11.70%

TABULATED BY: N. Smith APPROVED BY _____

CHECKED BY: Brett Lewis

CONTRACTOR'S BID TABULATION
PROJECT: FLEUR DRIVE RECONSTRUCTION, PHASE 3 FROM WATROUS AVENUE TO MCKINLEY AVENUE

ESTIMATE

Jasper Construction Services,
Inc.
Newton, IA

BID SECURITY
10% Bid Bond

BID PRICE

MPS Engineers, PC dba
Kingston Services, PC
Des Moines, IA

BID SECURITY
10% Bid Bond

BID PRICE

Shekar Engineering, P.L.C.
Des Moines, IA

BID SECURITY
10% Bid Bond

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
DIVISION 1: FLEUR DR. RECONSTRUCTION (CITY OF DES MOINES)										
1	CLEARING & GRUBBING	215.6 UNIT	\$100.00	\$21,560.00	\$50.00	\$10,780.00	\$70.00	\$15,092.00		
2	CLEARING & GRUBBING BY ACRE	0.9 ACRE	\$5,000.00	\$4,500.00	\$3,500.00	\$3,150.00	\$8,500.00	\$7,650.00		
3	TREE TRIMMING	1 LS	\$7,500.00	\$7,500.00	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00		
4	TOPSOIL, ON-SITE	925 CY	\$45.00	\$41,625.00	\$15.00	\$13,875.00	\$40.00	\$37,000.00		
5	TOPSOIL, OFF-SITE	259 CY	\$45.00	\$11,655.00	\$36.00	\$9,324.00	\$55.00	\$14,245.00		
6	EXCAVATION, CLASS 10, ROADWAY & BORROW	1102 CY	\$20.00	\$22,040.00	\$41.00	\$45,182.00	\$24.00	\$26,448.00		
7	EXCAVATION, CLASS 10, WASTE	7303 CY	\$25.00	\$182,575.00	\$15.00	\$109,545.00	\$24.00	\$175,272.00		
8	EXCAVATION, CLASS 13	860 CY	\$35.00	\$30,100.00	\$25.00	\$21,500.00	\$30.00	\$25,800.00		
9	BELOW GRADE EXCAVATION (CORE OUT)	700 CY	\$65.00	\$45,500.00	\$35.00	\$24,500.00	\$32.00	\$22,400.00		
10	SUBGRADE PREPARATION, 6 IN.	26049 SY	\$5.00	\$130,245.00	\$5.00	\$130,245.00	\$3.50	\$91,171.50		
11	SUBGRADE TREATMENT, POLYMER GRID	26049 SY	\$5.00	\$130,245.00	\$4.80	\$125,035.20	\$2.00	\$52,098.00		
12	ENGINEERING FABRIC, DRAINABLE	3157 SY	\$3.50	\$11,049.50	\$6.00	\$18,942.00	\$3.50	\$11,049.50		
13	SUBBASE, MODIFIED	9006 CY	\$70.00	\$630,420.00	\$65.00	\$585,390.00	\$78.00	\$702,468.00		
14	REMOVALS, EXISTING GAS CONDUIT, 6 IN.	2500 LF	\$5.00	\$12,500.00	\$7.50	\$18,750.00	\$7.50	\$18,750.00		
15	REMOVALS, AS PER PLAN	1 LS	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00	\$12,000.00	\$12,000.00		
16	REMOVAL OF SIGN FOOTING	9 EA	\$750.00	\$6,750.00	\$500.00	\$4,500.00	\$1,000.00	\$9,000.00		
17	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	200 TON	\$45.00	\$9,000.00	\$61.00	\$12,200.00	\$45.00	\$9,000.00		
18	STORM SEWER, TRENCHED, PPE OR RCP CL V, 15 IN.	76 LF	\$200.00	\$15,200.00	\$129.00	\$9,804.00	\$178.00	\$13,528.00		
19	STORM SEWER, TRENCHED, PVC, C900, DR18, 15 IN.	14 LF	\$180.00	\$2,520.00	\$295.00	\$4,130.00	\$196.00	\$2,744.00		
20	STORM SEWER SPOT REPAIR, RCP, CLASS V, 15 IN.	6 LF	\$300.00	\$1,800.00	\$335.00	\$2,010.00	\$750.00	\$4,500.00		
21	STORM SEWER SPOT REPAIR, RCP, CLASS III, 30 IN.	6 LF	\$500.00	\$3,000.00	\$835.00	\$5,010.00	\$750.00	\$4,500.00		
22	REMOVAL OF STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	95 LF	\$35.00	\$3,325.00	\$73.00	\$6,935.00	\$35.00	\$3,325.00		
23	SUBDRAIN, PVC, CASE B, 6 IN.	6175 LF	\$35.00	\$216,125.00	\$29.00	\$179,075.00	\$32.00	\$197,600.00		
24	SUBDRAIN, PVC, PLANTER MEDIAN, 4 IN.	1454 LF	\$30.00	\$43,620.00	\$23.00	\$33,442.00	\$30.00	\$43,620.00		
25	SUBDRAIN, HDPE OR SCH 80 PVC, 4 IN. (SOLID WALL, NON-PERFORATED)	172 LF	\$30.00	\$5,160.00	\$25.00	\$4,300.00	\$28.00	\$4,816.00		
26	SUBDRAIN, OUTLET, CONNECTION TO INTAKE OR PIPE	30 EA	\$525.00	\$15,750.00	\$400.00	\$12,000.00	\$525.00	\$15,750.00		
27	CORE DRILLING, PLANTER MEDIAN WALL FOOTING	11 EA	\$5,000.00	\$55,000.00	\$1,500.00	\$16,500.00	\$4,200.00	\$46,200.00		
28	VIDEO INSPECTION OF STORM SEWER	1 LS	\$10,000.00	\$10,000.00	\$350.00	\$350.00	\$25,000.00	\$25,000.00		
29	WATER SERVICE, DEPTH CHECK	4 EA	\$500.00	\$2,000.00	\$250.00	\$1,000.00	\$2,500.00	\$10,000.00		
30	WATER SERVICE, LOWERING	1 EA	\$3,200.00	\$3,200.00	\$4,500.00	\$4,500.00	\$7,200.00	\$7,200.00		
31	INTAKE, SW-505, DOUBLE GRATE	12 EA	\$8,000.00	\$96,000.00	\$10,500.00	\$126,000.00	\$8,650.00	\$103,800.00		
32	MANHOLE ADJUSTMENT, MINOR	8 EA	\$3,000.00	\$24,000.00	\$2,650.00	\$21,200.00	\$3,000.00	\$24,000.00		
33	INTAKE ADJUSTMENT, MINOR	1 EA	\$2,500.00	\$2,500.00	\$2,800.00	\$2,800.00	\$2,500.00	\$2,500.00		
34	MANHOLE ADJUSTMENT, MAJOR	19 EA	\$5,000.00	\$95,000.00	\$6,500.00	\$123,500.00	\$5,050.00	\$95,950.00		
35	CONNECTION TO EXISTING MANHOLE OR INTAKE	4 EA	\$5,000.00	\$20,000.00	\$4,200.00	\$16,800.00	\$5,000.00	\$20,000.00		
36	REMOVE MANHOLE OR INTAKE	13 EA	\$1,500.00	\$19,500.00	\$1,700.00	\$22,100.00	\$1,500.00	\$19,500.00		
37	PAVEMENT, PCC, CLASS C, CLASS 3 DUR., 8 IN	1614 SY	\$90.00	\$145,260.00	\$105.00	\$169,470.00	\$96.00	\$154,944.00		
38	CURB & GUTTER, PCC, 2.0 FT WIDTH, 7 IN. THICKNESS	215 LF	\$35.00	\$7,525.00	\$42.50	\$9,137.50	\$35.00	\$7,525.00		
39	CURB & GUTTER, PCC, 2.5 FT WIDTH, 10 IN. THICKNESS	5857 LF	\$40.00	\$234,280.00	\$41.00	\$240,137.00	\$36.00	\$210,852.00		
40	BEAM CURB, PCC, 12 IN. WIDTH, 17.5 IN. HEIGHT	420 LF	\$50.00	\$21,000.00	\$70.00	\$29,400.00	\$64.00	\$26,880.00		
41	CONCRETE MEDIAN, FULL DEPTH, 16 IN.	1052 SY	\$170.00	\$178,840.00	\$140.00	\$147,280.00	\$170.00	\$178,840.00		
42	PCC MEDIAN BAND, COLORED CONCRETE, YELLOW, 5 IN	61 SY	\$150.00	\$9,150.00	\$200.00	\$12,200.00	\$212.00	\$12,932.00		
43	PCC MEDIAN CAP, COLORED CONCRETE, RED, 5 IN.	18 SY	\$150.00	\$2,700.00	\$215.00	\$3,870.00	\$256.00	\$4,608.00		
44	PAVEMENT, HMA, HT, BASE COURSE, 3/4 IN. MIX, PG58-28S	4592 TON	\$115.00	\$528,080.00	\$98.00	\$450,016.00	\$110.00	\$505,120.00		
45	PAVEMENT, HMA, HT, INTERMEDIATE COURSE, 1/2 IN. MIX, PG58-28H	4655 TON	\$115.00	\$535,325.00	\$98.00	\$456,190.00	\$118.00	\$549,290.00		
46	PAVEMENT, HMA, HT, SURFACE COURSE, 1/2 IN. MIX, PG58-28H	2328 TON	\$115.00	\$267,720.00	\$107.00	\$249,096.00	\$124.00	\$288,672.00		
47	HMA SMOOTHNESS DEFICIENCY	0 EA	-\$1.00	\$0.00	-\$1.00	\$0.00	-\$1.00	\$0.00		
48	HMA PAVEMENT SAMPLES AND TESTING	1 LS	\$5,000.00	\$5,000.00	\$6,600.00	\$6,600.00	\$8,200.00	\$8,200.00		
49	REMOVAL OF SIDEWALK, SHARED USE PATH OR DRIVEWAY	4079 SY	\$15.00	\$61,185.00	\$17.50	\$71,382.50	\$15.00	\$61,185.00		
50	SIDEWALK, PCC, 5 IN.	1719 SY	\$55.00	\$94,545.00	\$80.00	\$137,520.00	\$64.00	\$110,016.00		
51	SIDEWALK, PCC, 6 IN., RAMPS AND TURNING SPACE	265 SY	\$95.00	\$25,175.00	\$115.00	\$30,475.00	\$112.00	\$29,680.00		
52	SIDEWALK, PCC, 10 IN., RAMPS	78 SY	\$120.00	\$9,360.00	\$150.00	\$11,700.00	\$125.00	\$9,750.00		
53	SIDEWALK, PCC, 6 IN., CLASS A	412 SY	\$75.00	\$30,900.00	\$115.00	\$47,380.00	\$82.00	\$33,784.00		
54	DETECTABLE WARNING	285 SF	\$60.00	\$17,100.00	\$65.00	\$18,525.00	\$60.00	\$17,100.00		
55	DRIVEWAY, PCC, 6 IN.	189 SY	\$70.00	\$13,230.00	\$95.00	\$17,955.00	\$85.00	\$16,065.00		
56	DRIVEWAY, PCC, 7 IN.	1374 SY	\$75.00	\$103,050.00	\$100.00	\$137,400.00	\$92.00	\$126,408.00		
57	CONCRETE STAMPING, BRICK PATTERN	46 SY	\$30.00	\$1,380.00	\$100.00	\$4,600.00	\$56.00	\$2,576.00		
58	COLD WEATHER PROTECTION FOR CONCRETE	1450 SY	\$1.00	\$1,450.00	\$1.00	\$1,450.00	\$1.00	\$1,450.00		
59	FULL DEPTH PATCHES, COMPOSITE	249 SY	\$300.00	\$74,700.00	\$342.00	\$85,158.00	\$312.00	\$77,688.00		
60	PAVEMENT REMOVAL	24399 SY	\$20.00	\$487,980.00	\$17.50	\$426,982.50	\$18.50	\$451,381.50		

Bid Not Read - Proposal
Attachment Part C Was Not
Completed

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
61	REMOVAL OF CONCRETE MEDIAN	1063 SY	\$50.00	\$53,150.00	\$17.50	\$18,602.50	\$48.00	\$51,024.00		
62	TEMPORARY PAVEMENT, HMA OR PCC, 6 IN.	3600 SY	\$50.00	\$180,000.00	\$50.00	\$180,000.00	\$55.00	\$198,000.00		
63	TEMPORARY GRANULAR SURFACING	240 TON	\$45.00	\$10,800.00	\$65.00	\$15,600.00	\$45.00	\$10,800.00		
64	TRAFFIC SIGNALIZATION	1 LS	\$300,000.00	\$300,000.00	\$400,000.00	\$400,000.00	\$391,500.00	\$391,500.00		
65	TEMPORARY SIGNALIZATION	2 EA	\$15,000.00	\$30,000.00	\$18,544.00	\$37,088.00	\$20,000.00	\$40,000.00		
66	MAINTENANCE OF TRAFFIC SIGNALS AND SIGNS	1 LS	\$5,000.00	\$5,000.00	\$6,420.00	\$6,420.00	\$6,500.00	\$6,500.00		
67	TRAFFIC SIGNAL REMOVAL	1 LS	\$15,000.00	\$15,000.00	\$19,325.00	\$19,325.00	\$20,000.00	\$20,000.00		
68	FIBER OPTIC HANDHOLE RELOCATION	2 EA	\$500.00	\$1,000.00	\$800.00	\$1,600.00	\$1,200.00	\$2,400.00		
69	FIBER OPTIC NETWORK MODIFICATIONS	125 LF	\$250.00	\$31,250.00	\$50.00	\$6,250.00	\$75.00	\$9,375.00		
70	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	190.6 STA	\$60.00	\$11,436.00	\$60.00	\$11,436.00	\$100.00	\$19,060.00		
71	PAINTED PAVEMENT MARKINGS, DURABLE	33.1 STA	\$450.00	\$14,895.00	\$400.00	\$13,240.00	\$500.00	\$16,550.00		
72	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, GROOVE/CUT	22 STA	\$700.00	\$15,400.00	\$500.00	\$11,000.00	\$900.00	\$19,800.00		
73	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, INLAY	37.9 STA	\$600.00	\$22,740.00	\$575.00	\$21,792.50	\$650.00	\$32,215.00		
74	WET, RETROFLECTIVE REMOVABLE TAPE MARKINGS	57.6 STA	\$150.00	\$8,640.00	\$130.00	\$7,488.00	\$250.00	\$14,400.00		
75	PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE	16 EA	\$115.00	\$1,840.00	\$115.00	\$1,840.00	\$250.00	\$4,000.00		
76	PAINTED SYMBOLS AND LEGENDS, DURABLE	37 EA	\$325.00	\$12,025.00	\$425.00	\$15,725.00	\$400.00	\$14,800.00		
77	PAINTED SYMBOLS AND LEGENDS, TEMPORARY TAPE	10 EA	\$350.00	\$3,500.00	\$225.00	\$2,250.00	\$350.00	\$3,500.00		
78	TEMPORARY LANE SEPARATOR SYSTEM	582 LF	\$20.00	\$11,640.00	\$22.50	\$13,095.00	\$22.00	\$12,804.00		
79	REMOVE TEMPORARY DELINEATOR POST AND BASE	28 EA	\$50.00	\$1,400.00	\$31.00	\$868.00	\$80.00	\$2,240.00		
80	PAVEMENT MARKINGS REMOVED	152.5 STA	\$45.00	\$6,862.50	\$90.00	\$13,725.00	\$50.00	\$7,625.00		
81	SYMBOLS AND LEGENDS REMOVED	13 EA	\$110.00	\$1,430.00	\$115.00	\$1,495.00	\$125.00	\$1,625.00		
82	GROOVES CUT FOR PAVEMENT MARKINGS	55.1 STA	\$80.00	\$4,408.00	\$195.00	\$10,744.50	\$100.00	\$5,510.00		
83	GROOVES CUT FOR SYMBOLS AND LEGENDS	37 EA	\$225.00	\$8,325.00	\$200.00	\$7,400.00	\$250.00	\$9,250.00		
84	TRAFFIC CONTROL	1 LS	\$100,000.00	\$100,000.00	\$150,000.00	\$150,000.00	\$119,500.00	\$119,500.00		
85	TEMPORARY ACCESS INFORMATION SIGN	544 SF	\$25.00	\$13,600.00	\$45.00	\$24,480.00	\$35.00	\$19,040.00		
86	TEMPORARY BARRIER RAIL	1285 LF	\$20.00	\$25,700.00	\$25.00	\$32,125.00	\$22.00	\$28,270.00		
87	REMOVE/REINSTALL EXISTING TEMPORARY BARRIER RAIL	30 LF	\$15.00	\$450.00	\$40.00	\$1,200.00	\$20.00	\$600.00		
88	PORTABLE DYNAMIC MESSAGE SIGNS	126 CDAY	\$120.00	\$15,120.00	\$150.00	\$18,900.00	\$200.00	\$25,200.00		
89	FLAGGERS	34 CDAY	\$555.00	\$18,870.00	\$555.00	\$18,870.00	\$555.00	\$18,870.00		
90	FLAGGER, UNIFORMED POLICE OFFICER	2 CDAY	\$550.00	\$1,100.00	\$550.00	\$1,100.00	\$550.00	\$1,100.00		
91	REMOVE SIGN ASSEMBLY	76 EA	\$100.00	\$7,600.00	\$175.00	\$13,300.00	\$100.00	\$7,600.00		
92	REMOVE, SALVAGE, AND REINSTALL SIGN ASSEMBLY	8 EA	\$350.00	\$2,800.00	\$400.00	\$3,200.00	\$350.00	\$2,800.00		
93	SIGN ASSEMBLY, FURNISH AND INSTALL	84 EA	\$300.00	\$25,200.00	\$175.00	\$14,700.00	\$400.00	\$33,600.00		
94	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING, TYPE 1 (PERM. LAWN MIX)	0.8 ACRE	\$4,000.00	\$3,200.00	\$5,500.00	\$4,400.00	\$4,000.00	\$3,200.00		
95	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING, TYPE 4 (TEMPORARY)	3 ACRE	\$2,000.00	\$6,000.00	\$4,200.00	\$12,600.00	\$2,000.00	\$6,000.00		
96	SOD	1294.2 SQ	\$75.00	\$97,065.00	\$85.00	\$110,007.00	\$118.00	\$152,715.60		
97	SUPPLEMENTAL WATERING, SOD	129420 GAL	\$0.50	\$64,710.00	\$0.30	\$38,826.00	\$0.28	\$36,237.60		
98	MOWING	1.9 ACRE	\$1,000.00	\$1,900.00	\$500.00	\$950.00	\$1,000.00	\$1,900.00		
99	MEDIAN WEED CONTROL	9 EA	\$500.00	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00		
100	SWPPP PREPARATION AND MANAGEMENT	1 LS	\$7,500.00	\$7,500.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00		
101	FILTER SOCKS, 9 IN.	7322 LF	\$3.00	\$21,966.00	\$2.25	\$16,474.50	\$1.25	\$9,152.50		
102	FILTER SOCKS, REMOVAL	7322 LF	\$0.25	\$1,830.50	\$0.75	\$5,491.50	\$0.10	\$732.20		
103	SILT FENCE, INSTALLATION	500 LF	\$2.00	\$1,000.00	\$2.50	\$1,250.00	\$4.00	\$2,000.00		
104	SILT FENCE, REMOVAL OF SEDIMENT	500 LF	\$0.10	\$50.00	\$0.50	\$250.00	\$0.50	\$250.00		
105	SILT FENCE, REMOVAL OF DEVICE	500 LF	\$0.10	\$50.00	\$0.50	\$250.00	\$0.50	\$250.00		
106	EROSION CONTROL MULCHING, HYDROMULCHING	6 AC	\$3,000.00	\$18,000.00	\$3,500.00	\$21,000.00	\$3,000.00	\$18,000.00		
107	INLET PROTECTION DEVICE, DROP-IN TYPE	27 EA	\$200.00	\$5,400.00	\$145.00	\$3,915.00	\$200.00	\$5,400.00		
108	INLET PROTECTION DEVICE, MAINTENANCE	27 EA	\$25.00	\$675.00	\$25.00	\$675.00	\$25.00	\$675.00		
109	MODULAR BLOCK RETAINING WALL	70 SF	\$40.00	\$2,800.00	\$100.00	\$7,000.00	\$42.00	\$2,940.00		
110	TREE PROTECTION AND TEMPORARY CONSTRUCTION FENCE	563 LF	\$4.00	\$2,252.00	\$10.00	\$5,630.00	\$5.00	\$2,815.00		
111	TREE TRUNK PROTECTION	17 EA	\$220.00	\$3,740.00	\$350.00	\$5,950.00	\$250.00	\$4,250.00		
112	EXCAVATION, CLASS 10 WASTE, MEDIAN SOIL AND PLANTS	1052 CY	\$40.00	\$42,080.00	\$55.00	\$57,860.00	\$32.00	\$33,664.00		
113	AMENDED TOPSOIL, MEDIANS	1052 CY	\$80.00	\$84,160.00	\$125.00	\$131,500.00	\$108.00	\$113,616.00		
114	IRRIGATION	1 LS	\$300,000.00	\$300,000.00	\$475,000.00	\$475,000.00	\$490,000.00	\$490,000.00		
115	SUBSURFACE UTILITY INVESTIGATION FOR IRRIGATION	40 EA	\$850.00	\$34,000.00	\$1,600.00	\$64,000.00	\$850.00	\$34,000.00		
116	CONSTRUCTION SURVEY	1 LS	\$85,000.00	\$85,000.00	\$35,000.00	\$35,000.00	\$38,000.00	\$38,000.00		
117	MONUMENT PRESERVATION AND REPLACEMENT	1 LS	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00		
118	MOBILIZATION	1 LS	\$250,790.50	\$250,790.50	\$1,052,000.00	\$1,052,000.00	\$1,154,000.00	\$1,154,000.00		
119	MAINTENANCE OF POSTAL SERVICE	1 LS	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00		
120	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$10,000.00	\$10,000.00	\$17,500.00	\$17,500.00	\$27,500.00	\$27,500.00		
121	CONCRETE WASHOUT	1 LS	\$4,000.00	\$4,000.00	\$15,000.00	\$15,000.00	\$10,900.00	\$10,900.00		
122	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		
123	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		
	DIVISION 1, SUBTOTAL			\$7,074,750.00		\$7,970,687.20		\$8,332,179.40		\$0.00
	DIVISION 2: DES MOINES WATER WORKS									
124	POTHOLING FOR ANODE INSTALLATION, TYPE A2 OR B2 POTHOLE	67 EA	\$750.00	\$50,250.00	\$345.00	\$23,115.00	\$1,500.00	\$100,500.00		\$0.00
	DIVISION 2, SUBTOTAL			\$50,250.00		\$23,115.00		\$100,500.00		\$0.00
	TOTAL CONSTRUCTION COST (DIVISION 1 + DIVISION 2)			\$7,125,000.00		\$7,993,802.20		\$8,432,679.40		\$0.00
	PERCENT OF ENGINEER'S ESTIMATE					+12.19%		+18.35%		-100.00%