



Date December 09, 2024

**PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS,
FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON
E. ARMY POST ROAD AND SE 36TH STREET ROUNDABOUT;
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE
BIDDER AS MANATT'S, INC., BRIAN L. MANATT, PRESIDENT, \$2,146,688.74**

WHEREAS, on October 21, 2024, under Roll Call No. 24-1420, 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:

E. Army Post Road and SE 36th Street Roundabout, Activity ID 042022016
IDOT Project No. CS-TSF-1945(870)--85-77

The improvement includes Portland Cement Concrete (PCC) pavement, PCC curb and gutter, pavement removals, earthwork, storm sewer, intakes, lighting, pavement markings, traffic control, erosion control, and surface restoration, all in accordance with the contract documents including Plan File No. 665-143/273, located at E. Army Post Road and SE 36th Street in 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:

- Manatt's, Inc., Brooklyn, IA - Low Bid
- Alliance Construction Group, LLC, Urbandale, IA
- Concrete Technologies, Inc., Grimes, IA
- All Star Concrete, L.L.C., Johnston, IA
- Absolute Concrete Construction, Inc. d/b/a Absolute Group, Granger, IA
- Reilly Construction Co., Inc., Ossian, IA
- C. J. Moyna & Sons, LLC, Elkader, IA
- Vanderpool Construction, Inc., Indianola, IA
- Castor Construction, LLC, Fort Dodge, IA
- MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, IA
- Jasper Construction Services, Inc., Newton, IA
- Iowa Civil Contracting, Inc., Victor, IA



Date December 09, 2024

TK Concrete, Inc., Pella, IA

Sternquist Construction, Inc., Indianola, IA - Bid not read. Bidder used invalid Proposal Form to submit bid unit prices.

Shekar Engineering, P.L.C., Des Moines, IA - Bid not read. Bidder did not complete the Targeted Small Business Solicitation Requirements.

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 05, 2024. 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 Manatt's, Inc., Brian L. Manatt, President, 1775 Old 6 Road, P.O. Box 535, Brooklyn, IA, 52211 in the amount of \$2,146,688.74, 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.

(Council Communication No. 24-485 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



Funding Source: 2024-25 CIP, Page 135, E Army Post Rd and 36th St Intersection Improvements, ST303, Being: \$500,000 (Max) in Iowa DOT Traffic Safety Improvement Funds under CS-TSF-1945(870)--85-77, \$1,631,209.74 in G.O. Bonds, and the remaining \$15,479 from Des Moines Water Works



Roll Call Number

Agenda Item Number

52

Date December 09, 2024

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
COLEMAN				
GATTO				
MANDELBAUM				
SIMONSON				
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

TABULATED BY: N. Smith APPROVED BY: *Phillip J. Wagen*
CHECKED BY: *[Signature]*

CONTRACTOR'S BID TABULATION
PROJECT: E. ARMY POST ROAD AND SE 36TH STREET ROUNDABOUT

-----ESTIMATE-----

Manatts, Inc. Johnston, IA	Alliance Construction Group, LLC Urbandale, IA	Concrete Technologies, Inc. Grimes, IA
BID SECURITY 10% Bid Bond	BID SECURITY 10% Bid Bond	BID SECURITY 10% Bid Bond
BID PRICE	BID PRICE	BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING & GRUBBING	745.3 UNIT	\$20.00	\$14,906.00	\$15.31	\$11,410.54	\$13.00	\$9,688.90	\$11.15	\$8,310.10
2	CLEARING & GRUBBING	1 ACRE	\$10,000.00	\$10,000.00	\$10,237.50	\$10,237.50	\$8,500.00	\$8,500.00	\$14,700.00	\$14,700.00
3	TOPSOIL, ON SITE	7476 CY	\$12.00	\$89,712.00	\$8.09	\$60,480.84	\$7.25	\$54,201.00	\$11.30	\$84,478.80
4	EXCAVATION, CLASS 10, ROADWAY & BORROW	2980 CY	\$15.00	\$44,700.00	\$4.80	\$14,304.00	\$9.00	\$26,820.00	\$7.35	\$21,903.00
5	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	11167 CY	\$25.00	\$279,175.00	\$11.29	\$126,075.43	\$13.60	\$151,871.20	\$14.75	\$164,713.25
6	SUBGRADE PREPARATION, 12 IN.	15192 SY	\$5.00	\$75,960.00	\$2.50	\$37,980.00	\$2.55	\$38,739.60	\$2.30	\$34,941.60
7	MODIFIED SUBBASE, 6 IN.	2701 CY	\$70.00	\$189,070.00	\$61.63	\$166,462.63	\$46.00	\$124,246.00	\$44.35	\$119,789.35
8	REMOVAL OF EXISTING CULVERTS LESS THAN OR EQUAL TO 36 IN. DIA.	134 LF	\$25.00	\$3,350.00	\$23.89	\$3,201.26	\$10.00	\$1,340.00	\$34.10	\$4,569.40
9	REMOVAL OF EXISTING CULVERTS GREATER THAN 36 IN. DIA.	181 LF	\$30.00	\$5,430.00	\$35.36	\$6,400.16	\$20.00	\$3,620.00	\$31.75	\$5,746.75
10	STORM SEWER, TRENCHED, RCP, CLASS V, 15 IN.	229 LF	\$125.00	\$28,625.00	\$74.21	\$16,994.09	\$60.00	\$13,740.00	\$79.55	\$18,216.95
11	STORM SEWER, TRENCHED, RCP, CLASS III, 30 IN.	283 LF	\$160.00	\$45,280.00	\$117.30	\$33,195.90	\$89.00	\$25,187.00	\$121.25	\$34,313.75
12	STORM SEWER, TRENCHED, RCP, CLASS V, 30 IN.	308 LF	\$200.00	\$61,600.00	\$154.42	\$47,561.36	\$95.00	\$29,260.00	\$145.00	\$44,660.00
13	PIPE APRON, RCP, 15 IN.	1 EA	\$2,500.00	\$2,500.00	\$1,239.00	\$1,239.00	\$2,500.00	\$2,500.00	\$2,830.00	\$2,830.00
14	PIPE APRON, RCP, 30 IN.	5 EA	\$4,000.00	\$20,000.00	\$3,666.00	\$18,330.00	\$3,500.00	\$17,500.00	\$3,915.00	\$19,575.00
15	SUBDRAIN, PVC, 6 IN.	6030 LF	\$35.00	\$211,050.00	\$16.98	\$102,389.40	\$8.50	\$51,255.00	\$18.95	\$114,268.50
16	SUBDRAIN CLEANOUT, TYPE A-1	14 EA	\$850.00	\$11,900.00	\$751.00	\$10,514.00	\$550.00	\$7,700.00	\$1,340.00	\$18,760.00
17	SUBDRAIN CONNECTION TO INTAKE OR STORM SEWER	14 EA	\$500.00	\$7,000.00	\$422.00	\$5,908.00	\$280.00	\$3,920.00	\$405.00	\$5,670.00
18	SUBDRAIN OUTLET TO DITCH	8 EA	\$600.00	\$4,800.00	\$569.00	\$4,552.00	\$150.00	\$1,200.00	\$215.00	\$1,720.00
19	CLEANING, INSPECTION, AND TESTING OF SEWERS	1 LS	\$5,000.00	\$5,000.00	\$2,255.00	\$2,255.00	\$3,500.00	\$3,500.00	\$5,255.00	\$5,255.00
20	FIRE HYDRANT ASSEMBLY	1 EA	\$10,000.00	\$10,000.00	\$15,479.00	\$15,479.00	\$8,500.00	\$8,500.00	\$16,500.00	\$16,500.00
21	MANHOLE, SW-401, 60 IN.	2 EA	\$7,000.00	\$14,000.00	\$8,669.00	\$17,338.00	\$6,000.00	\$12,000.00	\$7,350.00	\$14,700.00
22	MANHOLE, SW-401, 72 IN.	1 EA	\$10,000.00	\$10,000.00	\$8,969.00	\$8,969.00	\$8,000.00	\$8,000.00	\$8,840.00	\$8,840.00
23	INTAKE, SW-505	1 EA	\$8,000.00	\$8,000.00	\$5,511.00	\$5,511.00	\$2,800.00	\$2,800.00	\$6,215.00	\$6,215.00
24	INTAKE, SW-506	1 EA	\$9,000.00	\$9,000.00	\$9,022.00	\$9,022.00	\$4,800.00	\$4,800.00	\$8,865.00	\$8,865.00
25	INTAKE, SW-512, 24 IN.	1 EA	\$3,000.00	\$3,000.00	\$2,886.00	\$2,886.00	\$1,550.00	\$1,550.00	\$2,755.00	\$2,755.00
26	PAVEMENT, PCC, CLASS C, 9 IN.	13419 SY	\$80.00	\$1,073,520.00	\$70.00	\$939,330.00	\$79.75	\$1,070,165.25	\$68.25	\$915,846.75
27	CONCRETE MEDIAN, TIED	1976 SY	\$125.00	\$247,000.00	\$69.00	\$136,344.00	\$75.00	\$148,200.00	\$60.00	\$118,560.00
28	SIDEWALK, PCC, 6-IN.	85 SY	\$60.00	\$5,100.00	\$66.00	\$5,610.00	\$75.00	\$6,375.00	\$76.00	\$6,460.00
29	DETECTABLE WARNINGS	160 SF	\$60.00	\$9,600.00	\$55.00	\$8,800.00	\$80.00	\$12,800.00	\$56.00	\$8,960.00
30	DRIVEWAY, PAVED, PCC, 6 IN.	54 SY	\$65.00	\$3,510.00	\$66.50	\$3,591.00	\$70.00	\$3,780.00	\$86.00	\$4,644.00
31	GRANULAR SURFACING, 6 IN.	165 SY	\$35.00	\$5,775.00	\$15.70	\$2,590.50	\$15.00	\$2,475.00	\$16.75	\$2,763.75
32	PAVEMENT REMOVAL	9142 SY	\$15.00	\$137,130.00	\$5.94	\$54,303.48	\$7.50	\$68,565.00	\$5.85	\$53,480.70
33	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	99.79 STA	\$200.00	\$19,958.00	\$100.00	\$9,979.00	\$105.00	\$10,477.95	\$106.00	\$10,577.74
34	GROOVES CUT FOR PAVEMENT MARKINGS	99.79 STA	\$50.00	\$4,989.50	\$45.00	\$4,490.55	\$85.00	\$8,482.15	\$85.85	\$8,566.97
35	TRAFFIC CONTROL	1 LS	\$30,000.00	\$30,000.00	\$17,400.00	\$17,400.00	\$16,000.00	\$16,000.00	\$16,200.00	\$16,200.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
36	PORTABLE DYNAMIC MESSAGE SIGNS	182 CDAY	\$250.00	\$45,500.00	\$70.00	\$12,740.00	\$70.00	\$12,740.00	\$70.75	\$12,876.50
37	TRAFFIC SIGNS	164.5 SF	\$25.00	\$4,112.50	\$40.00	\$6,580.00	\$22.00	\$3,619.00	\$22.25	\$3,660.13
38	PERFORATED SQUARE STEEL TUBE POST	321 LF	\$65.00	\$20,865.00	\$20.00	\$6,420.00	\$19.80	\$6,355.80	\$18.25	\$5,858.25
39	PERFORATED SQUARE STEEL TUBE POST ANCHORS, SOIL INSTALLATION	20 EA	\$65.00	\$1,300.00	\$150.00	\$3,000.00	\$110.00	\$2,200.00	\$102.50	\$2,050.00
40	PERFORATED SQUARE STEEL TUBE POST ANCHORS, CONCRETE INSTALLATION	12 EA	\$350.00	\$4,200.00	\$300.00	\$3,600.00	\$330.00	\$3,960.00	\$305.00	\$3,660.00
41	REMOVE AND SALVAGE TRAFFIC SIGNS	10 EA	\$100.00	\$1,000.00	\$150.00	\$1,500.00	\$75.00	\$750.00	\$75.75	\$757.50
42	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 1	7.6 ACRE	\$4,500.00	\$34,200.00	\$3,700.00	\$28,120.00	\$3,700.00	\$28,120.00	\$3,740.00	\$28,424.00
43	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 4	7.6 ACRE	\$1,000.00	\$7,600.00	\$1,800.00	\$13,680.00	\$1,800.00	\$13,680.00	\$1,820.00	\$13,832.00
44	PLANTS	27 EA	\$20.00	\$540.00	\$30.00	\$810.00	\$30.00	\$810.00	\$30.25	\$816.75
45	RIVER LANDSCAPE ROCK	3.5 CY	\$50.00	\$175.00	\$300.00	\$1,050.00	\$300.00	\$1,050.00	\$305.00	\$1,067.50
46	STORMWATER POLLUTION PREVENTION	1 LS	\$5,000.00	\$5,000.00	\$6,600.00	\$6,600.00	\$6,600.00	\$6,600.00	\$6,670.00	\$6,670.00
47	WATTLE, INSTALLATION, 12 IN.	4093 LF	\$1.50	\$6,139.50	\$2.20	\$9,004.60	\$2.20	\$9,004.60	\$2.25	\$9,209.25
48	WATTLE, REMOVAL	4093 LF	\$1.00	\$4,093.00	\$0.20	\$818.60	\$0.20	\$818.60	\$0.25	\$1,023.25
49	RIP RAP, CLASS E	66 TN	\$100.00	\$6,600.00	\$75.00	\$4,950.00	\$65.00	\$4,290.00	\$88.65	\$5,850.90
50	RIP RAP, MACADAM STONE	77 TN	\$60.00	\$4,620.00	\$60.00	\$4,620.00	\$64.00	\$4,928.00	\$90.00	\$6,930.00
51	SILT FENCE, INSTALLATION	3245 LF	\$3.00	\$9,735.00	\$1.60	\$5,192.00	\$2.00	\$6,490.00	\$1.65	\$5,354.25
52	SILT FENCE, MAINTENANCE	3245 LF	\$2.00	\$6,490.00	\$0.01	\$32.45	\$0.05	\$162.25	\$0.05	\$162.25
53	SILT FENCE, REMOVAL	3245 LF	\$1.00	\$3,245.00	\$0.01	\$32.45	\$0.05	\$162.25	\$0.05	\$162.25
54	EROSION CONTROL MULCHING, HYDROMULCHING	15.2 ACRE	\$750.00	\$11,400.00	\$1,680.00	\$25,536.00	\$1,700.00	\$25,840.00	\$1,700.00	\$25,840.00
55	TURF REINFORCEMENT MATS, TYPE 4	830 SF	\$2.50	\$2,075.00	\$2.10	\$1,743.00	\$2.25	\$1,867.50	\$2.15	\$1,784.50
56	INLET PROTECTION DEVICE, INSTALLATION	5 EA	\$150.00	\$750.00	\$160.00	\$800.00	\$160.00	\$800.00	\$162.00	\$810.00
57	INLET PROTECTION DEVICE, MAINTENANCE	5 EA	\$50.00	\$250.00	\$15.00	\$75.00	\$15.00	\$75.00	\$15.15	\$75.75
58	TREE PROTECTION FENCE	250 LF	\$4.00	\$1,000.00	\$3.00	\$750.00	\$3.00	\$750.00	\$3.05	\$762.50
59	CONSTRUCTION SURVEY	1 LS	\$30,000.00	\$30,000.00	\$16,400.00	\$16,400.00	\$16,000.00	\$16,000.00	\$16,600.00	\$16,600.00
60	MOBILIZATION	1 LS	\$234,469.50	\$234,469.50	\$65,000.00	\$65,000.00	\$68,000.00	\$68,000.00	\$180,000.00	\$180,000.00
61	MAINTENANCE OF POSTAL SERVICE	1 LS	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00
62	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,000.00	\$2,000.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
TOTAL CONSTRUCTION COST				\$3,150,000.00		\$2,146,688.74		\$2,184,832.05		\$2,272,593.89
PERCENT OF ENGINEER'S ESTIMATE						-31.85%		-30.64%		-27.85%
						Low				

TABULATED BY: N. Smith APPROVED BY: 
CHECKED BY: 

CONTRACTOR'S BID TABULATION
PROJECT: E. ARMY POST ROAD AND SE 36TH STREET ROUNDABOUT

-----ESTIMATE-----

		All Star Concrete, L.L.C. Johnston, IA		Absolute Concrete Construction, Inc. dba Absolute Group Granger, IA		Reilly Construction Co., Inc. Ossian, IA				
		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond				
		BID PRICE		BID PRICE		BID PRICE				
UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT			
1	CLEARING & GRUBBING	745.3 UNIT	\$20.00	\$14,906.00	\$15.31	\$11,410.54	\$12.90	\$9,614.37	\$20.00	\$14,906.00
2	CLEARING & GRUBBING	1 ACRE	\$10,000.00	\$10,000.00	\$10,237.50	\$10,237.50	\$8,500.00	\$8,500.00	\$15,000.00	\$15,000.00
3	TOPSOIL, ON SITE	7476 CY	\$12.00	\$89,712.00	\$8.09	\$60,480.84	\$7.75	\$57,939.00	\$8.00	\$59,808.00
4	EXCAVATION, CLASS 10, ROADWAY & BORROW	2980 CY	\$15.00	\$44,700.00	\$4.80	\$14,304.00	\$2.75	\$8,195.00	\$8.00	\$23,840.00
5	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	11167 CY	\$25.00	\$279,175.00	\$11.29	\$126,075.43	\$15.00	\$167,505.00	\$20.00	\$223,340.00
6	SUBGRADE PREPARATION, 12 IN.	15192 SY	\$5.00	\$75,960.00	\$2.50	\$37,980.00	\$2.50	\$37,980.00	\$3.50	\$53,172.00
7	MODIFIED SUBBASE, 6 IN.	2701 CY	\$70.00	\$189,070.00	\$61.63	\$166,462.63	\$65.00	\$175,565.00	\$52.00	\$140,452.00
8	REMOVAL OF EXISTING CULVERTS LESS THAN OR EQUAL TO 36 IN. DIA.	134 LF	\$25.00	\$3,350.00	\$23.89	\$3,201.26	\$20.00	\$2,680.00	\$12.50	\$1,675.00
9	REMOVAL OF EXISTING CULVERTS GREATER THAN 36 IN. DIA.	181 LF	\$30.00	\$5,430.00	\$35.36	\$6,400.16	\$20.00	\$3,620.00	\$12.50	\$2,262.50
10	STORM SEWER, TRENCHED, RCP, CLASS V, 15 IN.	229 LF	\$125.00	\$28,625.00	\$74.21	\$16,994.09	\$65.00	\$14,885.00	\$56.00	\$12,824.00
11	STORM SEWER, TRENCHED, RCP, CLASS III, 30 IN.	283 LF	\$160.00	\$45,280.00	\$117.30	\$33,195.90	\$109.00	\$30,847.00	\$92.00	\$26,036.00
12	STORM SEWER, TRENCHED, RCP, CLASS V, 30 IN.	308 LF	\$200.00	\$61,600.00	\$154.42	\$47,561.36	\$106.00	\$32,648.00	\$125.00	\$38,500.00
13	PIPE APRON, RCP, 15 IN.	1 EA	\$2,500.00	\$2,500.00	\$1,239.00	\$1,239.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
14	PIPE APRON, RCP, 30 IN.	5 EA	\$4,000.00	\$20,000.00	\$3,666.00	\$18,330.00	\$4,555.00	\$22,775.00	\$4,000.00	\$20,000.00
15	SUBDRAIN, PVC, 6 IN.	6030 LF	\$35.00	\$211,050.00	\$16.98	\$102,389.40	\$20.25	\$122,107.50	\$23.00	\$138,690.00
16	SUBDRAIN CLEANOUT, TYPE A-1	14 EA	\$850.00	\$11,900.00	\$751.00	\$10,514.00	\$896.00	\$12,544.00	\$525.00	\$7,350.00
17	SUBDRAIN CONNECTION TO INTAKE OR STORM SEWER	14 EA	\$500.00	\$7,000.00	\$422.00	\$5,908.00	\$350.00	\$4,900.00	\$550.00	\$7,700.00
18	SUBDRAIN OUTLET TO DITCH	8 EA	\$600.00	\$4,800.00	\$569.00	\$4,552.00	\$550.00	\$4,400.00	\$575.00	\$4,600.00
19	CLEANING, INSPECTION, AND TESTING OF SEWERS	1 LS	\$5,000.00	\$5,000.00	\$2,255.00	\$2,255.00	\$2,200.00	\$2,200.00	\$2,500.00	\$2,500.00
20	FIRE HYDRANT ASSEMBLY	1 EA	\$10,000.00	\$10,000.00	\$15,479.00	\$15,479.00	\$7,855.00	\$7,855.00	\$13,250.00	\$13,250.00
21	MANHOLE, SW-401, 60 IN.	2 EA	\$7,000.00	\$14,000.00	\$8,669.00	\$17,338.00	\$8,120.00	\$16,240.00	\$7,000.00	\$14,000.00
22	MANHOLE, SW-401, 72 IN.	1 EA	\$10,000.00	\$10,000.00	\$8,969.00	\$8,969.00	\$9,875.00	\$9,875.00	\$7,650.00	\$7,650.00
23	INTAKE, SW-505	1 EA	\$8,000.00	\$8,000.00	\$5,511.00	\$5,511.00	\$7,750.00	\$7,750.00	\$5,350.00	\$5,350.00
24	INTAKE, SW-506	1 EA	\$9,000.00	\$9,000.00	\$9,022.00	\$9,022.00	\$11,950.00	\$11,950.00	\$8,350.00	\$8,350.00
25	INTAKE, SW-512, 24 IN.	1 EA	\$3,000.00	\$3,000.00	\$2,886.00	\$2,886.00	\$1,950.00	\$1,950.00	\$2,000.00	\$2,000.00
26	PAVEMENT, PCC, CLASS C, 9 IN.	13419 SY	\$80.00	\$1,073,520.00	\$81.75	\$1,097,003.25	\$77.00	\$1,033,263.00	\$72.00	\$966,168.00
27	CONCRETE MEDIAN, TIED	1976 SY	\$125.00	\$247,000.00	\$63.50	\$125,476.00	\$74.00	\$146,224.00	\$104.00	\$205,504.00
28	SIDEWALK, PCC, 6-IN.	85 SY	\$60.00	\$5,100.00	\$69.00	\$5,865.00	\$80.00	\$6,800.00	\$92.00	\$7,820.00
29	DETECTABLE WARNINGS	160 SF	\$60.00	\$9,600.00	\$55.00	\$8,800.00	\$48.00	\$7,680.00	\$55.00	\$8,800.00
30	DRIVEWAY, PAVED, PCC, 6 IN.	54 SY	\$65.00	\$3,510.00	\$69.00	\$3,726.00	\$110.00	\$5,940.00	\$80.00	\$4,320.00
31	GRANULAR SURFACING, 6 IN.	165 SY	\$35.00	\$5,775.00	\$15.70	\$2,590.50	\$15.00	\$2,475.00	\$25.00	\$4,125.00
32	PAVEMENT REMOVAL	9142 SY	\$15.00	\$137,130.00	\$5.94	\$54,303.48	\$8.00	\$73,136.00	\$7.00	\$63,994.00
33	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	99.79 STA	\$200.00	\$19,958.00	\$105.00	\$10,477.95	\$100.00	\$9,979.00	\$110.00	\$10,976.90
34	GROOVES CUT FOR PAVEMENT MARKINGS	99.79 STA	\$50.00	\$4,989.50	\$85.00	\$8,482.15	\$45.00	\$4,490.55	\$90.00	\$8,981.10
35	TRAFFIC CONTROL	1 LS	\$30,000.00	\$30,000.00	\$16,000.00	\$16,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
36	PORTABLE DYNAMIC MESSAGE SIGNS	182 CDAY	\$250.00	\$45,500.00	\$70.00	\$12,740.00	\$70.00	\$12,740.00	\$75.00	\$13,650.00
37	TRAFFIC SIGNS	164.5 SF	\$25.00	\$4,112.50	\$22.00	\$3,619.00	\$40.00	\$6,580.00	\$25.00	\$4,112.50
38	PERFORATED SQUARE STEEL TUBE POST	321 LF	\$65.00	\$20,865.00	\$18.00	\$5,778.00	\$20.00	\$6,420.00	\$20.00	\$6,420.00
39	PERFORATED SQUARE STEEL TUBE POST ANCHORS, SOIL INSTALLATION	20 EA	\$65.00	\$1,300.00	\$100.00	\$2,000.00	\$150.00	\$3,000.00	\$110.00	\$2,200.00
40	PERFORATED SQUARE STEEL TUBE POST ANCHORS, CONCRETE INSTALLATION	12 EA	\$350.00	\$4,200.00	\$300.00	\$3,600.00	\$300.00	\$3,600.00	\$350.00	\$4,200.00
41	REMOVE AND SALVAGE TRAFFIC SIGNS	10 EA	\$100.00	\$1,000.00	\$75.00	\$750.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00
42	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 1	7.6 ACRE	\$4,500.00	\$34,200.00	\$3,700.00	\$28,120.00	\$3,700.00	\$28,120.00	\$4,000.00	\$30,400.00
43	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 4	7.6 ACRE	\$1,000.00	\$7,600.00	\$1,800.00	\$13,680.00	\$1,800.00	\$13,680.00	\$2,000.00	\$15,200.00
44	PLANTS	27 EA	\$20.00	\$540.00	\$30.00	\$810.00	\$30.00	\$810.00	\$50.00	\$1,350.00
45	RIVER LANDSCAPE ROCK	3.5 CY	\$50.00	\$175.00	\$300.00	\$1,050.00	\$300.00	\$1,050.00	\$350.00	\$1,225.00
46	STORMWATER POLLUTION PREVENTION	1 LS	\$5,000.00	\$5,000.00	\$6,600.00	\$6,600.00	\$6,600.00	\$6,600.00	\$7,500.00	\$7,500.00
47	WATTLE, INSTALLATION, 12 IN.	4093 LF	\$1.50	\$6,139.50	\$2.20	\$9,004.60	\$2.20	\$9,004.60	\$2.20	\$9,004.60
48	WATTLE, REMOVAL	4093 LF	\$1.00	\$4,093.00	\$0.20	\$818.60	\$0.20	\$818.60	\$0.20	\$818.60
49	RIP RAP, CLASS E	66 TN	\$100.00	\$6,600.00	\$75.00	\$4,950.00	\$86.00	\$5,676.00	\$85.00	\$5,610.00
50	RIP RAP, MACADAM STONE	77 TN	\$60.00	\$4,620.00	\$60.00	\$4,620.00	\$62.50	\$4,812.50	\$65.00	\$5,005.00
51	SILT FENCE, INSTALLATION	3245 LF	\$3.00	\$9,735.00	\$1.60	\$5,192.00	\$1.60	\$5,192.00	\$1.60	\$5,192.00
52	SILT FENCE, MAINTENANCE	3245 LF	\$2.00	\$6,490.00	\$0.01	\$32.45	\$0.01	\$32.45	\$0.01	\$32.45
53	SILT FENCE, REMOVAL	3245 LF	\$1.00	\$3,245.00	\$0.01	\$32.45	\$0.01	\$32.45	\$0.01	\$32.45
54	EROSION CONTROL MULCHING, HYDROMULCHING	15.2 ACRE	\$750.00	\$11,400.00	\$1,680.00	\$25,536.00	\$1,680.00	\$25,536.00	\$2,000.00	\$30,400.00
55	TURF REINFORCEMENT MATS, TYPE 4	830 SF	\$2.50	\$2,075.00	\$2.10	\$1,743.00	\$2.10	\$1,743.00	\$2.10	\$1,743.00
56	INLET PROTECTION DEVICE, INSTALLATION	5 EA	\$150.00	\$750.00	\$160.00	\$800.00	\$160.00	\$800.00	\$160.00	\$800.00
57	INLET PROTECTION DEVICE, MAINTENANCE	5 EA	\$50.00	\$250.00	\$15.00	\$75.00	\$15.00	\$75.00	\$15.00	\$75.00
58	TREE PROTECTION FENCE	250 LF	\$4.00	\$1,000.00	\$3.00	\$750.00	\$3.00	\$750.00	\$5.00	\$1,250.00
59	CONSTRUCTION SURVEY	1 LS	\$30,000.00	\$30,000.00	\$15,900.00	\$15,900.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
60	MOBILIZATION	1 LS	\$234,469.50	\$234,469.50	\$78,000.00	\$78,000.00	\$100,000.00	\$100,000.00	\$150,000.00	\$150,000.00
61	MAINTENANCE OF POSTAL SERVICE	1 LS	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00
62	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,000.00	\$2,000.00	\$1,300.00	\$1,300.00	\$6,250.00	\$6,250.00	\$5,000.00	\$5,000.00
TOTAL CONSTRUCTION COST				\$3,150,000.00		\$2,299,921.54		\$2,347,835.02		\$2,473,665.10
PERCENT OF ENGINEER'S ESTIMATE						-26.99%		-25.47%		-21.47%

TABULATED BY: N. Smith APPROVED BY: *Phillip J. Wagen*
CHECKED BY: *[Signature]*

CONTRACTOR'S BID TABULATION
PROJECT: E. ARMY POST ROAD AND SE 36TH STREET ROUNDABOUT

-----ESTIMATE-----

C. J. Monya & Sons, LLC Elkader, IA		Vanderpool Construction, Inc. Indianola, IA		Castor Construction, LLC Fort Dodge, IA	
BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond	
BID PRICE		BID PRICE		BID PRICE	
UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
\$15.00	\$11,179.50	\$20.00	\$14,906.00	\$11.00	\$8,198.30
\$9,500.00	\$9,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00
\$8.40	\$62,798.40	\$14.00	\$104,664.00	\$9.00	\$67,284.00
\$9.00	\$26,820.00	\$20.00	\$59,600.00	\$4.00	\$11,920.00
\$16.90	\$188,722.30	\$20.00	\$223,340.00	\$12.00	\$134,004.00
\$9.10	\$138,247.20	\$4.00	\$60,768.00	\$3.00	\$45,576.00
\$56.50	\$152,606.50	\$85.00	\$229,585.00	\$60.00	\$162,060.00
\$22.00	\$2,948.00	\$40.00	\$5,360.00	\$35.00	\$4,690.00
\$22.00	\$3,982.00	\$40.00	\$7,240.00	\$48.00	\$8,688.00
\$90.00	\$20,610.00	\$57.00	\$13,053.00	\$109.00	\$24,961.00
\$132.00	\$37,356.00	\$130.00	\$36,790.00	\$154.00	\$43,582.00
\$160.00	\$49,280.00	\$148.00	\$45,584.00	\$197.00	\$60,676.00
\$2,550.00	\$2,550.00	\$2,400.00	\$2,400.00	\$2,790.00	\$2,790.00
\$4,000.00	\$20,000.00	\$3,700.00	\$18,500.00	\$3,740.00	\$18,700.00
\$17.00	\$102,510.00	\$16.00	\$96,480.00	\$16.00	\$96,480.00
\$675.00	\$9,450.00	\$550.00	\$7,700.00	\$615.00	\$8,610.00
\$320.00	\$4,480.00	\$500.00	\$7,000.00	\$1,055.00	\$14,770.00
\$350.00	\$2,800.00	\$400.00	\$3,200.00	\$500.00	\$4,000.00
\$4,100.00	\$4,100.00	\$2,000.00	\$2,000.00	\$2,525.00	\$2,525.00
\$9,200.00	\$9,200.00	\$13,500.00	\$13,500.00	\$15,515.00	\$15,515.00
\$4,950.00	\$9,900.00	\$7,300.00	\$14,600.00	\$8,700.00	\$17,400.00
\$6,675.00	\$6,675.00	\$8,200.00	\$8,200.00	\$11,130.00	\$11,130.00
\$8,050.00	\$8,050.00	\$4,700.00	\$4,700.00	\$9,480.00	\$9,480.00
\$12,500.00	\$12,500.00	\$8,000.00	\$8,000.00	\$15,300.00	\$15,300.00
\$1,800.00	\$1,800.00	\$2,300.00	\$2,300.00	\$3,750.00	\$3,750.00
\$67.00	\$899,073.00	\$69.00	\$925,911.00	\$77.60	\$1,041,314.40
\$65.00	\$128,440.00	\$62.00	\$122,512.00	\$99.50	\$196,612.00
\$66.00	\$5,610.00	\$68.00	\$5,780.00	\$150.00	\$12,750.00
\$55.00	\$8,800.00	\$56.00	\$8,960.00	\$50.00	\$8,000.00
\$66.50	\$3,591.00	\$68.00	\$3,672.00	\$150.00	\$8,100.00
\$26.00	\$4,290.00	\$20.00	\$3,300.00	\$60.00	\$9,900.00
\$9.10	\$83,192.20	\$10.00	\$91,420.00	\$11.00	\$100,562.00
\$100.00	\$9,979.00	\$200.00	\$19,958.00	\$105.00	\$10,477.95
\$45.00	\$4,490.55	\$100.00	\$9,979.00	\$85.00	\$8,482.15
\$32,000.00	\$32,000.00	\$29,000.00	\$29,000.00	\$16,000.00	\$16,000.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
36	PORTABLE DYNAMIC MESSAGE SIGNS	182 CDAY	\$250.00	\$45,500.00	\$70.00	\$12,740.00	\$51.00	\$9,282.00	\$70.00	\$12,740.00
37	TRAFFIC SIGNS	164.5 SF	\$25.00	\$4,112.50	\$40.00	\$6,580.00	\$20.00	\$3,290.00	\$22.00	\$3,619.00
38	PERFORATED SQUARE STEEL TUBE POST PERFORATED SQUARE STEEL TUBE POST ANCHORS, SOIL INSTALLATION	321 LF	\$65.00	\$20,865.00	\$20.00	\$6,420.00	\$21.00	\$6,741.00	\$18.00	\$5,778.00
39	PERFORATED SQUARE STEEL TUBE POST ANCHORS, CONCRETE INSTALLATION	20 EA	\$65.00	\$1,300.00	\$150.00	\$3,000.00	\$51.00	\$1,020.00	\$100.00	\$2,000.00
40	REMOVE AND SALVAGE TRAFFIC SIGNS	12 EA	\$350.00	\$4,200.00	\$300.00	\$3,600.00	\$102.00	\$1,224.00	\$300.00	\$3,600.00
41	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 1	10 EA	\$100.00	\$1,000.00	\$150.00	\$1,500.00	\$180.00	\$1,800.00	\$75.00	\$750.00
42	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 4	7.6 ACRE	\$4,500.00	\$34,200.00	\$3,700.00	\$28,120.00	\$3,800.00	\$28,880.00	\$3,700.00	\$28,120.00
43	PLANTS	7.6 ACRE	\$1,000.00	\$7,600.00	\$1,800.00	\$13,680.00	\$1,850.00	\$14,060.00	\$1,800.00	\$13,680.00
44	RIVER LANDSCAPE ROCK	27 EA	\$20.00	\$540.00	\$30.00	\$810.00	\$35.00	\$945.00	\$30.00	\$810.00
45	STORMWATER POLLUTION PREVENTION	3.5 CY	\$50.00	\$175.00	\$300.00	\$1,050.00	\$320.00	\$1,120.00	\$300.00	\$1,050.00
46	WATTLE, INSTALLATION, 12 IN.	1 LS	\$5,000.00	\$5,000.00	\$6,600.00	\$6,600.00	\$6,800.00	\$6,800.00	\$6,600.00	\$6,600.00
47	WATTLE, REMOVAL	4093 LF	\$1.50	\$6,139.50	\$2.20	\$9,004.60	\$2.00	\$8,186.00	\$2.20	\$9,004.60
48	RIP RAP, CLASS E	4093 LF	\$1.00	\$4,093.00	\$0.20	\$818.60	\$1.00	\$4,093.00	\$0.20	\$818.60
49	RIP RAP, MACADAM STONE	66 TN	\$100.00	\$6,600.00	\$82.00	\$5,412.00	\$81.00	\$5,346.00	\$100.00	\$6,600.00
50	SILT FENCE, INSTALLATION	77 TN	\$60.00	\$4,620.00	\$68.00	\$5,236.00	\$80.00	\$6,160.00	\$80.00	\$6,160.00
51	SILT FENCE, MAINTENANCE	3245 LF	\$3.00	\$9,735.00	\$1.60	\$5,192.00	\$1.60	\$5,192.00	\$1.60	\$5,192.00
52	SILT FENCE, REMOVAL	3245 LF	\$2.00	\$6,490.00	\$0.01	\$32.45	\$0.20	\$649.00	\$0.25	\$811.25
53	EROSION CONTROL MULCHING, HYDROMULCHING	3245 LF	\$1.00	\$3,245.00	\$0.01	\$32.45	\$0.20	\$649.00	\$0.25	\$811.25
54	TURF REINFORCEMENT MATS, TYPE 4	15.2 ACRE	\$750.00	\$11,400.00	\$1,680.00	\$25,536.00	\$1,720.00	\$26,144.00	\$1,680.00	\$25,536.00
55	INLET PROTECTION DEVICE, INSTALLATION	830 SF	\$2.50	\$2,075.00	\$2.10	\$1,743.00	\$2.20	\$1,826.00	\$2.10	\$1,743.00
56	INLET PROTECTION DEVICE, MAINTENANCE	5 EA	\$150.00	\$750.00	\$160.00	\$800.00	\$170.00	\$850.00	\$160.00	\$800.00
57	TREE PROTECTION FENCE	5 EA	\$50.00	\$250.00	\$15.00	\$75.00	\$20.00	\$100.00	\$15.00	\$75.00
58	CONSTRUCTION SURVEY	250 LF	\$4.00	\$1,000.00	\$3.00	\$750.00	\$5.00	\$1,250.00	\$3.00	\$750.00
59	MOBILIZATION	1 LS	\$30,000.00	\$30,000.00	\$26,000.00	\$26,000.00	\$17,000.00	\$17,000.00	\$17,500.00	\$17,500.00
60	MAINTENANCE OF POSTAL SERVICE	1 LS	\$234,469.50	\$234,469.50	\$240,000.00	\$240,000.00	\$142,583.00	\$142,583.00	\$225,000.00	\$225,000.00
61	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00
62		1 LS	\$2,000.00	\$2,000.00	\$6,500.00	\$6,500.00	\$4,300.00	\$4,300.00	\$1,000.00	\$1,000.00
TOTAL CONSTRUCTION COST				\$3,150,000.00		\$2,489,762.75		\$2,525,252.00		\$2,600,336.50
PERCENT OF ENGINEER'S ESTIMATE						-20.96%		-19.83%		-17.45%

TABULATED BY: N. Smith APPROVED BY: 
CHECKED BY: 

CONTRACTOR'S BID TABULATION
PROJECT: E. ARMY POST ROAD AND SE 36TH STREET ROUNDABOUT

-----ESTIMATE-----

MPS Engineers, P.C. dba
Kingston Services, P.C.
Des Moines, IA

Jasper Construction
Services, Inc.
Newton, IA

Iowa Civil Contracting, Inc.
Victor, IA

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID PRICE

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING & GRUBBING	745.3 UNIT	\$20.00	\$14,906.00	\$22.00	\$16,396.60	\$11.00	\$8,198.30	\$36.92	\$27,516.48
2	CLEARING & GRUBBING	1 ACRE	\$10,000.00	\$10,000.00	\$9,350.00	\$9,350.00	\$17,500.00	\$17,500.00	\$21,453.50	\$21,453.50
3	TOPSOIL, ON SITE	7476 CY	\$12.00	\$89,712.00	\$7.60	\$56,817.60	\$7.25	\$54,201.00	\$11.99	\$89,637.24
4	EXCAVATION, CLASS 10, ROADWAY & BORROW	2980 CY	\$15.00	\$44,700.00	\$9.50	\$28,310.00	\$9.00	\$26,820.00	\$7.76	\$23,124.80
5	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	11167 CY	\$25.00	\$279,175.00	\$14.30	\$159,688.10	\$13.60	\$151,871.20	\$16.70	\$186,488.90
6	SUBGRADE PREPARATION, 12 IN.	15192 SY	\$5.00	\$75,960.00	\$2.70	\$41,018.40	\$3.00	\$45,576.00	\$2.68	\$40,714.56
7	MODIFIED SUBBASE, 6 IN.	2701 CY	\$70.00	\$189,070.00	\$48.30	\$130,458.30	\$60.00	\$162,060.00	\$46.98	\$126,892.98
8	REMOVAL OF EXISTING CULVERTS LESS THAN OR EQUAL TO 36 IN. DIA.	134 LF	\$25.00	\$3,350.00	\$10.50	\$1,407.00	\$10.00	\$1,340.00	\$36.12	\$4,840.08
9	REMOVAL OF EXISTING CULVERTS GREATER THAN 36 IN. DIA.	181 LF	\$30.00	\$5,430.00	\$21.00	\$3,801.00	\$20.00	\$3,620.00	\$33.60	\$6,081.60
10	STORM SEWER, TRENCHED, RCP, CLASS V, 15 IN.	229 LF	\$125.00	\$28,625.00	\$63.00	\$14,427.00	\$60.00	\$13,740.00	\$84.27	\$19,297.83
11	STORM SEWER, TRENCHED, RCP, CLASS III, 30 IN.	283 LF	\$160.00	\$45,280.00	\$93.50	\$26,460.50	\$89.00	\$25,187.00	\$128.40	\$36,337.20
12	STORM SEWER, TRENCHED, RCP, CLASS V, 30 IN.	308 LF	\$200.00	\$61,600.00	\$99.80	\$30,738.40	\$95.00	\$29,260.00	\$153.28	\$47,210.24
13	PIPE APRON, RCP, 15 IN.	1 EA	\$2,500.00	\$2,500.00	\$2,625.00	\$2,625.00	\$2,500.00	\$2,500.00	\$2,996.00	\$2,996.00
14	PIPE APRON, RCP, 30 IN.	5 EA	\$4,000.00	\$20,000.00	\$3,675.00	\$18,375.00	\$3,500.00	\$17,500.00	\$4,146.25	\$20,731.25
15	SUBDRAIN, PVC, 6 IN.	6030 LF	\$35.00	\$211,050.00	\$8.90	\$53,667.00	\$8.50	\$51,255.00	\$20.07	\$121,022.10
16	SUBDRAIN CLEANOUT, TYPE A-1	14 EA	\$850.00	\$11,900.00	\$577.50	\$8,085.00	\$550.00	\$7,700.00	\$1,417.75	\$19,848.50
17	SUBDRAIN CONNECTION TO INTAKE OR STORM SEWER	14 EA	\$500.00	\$7,000.00	\$294.00	\$4,116.00	\$280.00	\$3,920.00	\$428.00	\$5,992.00
18	SUBDRAIN OUTLET TO DITCH	8 EA	\$600.00	\$4,800.00	\$157.50	\$1,260.00	\$150.00	\$1,200.00	\$225.77	\$1,806.16
19	CLEANING, INSPECTION, AND TESTING OF SEWERS	1 LS	\$5,000.00	\$5,000.00	\$3,675.00	\$3,675.00	\$3,500.00	\$3,500.00	\$5,564.00	\$5,564.00
20	FIRE HYDRANT ASSEMBLY	1 EA	\$10,000.00	\$10,000.00	\$8,925.00	\$8,925.00	\$8,500.00	\$8,500.00	\$17,414.25	\$17,414.25
21	MANHOLE, SW-401, 60 IN.	2 EA	\$7,000.00	\$14,000.00	\$6,300.00	\$12,600.00	\$6,000.00	\$12,000.00	\$7,784.25	\$15,568.50
22	MANHOLE, SW-401, 72 IN.	1 EA	\$10,000.00	\$10,000.00	\$8,295.00	\$8,295.00	\$7,900.00	\$7,900.00	\$9,362.50	\$9,362.50
23	INTAKE, SW-505	1 EA	\$8,000.00	\$8,000.00	\$2,940.00	\$2,940.00	\$2,800.00	\$2,800.00	\$6,580.50	\$6,580.50
24	INTAKE, SW-506	1 EA	\$9,000.00	\$9,000.00	\$5,040.00	\$5,040.00	\$4,800.00	\$4,800.00	\$9,389.25	\$9,389.25
25	INTAKE, SW-512, 24 IN.	1 EA	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$1,550.00	\$1,550.00	\$2,915.75	\$2,915.75
26	PAVEMENT, PCC, CLASS C, 9 IN.	13419 SY	\$80.00	\$1,073,520.00	\$88.00	\$1,180,872.00	\$90.00	\$1,207,710.00	\$92.10	\$1,235,889.90
27	CONCRETE MEDIAN, TIED	1976 SY	\$125.00	\$247,000.00	\$76.00	\$150,176.00	\$100.00	\$197,600.00	\$112.69	\$222,675.44
28	SIDEWALK, PCC, 6-IN.	85 SY	\$60.00	\$5,100.00	\$75.00	\$6,375.00	\$120.00	\$10,200.00	\$111.28	\$9,458.80
29	DETECTABLE WARNINGS	160 SF	\$60.00	\$9,600.00	\$55.00	\$8,800.00	\$65.00	\$10,400.00	\$58.85	\$9,416.00
30	DRIVEWAY, PAVED, PCC, 6 IN.	54 SY	\$65.00	\$3,510.00	\$60.00	\$3,240.00	\$120.00	\$6,480.00	\$107.00	\$5,778.00
31	GRANULAR SURFACING, 6 IN.	165 SY	\$35.00	\$5,775.00	\$15.80	\$2,607.00	\$20.00	\$3,300.00	\$17.66	\$2,913.90
32	PAVEMENT REMOVAL	9142 SY	\$15.00	\$137,130.00	\$7.90	\$72,221.80	\$14.00	\$127,988.00	\$6.21	\$56,771.82
33	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	99.79 STA	\$200.00	\$19,958.00	\$200.00	\$19,958.00	\$105.00	\$10,477.95	\$112.35	\$11,211.41
34	GROOVES CUT FOR PAVEMENT MARKINGS	99.79 STA	\$50.00	\$4,989.50	\$100.00	\$9,979.00	\$85.00	\$8,482.15	\$90.95	\$9,075.90
35	TRAFFIC CONTROL	1 LS	\$30,000.00	\$30,000.00	\$29,140.00	\$29,140.00	\$16,000.00	\$16,000.00	\$17,120.00	\$17,120.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
36	PORTABLE DYNAMIC MESSAGE SIGNS	182 CDAY	\$250.00	\$45,500.00	\$77.00	\$14,014.00	\$70.00	\$12,740.00	\$74.90	\$13,631.80
37	TRAFFIC SIGNS	164.5 SF	\$25.00	\$4,112.50	\$25.00	\$4,112.50	\$22.00	\$3,619.00	\$23.54	\$3,872.33
38	PERFORATED SQUARE STEEL TUBE POST	321 LF	\$65.00	\$20,865.00	\$35.00	\$11,235.00	\$18.00	\$5,778.00	\$19.26	\$6,182.46
39	PERFORATED SQUARE STEEL TUBE POST ANCHORS, SOIL INSTALLATION	20 EA	\$65.00	\$1,300.00	\$55.00	\$1,100.00	\$100.00	\$2,000.00	\$107.00	\$2,140.00
40	PERFORATED SQUARE STEEL TUBE POST ANCHORS, CONCRETE INSTALLATION	12 EA	\$350.00	\$4,200.00	\$325.00	\$3,900.00	\$300.00	\$3,600.00	\$321.00	\$3,852.00
41	REMOVE AND SALVAGE TRAFFIC SIGNS	10 EA	\$100.00	\$1,000.00	\$190.00	\$1,900.00	\$75.00	\$750.00	\$80.25	\$802.50
42	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 1	7.6 ACRE	\$4,500.00	\$34,200.00	\$3,800.00	\$28,880.00	\$1,700.00	\$12,920.00	\$3,959.00	\$30,088.40
43	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 4	7.6 ACRE	\$1,000.00	\$7,600.00	\$2,000.00	\$15,200.00	\$750.00	\$5,700.00	\$1,926.00	\$14,637.60
44	PLANTS	27 EA	\$20.00	\$540.00	\$20.00	\$540.00	\$75.00	\$2,025.00	\$32.10	\$866.70
45	RIVER LANDSCAPE ROCK	3.5 CY	\$50.00	\$175.00	\$50.00	\$175.00	\$550.00	\$1,925.00	\$321.00	\$1,123.50
46	STORMWATER POLLUTION PREVENTION	1 LS	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,062.00	\$7,062.00
47	WATTLE, INSTALLATION, 12 IN.	4093 LF	\$1.50	\$6,139.50	\$2.30	\$9,413.90	\$2.75	\$11,255.75	\$2.36	\$9,659.48
48	WATTLE, REMOVAL	4093 LF	\$1.00	\$4,093.00	\$0.25	\$1,023.25	\$0.50	\$2,046.50	\$0.22	\$900.46
49	RIP RAP, CLASS E	66 TN	\$100.00	\$6,600.00	\$68.30	\$4,507.80	\$65.00	\$4,290.00	\$93.90	\$6,197.40
50	RIP RAP, MACADAM STONE	77 TN	\$60.00	\$4,620.00	\$67.20	\$5,174.40	\$64.00	\$4,928.00	\$95.23	\$7,332.71
51	SILT FENCE, INSTALLATION	3245 LF	\$3.00	\$9,735.00	\$1.85	\$6,003.25	\$2.10	\$6,814.50	\$1.72	\$5,581.40
52	SILT FENCE, MAINTENANCE	3245 LF	\$2.00	\$6,490.00	\$0.01	\$32.45	\$0.01	\$32.45	\$0.02	\$64.90
53	SILT FENCE, REMOVAL	3245 LF	\$1.00	\$3,245.00	\$0.01	\$32.45	\$0.50	\$1,622.50	\$0.02	\$64.90
54	EROSION CONTROL MULCHING, HYDROMULCHING	15.2 ACRE	\$750.00	\$11,400.00	\$1,700.00	\$25,840.00	\$2,400.00	\$36,480.00	\$1,797.60	\$27,323.52
55	TURF REINFORCEMENT MATS, TYPE 4	830 SF	\$2.50	\$2,075.00	\$2.50	\$2,075.00	\$2.50	\$2,075.00	\$2.25	\$1,867.50
56	INLET PROTECTION DEVICE, INSTALLATION	5 EA	\$150.00	\$750.00	\$150.00	\$750.00	\$50.00	\$250.00	\$171.20	\$856.00
57	INLET PROTECTION DEVICE, MAINTENANCE	5 EA	\$50.00	\$250.00	\$10.00	\$50.00	\$1.00	\$5.00	\$16.05	\$80.25
58	TREE PROTECTION FENCE	250 LF	\$4.00	\$1,000.00	\$4.00	\$1,000.00	\$0.01	\$2.50	\$3.21	\$802.50
59	CONSTRUCTION SURVEY	1 LS	\$30,000.00	\$30,000.00	\$32,200.00	\$32,200.00	\$16,000.00	\$16,000.00	\$35,310.00	\$35,310.00
60	MOBILIZATION	1 LS	\$234,469.50	\$234,469.50	\$312,000.00	\$312,000.00	\$260,000.00	\$260,000.00	\$90,000.00	\$90,000.00
61	MAINTENANCE OF POSTAL SERVICE	1 LS	\$2,000.00	\$2,000.00	\$1,100.00	\$1,100.00	\$100.00	\$100.00	\$5,000.00	\$5,000.00
62	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,000.00	\$2,000.00	\$3,200.00	\$3,200.00	\$100.00	\$100.00	\$5,000.00	\$5,000.00
	TOTAL CONSTRUCTION COST			\$3,150,000.00		\$2,627,803.70		\$2,667,695.80		\$2,729,397.65
	PERCENT OF ENGINEER'S ESTIMATE					-16.58%		-15.31%		-13.35%

TABULATED BY: N. Smith APPROVED BY: *Phillip J. Wagen*
CHECKED BY: *[Signature]*

CONTRACTOR'S BID TABULATION
PROJECT: E. ARMY POST ROAD AND SE 36TH STREET ROUNDABOUT

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING & GRUBBING	745.3 UNIT	\$20.00	\$14,906.00	\$35.00	\$26,085.50
2	CLEARING & GRUBBING	1 ACRE	\$10,000.00	\$10,000.00	\$45,000.00	\$45,000.00
3	TOPSOIL, ON SITE	7476 CY	\$12.00	\$89,712.00	\$9.00	\$67,284.00
4	EXCAVATION, CLASS 10, ROADWAY & BORROW	2980 CY	\$15.00	\$44,700.00	\$4.50	\$13,410.00
5	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	11167 CY	\$25.00	\$279,175.00	\$11.50	\$128,420.50
6	SUBGRADE PREPARATION, 12 IN.	15192 SY	\$5.00	\$75,960.00	\$2.25	\$34,182.00
7	MODIFIED SUBBASE, 6 IN.	2701 CY	\$70.00	\$189,070.00	\$58.00	\$156,658.00
8	REMOVAL OF EXISTING CULVERTS LESS THAN OR EQUAL TO 36 IN. DIA.	134 LF	\$25.00	\$3,350.00	\$30.00	\$4,020.00
9	REMOVAL OF EXISTING CULVERTS GREATER THAN 36 IN. DIA.	181 LF	\$30.00	\$5,430.00	\$35.00	\$6,335.00
10	STORM SEWER, TRENCHED, RCP, CLASS V, 15 IN.	229 LF	\$125.00	\$28,625.00	\$120.00	\$27,480.00
11	STORM SEWER, TRENCHED, RCP, CLASS III, 30 IN.	283 LF	\$160.00	\$45,280.00	\$130.00	\$36,790.00
12	STORM SEWER, TRENCHED, RCP, CLASS V, 30 IN.	308 LF	\$200.00	\$61,600.00	\$165.00	\$50,820.00
13	PIPE APRON, RCP, 15 IN.	1 EA	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
14	PIPE APRON, RCP, 30 IN.	5 EA	\$4,000.00	\$20,000.00	\$5,500.00	\$27,500.00
15	SUBDRAIN, PVC, 6 IN.	6030 LF	\$35.00	\$211,050.00	\$15.50	\$93,465.00
16	SUBDRAIN CLEANOUT, TYPE A-1	14 EA	\$850.00	\$11,900.00	\$700.00	\$9,800.00
17	SUBDRAIN CONNECTION TO INTAKE OR STORM SEWER	14 EA	\$500.00	\$7,000.00	\$400.00	\$5,600.00
18	SUBDRAIN OUTLET TO DITCH	8 EA	\$600.00	\$4,800.00	\$1,000.00	\$8,000.00
19	CLEANING, INSPECTION, AND TESTING OF SEWERS	1 LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
20	FIRE HYDRANT ASSEMBLY	1 EA	\$10,000.00	\$10,000.00	\$12,500.00	\$12,500.00
21	MANHOLE, SW-401, 60 IN.	2 EA	\$7,000.00	\$14,000.00	\$10,000.00	\$20,000.00
22	MANHOLE, SW-401, 72 IN.	1 EA	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00
23	INTAKE, SW-505	1 EA	\$8,000.00	\$8,000.00	\$8,500.00	\$8,500.00
24	INTAKE, SW-506	1 EA	\$9,000.00	\$9,000.00	\$9,500.00	\$9,500.00
25	INTAKE, SW-512, 24 IN.	1 EA	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00
26	PAVEMENT, PCC, CLASS C, 9 IN.	13419 SY	\$80.00	\$1,073,520.00	\$90.00	\$1,207,710.00
27	CONCRETE MEDIAN, TIED	1976 SY	\$125.00	\$247,000.00	\$100.00	\$197,600.00
28	SIDEWALK, PCC, 6-IN.	85 SY	\$60.00	\$5,100.00	\$125.00	\$10,625.00
29	DETECTABLE WARNINGS	160 SF	\$60.00	\$9,600.00	\$50.00	\$8,000.00
30	DRIVEWAY, PAVED, PCC, 6 IN.	54 SY	\$65.00	\$3,510.00	\$100.00	\$5,400.00
31	GRANULAR SURFACING, 6 IN.	165 SY	\$35.00	\$5,775.00	\$20.00	\$3,300.00
32	PAVEMENT REMOVAL	9142 SY	\$15.00	\$137,130.00	\$10.00	\$91,420.00
33	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	99.79 STA	\$200.00	\$19,958.00	\$120.00	\$11,974.80
34	GROOVES CUT FOR PAVEMENT MARKINGS	99.79 STA	\$50.00	\$4,989.50	\$100.00	\$9,979.00
35	TRAFFIC CONTROL	1 LS	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00

TK Concrete, Inc.
Pella, IA

BID SECURITY
10% Bid Bond

BID PRICE

Sternquist Construction,
Inc.
Indianola, IA

BID SECURITY
10% Bid Bond

BID PRICE

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

BID SECURITY
10% Bid Bond

BID PRICE

Bid not read. Bidder used
invalid Proposal Form to
submit bid unit prices.

Bid not read. Bidder did not
complete the Targeted Small
Business Solicitation
Requirements.

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
36	PORTABLE DYNAMIC MESSAGE SIGNS	182 CDAY	\$250.00	\$45,500.00	\$85.00	\$15,470.00				
37	TRAFFIC SIGNS	164.5 SF	\$25.00	\$4,112.50	\$28.00	\$4,606.00				
38	PERFORATED SQUARE STEEL TUBE POST	321 LF	\$65.00	\$20,865.00	\$22.00	\$7,062.00				
39	PERFORATED SQUARE STEEL TUBE POST ANCHORS, SOIL INSTALLATION	20 EA	\$65.00	\$1,300.00	\$125.00	\$2,500.00				
40	PERFORATED SQUARE STEEL TUBE POST ANCHORS, CONCRETE INSTALLATION	12 EA	\$350.00	\$4,200.00	\$350.00	\$4,200.00				
41	REMOVE AND SALVAGE TRAFFIC SIGNS	10 EA	\$100.00	\$1,000.00	\$100.00	\$1,000.00				
42	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 1	7.6 ACRE	\$4,500.00	\$34,200.00	\$2,000.00	\$15,200.00				
43	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 4	7.6 ACRE	\$1,000.00	\$7,600.00	\$900.00	\$6,840.00				
44	PLANTS	27 EA	\$20.00	\$540.00	\$100.00	\$2,700.00				
45	RIVER LANDSCAPE ROCK	3.5 CY	\$50.00	\$175.00	\$750.00	\$2,625.00				
46	STORMWATER POLLUTION PREVENTION	1 LS	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00				
47	WATTLE, INSTALLATION, 12 IN.	4093 LF	\$1.50	\$6,139.50	\$3.00	\$12,279.00				
48	WATTLE, REMOVAL	4093 LF	\$1.00	\$4,093.00	\$0.75	\$3,069.75				
49	RIP RAP, CLASS E	66 TN	\$100.00	\$6,600.00	\$100.00	\$6,600.00				
50	RIP RAP, MACADAM STONE	77 TN	\$60.00	\$4,620.00	\$75.00	\$5,775.00				
51	SILT FENCE, INSTALLATION	3245 LF	\$3.00	\$9,735.00	\$2.40	\$7,788.00				
52	SILT FENCE, MAINTENANCE	3245 LF	\$2.00	\$6,490.00	\$0.75	\$2,433.75				
53	SILT FENCE, REMOVAL	3245 LF	\$1.00	\$3,245.00	\$0.75	\$2,433.75				
54	EROSION CONTROL MULCHING, HYDROMULCHING	15.2 ACRE	\$750.00	\$11,400.00	\$2,640.00	\$40,128.00				
55	TURF REINFORCEMENT MATS, TYPE 4	830 SF	\$2.50	\$2,075.00	\$3.00	\$2,490.00				
56	INLET PROTECTION DEVICE, INSTALLATION	5 EA	\$150.00	\$750.00	\$400.00	\$2,000.00				
57	INLET PROTECTION DEVICE, MAINTENANCE	5 EA	\$50.00	\$250.00	\$250.00	\$1,250.00				
58	TREE PROTECTION FENCE	250 LF	\$4.00	\$1,000.00	\$6.00	\$1,500.00				
59	CONSTRUCTION SURVEY	1 LS	\$30,000.00	\$30,000.00	\$16,250.00	\$16,250.00				
60	MOBILIZATION	1 LS	\$234,469.50	\$234,469.50	\$350,000.00	\$350,000.00				
61	MAINTENANCE OF POSTAL SERVICE	1 LS	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00				
62	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00				
	TOTAL CONSTRUCTION COST			\$3,150,000.00		\$2,909,059.05				
	PERCENT OF ENGINEER'S ESTIMATE									-7.65%