



Date February 19, 2024

**PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS,
FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON
63RD STREET TRAIL FROM SW MCKINLEY AVENUE TO THE RACCOON RIVER;
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE
BIDDER AS CORELL CONTRACTOR, INC., GRANT S. CORELL, PRESIDENT, \$1,353,557.76**

WHEREAS, on January 08, 2024, under Roll Call No. 24-0019, 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:

63rd Street Trail from SW McKinley Avenue to the Raccoon River, Activity ID 042022015

The improvement includes clearing and grubbing, removals, earthwork, grading, subbase, storm sewer, placement of a 6-inch thick Portland Cement Concrete (PCC) trail, PCC sidewalk, traffic control, traffic signalization, pavement markings, erosion control, restoration, seeding, and miscellaneous associated work to complete the project, all in accordance with the contract documents, including Plan File No. 660-262/427 located along SW 63rd Street from SW McKinley Avenue to the Raccoon River 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:

- Corell Contractor, Inc., West Des Moines, IA - Low Bid
- RW Excavating Solutions, LC, Prairie City, IA
- Absolute Concrete Construction, Inc. d/b/a Absolute Group, Slater, IA
- Berkey Homebuilders, Inc. dba Concrete Professionals, Altoona, IA
- MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, IA
- Shekar Engineering, P.L.C., Des Moines, IA
- TK Concrete, Inc., Pella, IA
- Howser Concrete Unlimited, Jordan, MN
- Brothers Cleaning Corporation d/b/a Brothers Concrete, Des Moines, IA - Bid not read due to missing page 10 of the proposal.



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which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on January 23, 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 Corell Contractor, Inc., Grant S. Corell, President, 1300 Lincoln Street, West Des Moines, IA, 50265 in the amount of \$1,353,557.76, 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 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. 24-069 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: 2023-24 CIP, Page 124, Active Transportation, ST269, Being: \$1,272,000 G.O. bonds and the remaining \$81,557.76 in G.O. bonds transferred from ST263



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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
COLEMAN				
GATTO				
MANDELBAUM				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APPROVED	

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.

Mayor

City Clerk

50

TABULATED BY: N. SMITH
CHECKED BY: *[Signature]*

APPROVED BY: *[Signature: Phillip J. Wagen]*

Corell Contractor, Inc.
West Des Moines, IA

RW Excavating Solutions,
LC
Prairie City, IA

Absolute Concrete
Construction, Inc. dba
Absolute Group
Granger, IA

Berkey Homebuilders, Inc.
dba Concrete
Professionals
Altoona, IA

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

CONTRACTOR'S BID TABULATION

PROJECT: 63RD STREET TRAIL FROM SW MCKINLEY AVENUE TO THE RACCOON RIVER

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT		UNIT		
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
1	CLEARING AND GRUBBING	100.9	UNIT	\$150.00	\$15,135.00	\$114.00	\$11,502.60	\$30.00	\$3,027.00	\$160.00	\$16,144.00	\$165.00	\$16,648.50	\$126.00	\$12,713.40
2	TOPSOIL, ON-SITE	3760	CY	\$30.00	\$112,800.00	\$8.00	\$30,080.00	\$7.50	\$28,200.00	\$15.25	\$57,340.00	\$13.20	\$49,632.00	\$24.00	\$90,240.00
3	EXCAVATION, CLASS 10	6979	CY	\$12.00	\$83,748.00	\$19.50	\$136,090.50	\$18.00	\$125,622.00	\$11.50	\$80,258.50	\$23.25	\$162,261.75	\$16.50	\$115,153.50
4	SUBBASE, MODIFIED SUBBASE, 6 IN.	7236	SY	\$15.00	\$108,540.00	\$10.50	\$75,978.00	\$12.00	\$86,832.00	\$14.50	\$104,922.00	\$9.25	\$66,933.00	\$12.75	\$92,259.00
5	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 15 IN.	173	LF	\$100.00	\$17,300.00	\$133.00	\$23,009.00	\$40.00	\$6,920.00	\$94.00	\$16,262.00	\$147.50	\$25,517.50	\$98.00	\$16,954.00
6	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 24 IN.	233	LF	\$125.00	\$29,125.00	\$110.00	\$25,630.00	\$70.00	\$16,310.00	\$112.00	\$26,096.00	\$152.50	\$35,532.50	\$106.00	\$24,698.00
7	REMOVAL OF STORM SEWER, LESS THAN OR EQUAL TO 36 IN.	26	LF	\$25.00	\$650.00	\$45.00	\$1,170.00	\$30.00	\$780.00	\$45.00	\$1,170.00	\$38.50	\$1,021.50	\$25.00	\$650.00
8	PIPE CULVERT, TRENCHED, CMP, 24 IN.	127	LF	\$100.00	\$12,700.00	\$110.00	\$13,970.00	\$65.00	\$8,255.00	\$94.00	\$11,938.00	\$154.00	\$19,558.00	\$88.00	\$11,176.00
9	PIPE APRON, CMP, 24 IN.	2	EA	\$1,000.00	\$2,000.00	\$2,200.00	\$4,400.00	\$500.00	\$1,000.00	\$1,800.00	\$3,600.00	\$2,575.00	\$5,150.00	\$1,284.00	\$2,568.00
10	PIPE APRON, RCP, 15 IN.	3	EA	\$1,600.00	\$4,800.00	\$2,390.00	\$7,170.00	\$1,800.00	\$5,400.00	\$3,050.00	\$9,150.00	\$2,875.00	\$8,625.00	\$1,875.00	\$5,625.00
11	PIPE APRON, RCP, 24 IN.	2	EA	\$2,150.00	\$4,300.00	\$3,075.00	\$6,150.00	\$3,200.00	\$6,400.00	\$4,220.00	\$8,440.00	\$3,725.00	\$7,450.00	\$2,450.00	\$4,900.00
12	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 IN. DIA.	2	EA	\$750.00	\$1,500.00	\$180.00	\$360.00	\$360.00	\$720.00	\$515.00	\$1,030.00	\$990.00	\$1,980.00	\$650.00	\$1,300.00
13	MANHOLE, SW-401, 48 IN.	2	EA	\$7,000.00	\$14,000.00	\$5,200.00	\$10,400.00	\$2,600.00	\$5,200.00	\$5,335.00	\$10,670.00	\$6,150.00	\$12,300.00	\$5,500.00	\$11,000.00
14	MANHOLE, SW-406, 4'x4'	2	EA	\$5,000.00	\$10,000.00	\$6,320.00	\$12,640.00	\$6,500.00	\$13,000.00	\$10,800.00	\$21,600.00	\$11,825.00	\$23,650.00	\$7,500.00	\$15,000.00
15	INTAKE, SW-511	1	EA	\$6,000.00	\$6,000.00	\$4,650.00	\$4,650.00	\$4,600.00	\$4,600.00	\$5,500.00	\$5,500.00	\$7,725.00	\$7,725.00	\$9,000.00	\$9,000.00
16	INTAKE, SW-512, 24 IN.	1	EA	\$2,750.00	\$2,750.00	\$3,880.00	\$11,640.00	\$3,300.00	\$6,900.00	\$2,475.00	\$7,425.00	\$3,540.00	\$10,620.00	\$2,750.00	\$8,250.00
17	INTAKE, SW-512, 36 IN.	2	EA	\$4,000.00	\$8,000.00	\$6,320.00	\$12,640.00	\$2,600.00	\$5,200.00	\$3,650.00	\$7,300.00	\$5,450.00	\$10,900.00	\$3,750.00	\$7,500.00
18	PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 8 IN. OR 10 IN.	265.6	SY	\$100.00	\$26,560.00	\$105.00	\$27,888.00	\$65.00	\$17,264.00	\$138.00	\$36,652.80	\$220.00	\$58,432.00	\$112.00	\$29,742.00
19	CONCRETE MEDIAN, DOWELED, 6 IN.	8.2	SY	\$150.00	\$1,230.00	\$154.00	\$1,262.80	\$150.00	\$1,230.00	\$115.00	\$943.00	\$420.00	\$3,444.00	\$85.00	\$697.00
20	REMOVAL OF SIDEWALK	186.4	SY	\$15.00	\$2,796.00	\$16.00	\$2,982.40	\$20.00	\$3,728.00	\$15.50	\$2,889.20	\$14.25	\$2,656.20	\$18.00	\$3,355.20
21	SHARED USE PATH, PCC, 6 IN.	5837.8	SY	\$50.00	\$291,890.00	\$44.15	\$257,738.87	\$58.00	\$338,582.40	\$52.50	\$306,484.50	\$64.75	\$377,997.55	\$47.00	\$274,376.60
22	SIDEWALK, PCC, 4 IN.	526.9	SY	\$65.00	\$34,248.50	\$55.75	\$29,374.68	\$55.00	\$28,979.50	\$57.80	\$30,454.82	\$112.50	\$59,276.25	\$65.00	\$34,248.50
23	SIDEWALK, PCC, 6 IN.	435.6	SY	\$90.00	\$39,204.00	\$68.80	\$29,969.28	\$55.00	\$23,958.00	\$63.00	\$27,442.80	\$136.50	\$59,459.40	\$90.00	\$39,204.00
24	SIDEWALK, PCC, 8 IN.	22	SY	\$100.00	\$2,200.00	\$145.50	\$3,201.00	\$65.00	\$1,430.00	\$84.00	\$1,848.00	\$152.50	\$3,355.00	\$80.00	\$1,760.00
25	DETECTABLE WARNINGS, CAST-IRON	344	SF	\$60.00	\$20,640.00	\$56.50	\$19,436.00	\$55.00	\$18,920.00	\$63.00	\$21,672.00	\$46.00	\$15,824.00	\$56.00	\$19,264.00
26	PAVEMENT REMOVAL	231.3	SY	\$15.00	\$3,469.50	\$24.00	\$5,551.20	\$20.00	\$4,626.00	\$29.50	\$6,823.35	\$14.25	\$3,296.03	\$15.00	\$3,469.50
27	TRAFFIC SIGNALIZATION	1	LS	\$136,059.75	\$136,059.75	\$83,800.00	\$83,800.00	\$123,200.00	\$123,200.00	\$107,225.00	\$107,225.00	\$83,625.00	\$83,625.00	\$82,500.00	\$82,500.00
28	PAVEMENT MARKINGS, DURABLE	26.57	STA	\$400.00	\$10,628.00	\$247.50	\$6,576.08	\$500.00	\$13,285.00	\$236.00	\$6,270.52	\$350.00	\$9,299.50	\$400.00	\$10,628.00
29	GROOVES CUT FOR PAVEMENT MARKINGS	26.57	STA	\$200.00	\$5,314.00	\$192.50	\$5,114.73	\$200.00	\$5,314.00	\$185.00	\$4,915.45	\$220.00	\$5,845.40	\$200.00	\$5,314.00
30	TEMPORARY TRAFFIC CONTROL	1	LS	\$15,000.00	\$15,000.00	\$8,250.00	\$8,250.00	\$19,500.00	\$19,500.00	\$7,875.00	\$19,875.00	\$19,875.00	\$19,875.00	\$30,900.00	\$30,900.00
31	PERFORATED SQUARE STEEL TUBE POST ANCHORS	4	EA	\$500.00	\$2,000.00	\$192.50	\$770.00	\$500.00	\$2,000.00	\$185.00	\$740.00	\$550.00	\$2,200.00	\$500.00	\$2,000.00
32	REMOVE AND REINSTALL TRAFFIC SIGNS	2	EA	\$400.00	\$800.00	\$385.00	\$770.00	\$250.00	\$500.00	\$370.00	\$740.00	\$650.00	\$1,300.00	\$400.00	\$800.00
33	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 1 (PERMANENT LAWN MIXTURE)	2.1	ACRE	\$4,500.00	\$9,450.00	\$2,730.00	\$5,733.00	\$1,200.00	\$2,520.00	\$2,600.00	\$5,460.00	\$5,800.00	\$12,180.00	\$2,900.00	\$6,090.00
34	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 2 (PERMANENT COOL SEASON MIXTURE FOR SLOPES AND DITCHES)	0.8	ACRE	\$4,000.00	\$3,200.00	\$1,995.00	\$1,596.00	\$1,200.00	\$960.00	\$1,900.00	\$1,520.00	\$5,550.00	\$4,440.00	\$2,100.00	\$1,680.00
35	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 6 (SALT-RESISTANT MIXTURE)	1.84	ACRE	\$4,750.00	\$8,740.00	\$3,150.00	\$5,796.00	\$1,600.00	\$2,944.00	\$3,000.00	\$5,520.00	\$6,125.00	\$11,270.00	\$3,100.00	\$5,704.00
36	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING (BFM), TYPE 4 (URBAN TEMPORARY EROSION CONTROL MIXTURE)	4.74	ACRE	\$5,000.00	\$23,700.00	\$3,675.00	\$17,419.50	\$3,500.00	\$16,590.00	\$3,500.00	\$16,590.00	\$3,630.00	\$17,206.20	\$3,500.00	\$16,590.00
37	WATERING	85	MGAL	\$50.00	\$4,250.00	\$63.00	\$5,355.00	\$42.80	\$3,638.00	\$60.00	\$5,100.00	\$90.00	\$7,650.00	\$52.00	\$4,420.00
38	STORMWATER POLLUTION PREVENTION	1	LS	\$7,000.00	\$7,000.00	\$8,085.00	\$8,085.00	\$5,275.00	\$5,275.00	\$7,700.00	\$7,700.00	\$5,225.00	\$5,225.00	\$5,500.00	\$5,500.00
39	FILTER SOCK, 9 IN. DIA	9180	LF	\$2.25	\$20,655.00	\$1.68	\$15,422.40	\$2.50	\$22,950.00	\$1.60	\$14,688.00	\$2.00	\$18,360.00	\$2.25	\$20,655.00
40	FILTER SOCK REMOVAL	9180	LF	\$0.60	\$5,508.00	\$0.16	\$1,468.80	\$0.50	\$4,590.00	\$0.15	\$1,377.00	\$0.50	\$4,590.00	\$0.35	\$3,213.00
41	TEMPORARY RECP, TYPE 2.B	10309	SY	\$2.25	\$23,195.25	\$2.10	\$21,648.90	\$2.30	\$23,710.70	\$2.00	\$20,618.00	\$2.60	\$26,803.40	\$1.65	\$17,009.85
42	EROSION STONE	72	TON	\$65.00	\$4,680.00	\$68.00	\$4,896.00	\$60.00	\$4,320.00	\$69.00	\$4,968.00	\$74.00	\$5,328.00	\$65.00	\$4,680.00
43	TURF REINFORCEMENT MATS (TRM), TYPE 1	248	SQ	\$40.00	\$9,920.00	\$5.25	\$1,302.00	\$40.00	\$9,920.00	\$5.00	\$1,240.00	\$42.90	\$10,639.20	\$52.00	\$12,896.00
44	INLET PROTECTION DEVICE	7	EA	\$250.00	\$1,750.00	\$210.00	\$1,470.00	\$150.00	\$1,050.00	\$200.00	\$1,400.00	\$195.00	\$1,365.00	\$200.00	\$1,400.00
45	INLET PROTECTION DEVICE, MAINTENANCE	14	EA	\$100.00	\$1,400.00	\$26.25	\$367.50	\$50.00	\$700.00	\$25.00	\$350.00	\$38.00	\$532.00	\$30.00	\$420.00
46	MOWING	11.82	ACRE	\$1,000.00	\$11,820.00	\$131.00	\$1,548.42	\$300.00	\$3,540.00	\$125.00	\$1,477.50	\$92.50	\$1,093.35	\$200.00	\$2,364.00
47	CHAIN LINK FENCE, BLACK VINYL COATED, 48 IN.	780	LF	\$50.00	\$39,000.00	\$23.25	\$18,135.00	\$23.40	\$18,252.00	\$23.00	\$17,940.00	\$23.25	\$18,135.00	\$23.25	\$18,135.00
48	TEMPORARY FENCE, TREE PROTECTION	2268	LF	\$6.50	\$14,742.00	\$4.20	\$9,525.60	\$2.50	\$5,670.00	\$4.00	\$9,072.00	\$3.85	\$8,731.80	\$6.50	\$14,742.00
49	MODULAR BLOCK RETAINING WALL	291	SF	\$45.00	\$13,095.00	\$49.00	\$14,259.00	\$18.20	\$5,296.20	\$59.50	\$17,314.50	\$43.90	\$12,774.90	\$42.00	\$12,222.00
50	SEGMENTAL BLOCK RETAINING WALL	4683	SF	\$50.00	\$234,150.00	\$61.50	\$288,004.50	\$64.80	\$303,458.40	\$71.50	\$334,834.50	\$62.50	\$292,687.50	\$67.00	\$313,761.00

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	UNIT		UNIT		UNIT		UNIT		UNIT		UNIT	
			<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>
51	CONSTRUCTION SURVEY	1 LS	\$50,000.00	\$50,000.00	\$11,000.00	\$11,000.00	\$8,000.00	\$8,000.00	\$25,000.00	\$25,000.00	\$7,700.00	\$7,700.00	\$32,000.00	\$32,000.00
52	MOBILIZATION	1 LS	\$199,857.00	\$199,857.00	\$47,500.00	\$47,500.00	\$60,000.00	\$60,000.00	\$30,000.00	\$30,000.00	\$60,700.07	\$60,700.07	\$253,750.00	\$253,750.00
53	CONCRETE WASHOUT	1 LS	\$5,000.00	\$5,000.00	\$2,860.00	\$2,860.00	\$1,200.00	\$1,200.00	\$2,800.00	\$2,800.00	\$2,750.00	\$2,750.00	\$7,500.00	\$7,500.00
TOTAL CONSTRUCTION COST				\$1,722,000.00		\$1,353,557.76		\$1,431,483.20		\$1,476,791.44		\$1,701,531.00		\$1,721,982.75
PERCENT OF ENGINEER'S ESTIMATE						-21.40%		-16.87%		-14.24%		-1.19%		+0.00%
						Low								

TABULATED BY: N. SMITH
CHECKED BY: *[Signature]*

APPROVED BY: *[Signature: Phillip J. Wagen]*

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

TK Concrete, Inc.
Pella, IA

Howser Concrete Unlimited
Urbandale, IA

Brothers Cleaning
Corporation dba Brothers
Concrete
Des Moines, IA

CONTRACTOR'S BID TABULATION

PROJECT: 63RD STREET TRAIL FROM SW MCKINLEY AVENUE TO THE RACCOON RIVER

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

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10% Bid Bond

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT		
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
1	CLEARING AND GRUBBING	100.9	UNIT	\$150.00	\$15,135.00	\$161.28	\$16,273.15	\$140.00	\$14,126.00	\$126.00	\$12,713.40		
2	TOPSOIL, ON-SITE	3760	CY	\$30.00	\$112,800.00	\$14.40	\$54,144.00	\$12.50	\$47,000.00	\$30.00	\$112,800.00		
3	EXCAVATION, CLASS 10	6979	CY	\$12.00	\$83,748.00	\$19.20	\$133,996.80	\$18.00	\$125,622.00	\$41.00	\$286,139.00		
4	SUBBASE, MODIFIED SUBBASE, 6 IN.	7236	SY	\$15.00	\$108,540.00	\$12.00	\$86,832.00	\$11.75	\$85,023.00	\$27.00	\$195,372.00		
5	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 15 IN.	173	LF	\$100.00	\$17,300.00	\$175.10	\$30,292.30	\$150.00	\$25,950.00	\$105.00	\$18,165.00		
6	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 24 IN.	233	LF	\$125.00	\$29,125.00	\$202.75	\$47,240.75	\$160.00	\$37,280.00	\$130.00	\$30,290.00		
7	REMOVAL OF STORM SEWER, LESS THAN OR EQUAL TO 36 IN.	26	LF	\$25.00	\$650.00	\$80.64	\$2,096.64	\$40.00	\$1,040.00	\$135.00	\$3,510.00		
8	PIPE CULVERT, TRENCHED, CMP, 24 IN.	127	LF	\$100.00	\$12,700.00	\$218.88	\$27,797.76	\$150.00	\$19,050.00	\$155.00	\$19,685.00		
9	PIPE APRON, CMP, 24 IN.	2	EA	\$1,000.00	\$2,000.00	\$3,456.00	\$6,912.00	\$2,800.00	\$5,600.00	\$3,200.00	\$6,400.00		
10	PIPE APRON, RCP, 15 IN.	3	EA	\$1,600.00	\$4,800.00	\$4,838.40	\$14,515.20	\$3,000.00	\$9,000.00	\$3,600.00	\$10,800.00		
11	PIPE APRON, RCP, 24 IN.	2	EA	\$2,150.00	\$4,300.00	\$5,990.40	\$11,980.80	\$4,000.00	\$8,000.00	\$4,950.00	\$9,900.00		
12	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 IN. DIA.	2	EA	\$750.00	\$1,500.00	\$420.48	\$840.96	\$1,000.00	\$2,000.00	\$1,600.00	\$3,200.00		
13	MANHOLE, SW-401, 48 IN.	2	EA	\$7,000.00	\$14,000.00	\$6,912.00	\$13,824.00	\$6,500.00	\$13,000.00	\$4,500.00	\$9,000.00		
14	MANHOLE, SW-406, 4'x4'	2	EA	\$5,000.00	\$10,000.00	\$13,248.00	\$26,496.00	\$11,750.00	\$23,500.00	\$6,500.00	\$13,000.00		
15	INTAKE, SW-511	1	EA	\$6,000.00	\$6,000.00	\$8,640.00	\$8,640.00	\$8,000.00	\$8,000.00	\$4,400.00	\$4,400.00		
16	INTAKE, SW-512, 24 IN.	3	EA	\$2,750.00	\$8,250.00	\$5,184.00	\$15,552.00	\$3,500.00	\$10,500.00	\$3,200.00	\$9,600.00		
17	INTAKE, SW-512, 36 IN.	2	EA	\$4,000.00	\$8,000.00	\$7,488.00	\$14,976.00	\$5,700.00	\$11,400.00	\$5,700.00	\$11,400.00		
18	PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 8 IN. OR 10 IN.	265.6	SY	\$100.00	\$26,560.00	\$119.64	\$31,776.38	\$150.00	\$39,840.00	\$120.00	\$31,872.00		
19	CONCRETE MEDIAN, DOWELED, 6 IN.	8.2	SY	\$150.00	\$1,230.00	\$57.85	\$474.37	\$300.00	\$2,460.00	\$150.00	\$1,230.00		
20	REMOVAL OF SIDEWALK	186.4	SY	\$15.00	\$2,796.00	\$8.64	\$1,610.50	\$15.00	\$2,796.00	\$22.00	\$4,100.80		
21	SHARED USE PATH, PCC, 6 IN.	5837.8	SY	\$50.00	\$291,890.00	\$57.85	\$337,716.73	\$60.00	\$350,268.00	\$57.00	\$332,754.60		
22	SIDEWALK, PCC, 4 IN.	526.9	SY	\$65.00	\$34,248.50	\$53.05	\$27,952.05	\$70.00	\$36,883.00	\$52.00	\$27,398.80		
23	SIDEWALK, PCC, 6 IN.	435.6	SY	\$90.00	\$39,204.00	\$57.85	\$25,199.46	\$100.00	\$43,560.00	\$76.75	\$33,432.30		
24	SIDEWALK, PCC, 8 IN.	22	SY	\$100.00	\$2,200.00	\$119.64	\$2,632.08	\$125.00	\$2,750.00	\$185.00	\$4,070.00		
25	DETECTABLE WARNINGS, CAST-IRON	344	SF	\$60.00	\$20,640.00	\$62.40	\$21,465.60	\$55.00	\$18,920.00	\$55.00	\$18,920.00		
26	PAVEMENT REMOVAL	231.3	SY	\$15.00	\$3,469.50	\$12.96	\$2,997.65	\$30.00	\$6,939.00	\$22.00	\$5,088.60		
27	TRAFFIC SIGNALIZATION	1	LS	\$136,059.75	\$136,059.75	\$91,933.06	\$91,933.06	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00		
28	PAVEMENT MARKINGS, DURABLE	26.57	STA	\$400.00	\$10,628.00	\$432.00	\$11,478.24	\$300.00	\$7,971.00	\$270.00	\$7,173.90		
29	GROOVES CUT FOR PAVEMENT MARKINGS	26.57	STA	\$200.00	\$5,314.00	\$230.40	\$6,121.73	\$250.00	\$6,642.50	\$210.00	\$5,579.70		
30	TEMPORARY TRAFFIC CONTROL	1	LS	\$15,000.00	\$15,000.00	\$41,299.20	\$41,299.20	\$15,000.00	\$15,000.00	\$9,100.00	\$9,100.00		
31	PERFORATED SQUARE STEEL TUBE POST ANCHORS	4	EA	\$500.00	\$2,000.00	\$460.80	\$1,843.20	\$550.00	\$2,200.00	\$215.00	\$860.00		
32	REMOVE AND REINSTALL TRAFFIC SIGNS	2	EA	\$400.00	\$800.00	\$576.00	\$1,152.00	\$700.00	\$1,400.00	\$425.00	\$850.00		
33	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 1 (PERMANENT LAWN MIXTURE)	2.1	ACRE	\$4,500.00	\$9,450.00	\$6,076.80	\$12,761.28	\$6,500.00	\$13,650.00	\$3,100.00	\$6,510.00		
34	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 2 (PERMANENT COOL SEASON MIXTURE FOR SLOPES AND DITCHES)	0.8	ACRE	\$4,000.00	\$3,200.00	\$5,846.40	\$4,677.12	\$5,500.00	\$4,400.00	\$2,300.00	\$1,840.00		
35	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 6 (SALT-RESISTANT MIXTURE)	1.84	ACRE	\$4,750.00	\$8,740.00	\$6,422.40	\$11,817.22	\$6,500.00	\$11,960.00	\$3,650.00	\$6,716.00		
36	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING (BFM), TYPE 4 (URBAN TEMPORARY EROSION CONTROL MIXTURE)	4.74	ACRE	\$5,000.00	\$23,700.00	\$3,801.60	\$18,019.58	\$4,000.00	\$18,960.00	\$4,300.00	\$20,382.00		
37	WATERING	85	MGAL	\$50.00	\$4,250.00	\$94.46	\$8,029.10	\$125.00	\$10,625.00	\$73.00	\$6,205.00		
38	STORMWATER POLLUTION PREVENTION	1	LS	\$7,000.00	\$7,000.00	\$5,472.00	\$5,472.00	\$8,000.00	\$8,000.00	\$9,300.00	\$9,300.00		
39	FILTER SOCK, 9 IN. DIA	9180	LF	\$2.25	\$20,655.00	\$2.13	\$19,553.40	\$2.50	\$22,950.00	\$2.00	\$18,360.00		
40	FILTER SOCK REMOVAL	9180	LF	\$0.60	\$5,508.00	\$0.52	\$4,773.60	\$0.65	\$5,967.00	\$0.20	\$1,836.00		
41	TEMPORARY RECP, TYPE 2.B	10309	SY	\$2.25	\$23,195.25	\$2.76	\$28,452.84	\$2.00	\$20,618.00	\$2.25	\$23,195.25		
42	EROSION STONE	72	TON	\$65.00	\$4,680.00	\$80.64	\$5,806.08	\$65.00	\$4,680.00	\$145.00	\$10,440.00		
43	TURF REINFORCEMENT MATS (TRM), TYPE 1	248	SQ	\$40.00	\$9,920.00	\$44.93	\$11,142.64	\$50.00	\$12,400.00	\$6.00	\$1,488.00		
44	INLET PROTECTION DEVICE	7	EA	\$250.00	\$1,750.00	\$207.36	\$1,451.52	\$100.00	\$700.00	\$245.00	\$1,715.00		
45	INLET PROTECTION DEVICE, MAINTENANCE	14	EA	\$100.00	\$1,400.00	\$40.32	\$564.48	\$75.00	\$1,050.00	\$30.00	\$420.00		
46	MOWING	11.82	ACRE	\$1,000.00	\$11,820.00	\$96.77	\$1,143.82	\$450.00	\$5,319.00	\$152.00	\$1,796.64		
47	CHAIN LINK FENCE, BLACK VINYL COATED, 48 IN.	780	LF	\$50.00	\$39,000.00	\$24.48	\$19,094.40	\$25.50	\$19,890.00	\$26.00	\$20,280.00		
48	TEMPORARY FENCE, TREE PROTECTION	2268	LF	\$6.50	\$14,742.00	\$4.55	\$10,319.40	\$6.50	\$14,742.00	\$5.00	\$11,340.00		
49	MODULAR BLOCK RETAINING WALL	291	SF	\$45.00	\$13,095.00	\$45.96	\$13,374.36	\$55.00	\$16,005.00	\$74.00	\$21,534.00		
50	SEGMENTAL BLOCK RETAINING WALL	4683	SF	\$50.00	\$234,150.00	\$68.54	\$320,972.82	\$66.50	\$311,419.50	\$86.00	\$402,738.00		

Bid not read, due to missing page #10 of the proposal.

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>		<u>UNIT</u>		<u>UNIT</u>		<u>UNIT</u>		<u>PRICE</u>	<u>AMOUNT</u>
			<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>		
51	CONSTRUCTION SURVEY	1 LS	\$50,000.00	\$50,000.00	\$26,714.88	\$26,714.88	\$14,000.00	\$14,000.00	\$22,000.00	\$22,000.00		
52	MOBILIZATION	1 LS	\$199,857.00	\$199,857.00	\$86,803.20	\$86,803.20	\$156,000.00	\$156,000.00	\$66,099.01	\$66,099.01		
53	CONCRETE WASHOUT	1 LS	\$5,000.00	\$5,000.00	\$2,995.20	\$2,995.20	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00		
TOTAL CONSTRUCTION COST				\$1,722,000.00		\$1,732,001.55		\$1,760,556.00		\$1,998,000.00		\$0.00
PERCENT OF ENGINEER'S ESTIMATE						+0.58%		+2.24%		+16.03%		-100.00%