



Date September 8, 2025

**PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS,
FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON
GRAY'S STATION ROADWAY IMPROVEMENTS AT SW 16TH STREET AND TUTTLE STREET;
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE
BIDDER AS REILLY CONSTRUCTION CO., INC., CHRIS R. REILLY, PRESIDENT, \$4,921,105.39**

WHEREAS, on July 14, 2025, under Roll Call No. 25-0959, 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:

Gray's Station Roadway Improvements at SW 16th Street and Tuttle Street, Activity ID 062024010

The improvement includes Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA), subbase, subdrain, subgrade treatment, grading, pavement removal, PCC driveways and sidewalk, storm sewer, intakes, water main, fencing, environmental management, traffic control, surface restoration, and other incidental items, all in accordance with the contract documents including Plan File Nos. 674-126/257, located on Tuttle Street and SW 16th Street in Des Moines, Iowa; and

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; and

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:

Reilly Construction Co., Inc., Ossian, IA - Low Bid
Jasper Construction Services, Inc., Newton, IA
C. J. Moyna & Sons, LLC, Elkader, IA

which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on August 5, 2025. 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 Reilly Construction Co., Inc., Chris R. Reilly, President, 110 E. Main Street, PO Box 99, Ossian, IA, 52161 in the amount of \$4,921,105.39, and said bid be and the same is hereby accepted.



Roll Call Number

Agenda Item Number

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Date September 8, 2025

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. 25.340 attached)

Moved by _____ to adopt. Seconded by _____

FORM APPROVED:

FUNDS AVAILABLE:

/s/ Glenna K. Frank

s/Nickolas J. Schaul

Glenna K. Frank

Nickolas J. Schaul

Deputy City Attorney

Director of Finance

Funding Source: 2025-26 CIP, Page 139, SW 16th Street and MLK Traffic Improvements, ST295, Being: \$2,299,834.66 in Private Contributions, \$690,000 from Des Moines Water Works, \$1,550,000 from TIF bonding, and the remaining \$381,270.73 in funds transferred from ST296 (Tuttle Street Improvements)

SLN
pw

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

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DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2024-010

Bid Date: 08/05/25

TABULATED BY: N. Smith APPROVED BY: 

CONTRACTOR'S BID TABULATION
PROJECT: GRAY'S STATION ROADWAY IMPROVEMENTS AT SW 16TH ST AND TUTTLE ST

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT	REILLY CONSTRUCTION CO., INC. Ossian, IA		JASPER CONSTRUCTION Services, Inc. Newton, IA		C. J. MOYNA & SONS, LLC Elkader, IA	
				PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING AND GRUBBING	1 ACRE	\$15,000.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$10,800.00	\$10,800.00
2	TOPSOIL, ON-SITE	1489 CY	\$20.00	\$29,780.00	\$29,780.00	\$10.00	\$14,890.00	\$18.00	\$26,802.00
3	TOPSOIL, OFF-SITE	2295 CY	\$27.00	\$61,965.00	\$55,080.00	\$30.00	\$68,850.00	\$62.00	\$142,290.00
4	EXCAVATION, CLASS 10	13702.9 CY	\$8.00	\$109,623.20	\$274,058.00	\$10.00	\$137,029.00	\$9.50	\$130,177.55
5	EXCAVATION, CLASS 10, IMPORT	12961.8 CY	\$25.00	\$324,045.00	\$311,083.20	\$10.00	\$129,618.00	\$19.80	\$256,643.64
6	EXCAVATION, CLASS 10, IMPORT - COMPACTED COHESIVE (CLAY) FILL ABOVE PLASTIC BARRIER,	886 CY	\$40.00	\$35,440.00	\$26,580.00	\$20.00	\$17,720.00	\$34.00	\$30,124.00
7	EXCAVATION, CLASS 10, CHANNEL	2315 CY	\$18.00	\$41,670.00	\$46,300.00	\$10.00	\$23,150.00	\$15.00	\$34,725.00
8	SUBGRADE PREPARATION	13892 SY	\$3.50	\$48,622.00	\$27,784.00	\$4.00	\$55,568.00	\$4.30	\$59,735.60
9	SUBBASE, MODIFIED, 6"	3856 SY	\$18.00	\$69,408.00	\$46,272.00	\$13.00	\$50,128.00	\$14.00	\$53,984.00
10	SUBBASE, MODIFIED, VARIABLE THICKNESS	2562 CY	\$70.00	\$178,640.00	\$191,400.00	\$50.00	\$127,600.00	\$78.00	\$199,056.00
11	REMOVAL OF STRUCTURE	1 EA	\$10,000.00	\$10,000.00	\$5,250.00	\$6,500.00	\$6,500.00	\$4,500.00	\$4,500.00
12	STORM SEWER, TRENCHED, 15"	358 LF	\$110.00	\$39,380.00	\$28,640.00	\$65.00	\$23,270.00	\$158.00	\$56,564.00
13	STORM SEWER, TRENCHED, 18"	662 LF	\$125.00	\$82,750.00	\$54,284.00	\$75.00	\$49,650.00	\$165.00	\$109,230.00
14	STORM SEWER, TRENCHED, 30"	1039 LF	\$150.00	\$155,850.00	\$145,460.00	\$90.00	\$93,510.00	\$235.00	\$244,165.00
15	STORM SEWER, TRENCHED, 36"	298 LF	\$175.00	\$52,150.00	\$47,680.00	\$115.00	\$34,270.00	\$280.00	\$83,440.00
16	PIPE SUPPORT	1 EA	\$1,500.00	\$1,500.00	\$1,000.00	\$3,680.00	\$3,680.00	\$4,800.00	\$4,800.00
17	SUBDRAIN, LONGITUDINAL, 6" PERFORATED	1765 LF	\$22.00	\$38,830.00	\$42,360.00	\$20.00	\$35,300.00	\$23.00	\$40,595.00
18	DICO	1193 LF	\$35.00	\$41,755.00	\$28,632.00	\$22.00	\$26,246.00	\$28.00	\$33,404.00
19	SUBDRAIN, LONGITUDINAL, 6" SOLID, DICO	120 LF	\$50.00	\$6,000.00	\$2,880.00	\$25.00	\$3,000.00	\$28.00	\$3,360.00
20	SUBDRAIN OUTLETS AND CONNECTIONS, 6"	12 EA	\$500.00	\$6,000.00	\$3,600.00	\$275.00	\$3,300.00	\$352.00	\$4,224.00
21	MANHOLE, SW-401, 48"	2 EA	\$5,500.00	\$11,000.00	\$10,000.00	\$4,000.00	\$8,000.00	\$7,600.00	\$15,200.00
22	MANHOLE, SW-401, 60"	3 EA	\$10,500.00	\$31,500.00	\$22,200.00	\$5,000.00	\$15,000.00	\$8,000.00	\$24,000.00
23	MANHOLE, SW-401, 72"	2 EA	\$12,500.00	\$25,000.00	\$38,000.00	\$6,000.00	\$12,000.00	\$12,000.00	\$24,000.00
24	INTAKE, SW-501	2 EA	\$6,500.00	\$13,000.00	\$14,000.00	\$5,000.00	\$10,000.00	\$12,000.00	\$24,000.00
25	INTAKE, SW-505	18 EA	\$8,500.00	\$153,000.00	\$135,000.00	\$4,000.00	\$72,000.00	\$13,850.00	\$249,300.00
26	INTAKE, SW-511	1 EA	\$9,500.00	\$9,500.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,000.00	\$11,000.00
27	INTAKE, SW-512	1 EA	\$3,500.00	\$3,500.00	\$2,500.00	\$5,500.00	\$5,500.00	\$3,500.00	\$3,500.00
28	INTAKE, SW-513	1 EA	\$7,500.00	\$7,500.00	\$7,000.00	\$8,650.00	\$8,650.00	\$13,500.00	\$13,500.00
29	INTAKE, SW-516	1 EA	\$15,000.00	\$15,000.00	\$16,500.00	\$12,500.00	\$12,500.00	\$26,500.00	\$26,500.00
30	INTAKE, SW-516 MODIFIED	1 EA	\$17,500.00	\$17,500.00	\$25,000.00	\$16,000.00	\$16,000.00	\$33,000.00	\$33,000.00
31	MANHOLE ADJUSTMENT, MINOR	3 EA	\$1,750.00	\$5,250.00	\$5,400.00	\$2,500.00	\$7,500.00	\$3,500.00	\$10,500.00
32	MANHOLE ADJUSTMENT, MAJOR	8 EA	\$3,500.00	\$28,000.00	\$40,000.00	\$4,000.00	\$32,000.00	\$6,000.00	\$48,000.00
33	CONNECTION TO EXISTING CULVERT	1 EA	\$5,000.00	\$5,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$5,500.00	\$5,500.00
34	SEALING AND GROUTING OF STRUCTURES	17 EA	\$1,000.00	\$17,000.00	\$34,000.00	\$1,500.00	\$25,500.00	\$9,250.00	\$157,250.00
35	DEWATERING WELL POINT, 30 FEET DEEP	4 EA	\$10,000.00	\$40,000.00	\$100,000.00	\$5,000.00	\$20,000.00	\$33,500.00	\$134,000.00
36	PAVEMENT, PCC, 9 IN.	10812 SY	\$75.00	\$810,900.00	\$800,088.00	\$85.00	\$919,020.00	\$74.00	\$800,088.00
37	PAVEMENT, ASPHALT, COMMERCIAL MIX, 1/2 IN. ST, PG 58-28S	3692 SY	\$32.00	\$118,144.00	\$77,532.00	\$21.00	\$77,532.00	\$21.00	\$77,532.00
38	SPECIAL SUBGRADE PREPARATION FOR SHARED USE PATH	4089 SY	\$4.00	\$16,356.00	\$8,178.00	\$4.00	\$16,356.00	\$8.00	\$32,712.00

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
39	CYCLE TRACK, PCC, 6"	31 SY	\$70.00	\$2,170.00	\$49.00	\$1,519.00	\$95.00	\$2,945.00	\$49.00	\$1,519.00
40	CYCLE TRACK, PCC , INTEGRAL COLOR PCC, 6"	2904 SY	\$100.00	\$290,400.00	\$63.00	\$182,952.00	\$110.00	\$319,440.00	\$63.00	\$182,952.00
41	CYCLE TRACK, PCC , INTEGRAL COLOR PCC, 8"	50 SY	\$120.00	\$6,000.00	\$82.00	\$4,100.00	\$175.00	\$8,750.00	\$82.00	\$4,100.00
42	SIDEWALK, PCC, 6"	1203 SY	\$85.00	\$102,255.00	\$49.00	\$58,947.00	\$85.00	\$102,255.00	\$49.00	\$58,947.00
43	SIDEWALK, PCC, 4"	2260 SY	\$65.00	\$146,900.00	\$45.00	\$101,700.00	\$75.00	\$169,500.00	\$45.00	\$101,700.00
44	BRICK/PAVER SIDEWALK WITH PAVEMENT BASE	122 SY	\$175.00	\$21,350.00	\$130.00	\$15,860.00	\$180.00	\$21,960.00	\$130.00	\$15,860.00
45	DETECTABLE WARNINGS	452 SF	\$55.00	\$24,860.00	\$50.00	\$22,600.00	\$65.00	\$29,380.00	\$50.00	\$22,600.00
46	DRIVEWAY, PAVED, PCC, 8"	1284 SY	\$80.00	\$102,720.00	\$66.00	\$84,744.00	\$100.00	\$128,400.00	\$66.00	\$84,744.00
47	DRIVEWAY, GRANULAR, 8"	2350 SY	\$21.00	\$49,350.00	\$16.00	\$37,600.00	\$16.00	\$37,600.00	\$16.20	\$38,070.00
48	GRAVEL SURFACING, MID AMERICAN SUB STATION, 6"	100 TONS	\$40.00	\$4,000.00	\$40.00	\$4,000.00	\$35.00	\$3,500.00	\$46.00	\$4,600.00
49	PAVEMENT REMOVAL	2102 SY	\$17.00	\$35,734.00	\$18.00	\$37,836.00	\$9.00	\$18,918.00	\$16.00	\$33,632.00
50	PAVEMENT REMOVAL, DICO	5879 SY	\$50.00	\$293,950.00	\$25.00	\$146,975.00	\$18.00	\$105,822.00	\$26.00	\$152,854.00
51	SURFACE RUBBLE REMOVAL	1000 TONS	\$35.00	\$35,000.00	\$100.00	\$100,000.00	\$56.00	\$56,000.00	\$48.00	\$48,000.00
52	TRAFFIC SIGNALIZATION	1 LS	\$10,000.00	\$10,000.00	\$5,500.00	\$5,500.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00
53	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	22 STA	\$250.00	\$5,500.00	\$226.00	\$4,972.00	\$226.00	\$4,972.00	\$226.00	\$4,972.00
54	PAINTED SYMBOLS AND LEGENDS, SOLVERNT	27 EA	\$325.00	\$8,775.00	\$130.00	\$3,510.00	\$130.00	\$3,510.00	\$130.00	\$3,510.00
55	TEMPORARY TRAFFIC CONTROL	1 LS	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$19,000.00	\$19,000.00
56	TEMPORARY BARRIER RAIL TO REMAIN PERMANENTLY ON-SITE	200 LF	\$150.00	\$30,000.00	\$50.00	\$10,000.00	\$50.00	\$10,000.00	\$50.00	\$10,000.00
57	TRAFFIC SIGNS	27.75 SF	\$40.00	\$1,110.00	\$20.00	\$555.00	\$20.00	\$555.00	\$20.00	\$555.00
58	PERFORATED SQUARE STEEL TUBE POSTS	125 LF	\$25.00	\$3,125.00	\$20.00	\$2,500.00	\$20.00	\$2,500.00	\$20.00	\$2,500.00
59	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 1	2.1 ACRE	\$6,500.00	\$13,650.00	\$3,750.00	\$7,875.00	\$3,750.00	\$7,875.00	\$3,750.00	\$7,875.00
60	AND MULCHING, TYPE 2	0.52 ACRE	\$3,500.00	\$1,820.00	\$3,500.00	\$1,820.00	\$3,500.00	\$1,820.00	\$3,500.00	\$1,820.00
61	STORM WATER POLLUTION PREVENTION	1 LS	\$8,000.00	\$8,000.00	\$8,700.00	\$8,700.00	\$20,000.00	\$20,000.00	\$8,700.00	\$8,700.00
62	FILTER SOCK, 12 IN.	244 LF	\$3.00	\$732.00	\$3.00	\$732.00	\$3.00	\$732.00	\$3.00	\$732.00
63	FILTER SOCK, REMOVAL	244 LF	\$0.50	\$122.00	\$1.00	\$244.00	\$1.00	\$244.00	\$1.00	\$244.00
64	RIP RAP, CLASS E	30 TONS	\$100.00	\$3,000.00	\$85.00	\$2,550.00	\$90.00	\$2,700.00	\$90.00	\$2,700.00
65	SILT FENCE OR SILT FENCE DITCH CHECK	3429 LF	\$2.00	\$6,858.00	\$1.60	\$5,486.40	\$1.60	\$5,486.40	\$1.60	\$5,486.40
66	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	3429 LF	\$0.50	\$1,714.50	\$0.01	\$34.29	\$0.01	\$34.29	\$0.01	\$34.29
67	STABILIZED CONSTRUCTION ENTRANCE	675 SY	\$40.00	\$27,000.00	\$35.00	\$23,625.00	\$16.00	\$10,800.00	\$22.00	\$14,850.00
68	EROSION CONTROL, MULCHING, CONVENTIONAL	2.62 ACRE	\$3,500.00	\$9,170.00	\$500.00	\$1,310.00	\$500.00	\$1,310.00	\$500.00	\$1,310.00
69	TURF REINFORCEMENT MATS, TYPE 1	987 SY	\$40.00	\$39,480.00	\$4.50	\$4,441.50	\$4.50	\$4,441.50	\$4.50	\$4,441.50
70	INLET PROTECTION DEVICE, BASKET	42 EA	\$175.00	\$7,350.00	\$125.00	\$5,250.00	\$125.00	\$5,250.00	\$125.00	\$5,250.00
71	INLET PROTECTION DEVICE, MAINTENANCE	42 EA	\$15.00	\$630.00	\$10.00	\$420.00	\$10.00	\$420.00	\$10.00	\$420.00
72	CHAIN LINK FENCE, COMMERCIAL, 96 IN.	1344 LF	\$45.00	\$60,480.00	\$51.75	\$69,552.00	\$51.75	\$69,552.00	\$54.00	\$72,576.00
73	GATES, CHAIN LINK , 96 IN.	4 EA	\$2,500.00	\$10,000.00	\$2,400.00	\$9,600.00	\$2,400.00	\$9,600.00	\$2,500.00	\$10,000.00
74	FENCE REMOVAL	1303 LF	\$10.00	\$13,030.00	\$8.00	\$10,424.00	\$7.00	\$9,121.00	\$6.00	\$7,818.00
75	MODULAR BLOCK RETAINING WALL	48 SF	\$125.00	\$6,000.00	\$85.00	\$4,080.00	\$85.00	\$4,080.00	\$85.00	\$4,080.00
76	REMOVAL OF BRICK PILLAR	1 LS	\$7,500.00	\$7,500.00	\$1,750.00	\$1,750.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
77	POLE REMOVAL	10 EA	\$1,000.00	\$10,000.00	\$2,000.00	\$20,000.00	\$800.00	\$8,000.00	\$1,800.00	\$18,000.00
78	CONSTRUCTION SURVEY, DIVISION 1	1 LS	\$14,000.00	\$14,000.00	\$10,000.00	\$10,000.00	\$7,400.00	\$7,400.00	\$14,000.00	\$14,000.00
79	CONSTRUCTION SURVEY, DIVISION 2	1 LS	\$12,000.00	\$12,000.00	\$7,500.00	\$7,500.00	\$5,700.00	\$5,700.00	\$10,000.00	\$10,000.00
80	CONSTRUCTION SURVEY, DIVISION 3	1 LS	\$13,000.00	\$13,000.00	\$7,500.00	\$7,500.00	\$5,700.00	\$5,700.00	\$10,000.00	\$10,000.00
81	CONSTRUCTION SURVEY, DIVISION 4	1 LS	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$1,300.00	\$1,300.00	\$3,200.00	\$3,200.00

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
82	MOBILIZATION	1 LS	\$469,106.30	\$469,106.30	\$175,000.00	\$175,000.00	\$722,000.00	\$722,000.00	\$580,000.00	\$580,000.00
83	CONCRETE WASHOUT	1 LS	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$11,500.00	\$11,500.00
84	WATER MAIN, TRENCHED, DUCTILE IRON (DI), STAB JOINT, 12"	804 LF	\$200.00	\$160,800.00	\$150.00	\$120,600.00	\$120.00	\$96,480.00	\$220.00	\$176,880.00
85	WATER MAIN, TRENCHED, DUCTILE IRON (DI), STAB JOINT, 24"	1114 LF	\$500.00	\$557,000.00	\$275.00	\$306,350.00	\$280.00	\$311,920.00	\$485.00	\$540,290.00
86	FITTINGS BY WEIGHT, DUCTILE IRON	4033 LBS	\$30.00	\$120,990.00	\$20.00	\$80,660.00	\$16.00	\$64,528.00	\$15.00	\$60,495.00
87	24" TRANSITION COUPLING	1 EA	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00
88	30" TRANSITION COUPLING	1 EA	\$15,000.00	\$15,000.00	\$9,000.00	\$9,000.00	\$23,800.00	\$23,800.00	\$18,500.00	\$18,500.00
89	VALVE, GATE, DIP, 12"	1 EA	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$6,300.00	\$6,300.00
90	VALVE, GATE, DIP, 24"	1 EA	\$50,000.00	\$50,000.00	\$38,000.00	\$38,000.00	\$35,000.00	\$35,000.00	\$42,000.00	\$42,000.00
91	FIRE HYDRANT ASSEMBLY, 12IN. MJXAJ TEE, 6-IN. GATE VALVE	2 EA	\$15,000.00	\$30,000.00	\$9,500.00	\$19,000.00	\$9,500.00	\$19,000.00	\$8,000.00	\$16,000.00
92	FIRE HYDRANT ASSEMBLY, 24IN. MJXAJ TEE, 6-IN. GATE VALVE	2 EA	\$25,000.00	\$50,000.00	\$17,000.00	\$34,000.00	\$15,500.00	\$31,000.00	\$16,500.00	\$33,000.00
93	FOUNDATION ROCK	100 TONS	\$60.00	\$6,000.00	\$75.00	\$7,500.00	\$50.00	\$5,000.00	\$72.00	\$7,200.00
94	CATHODIC PROTECTION SYSTEM FOR 24 IN WATER MAIN	1 LS	\$25,000.00	\$25,000.00	\$22,000.00	\$22,000.00	\$25,000.00	\$25,000.00	\$43,000.00	\$43,000.00
95	FIRE HYDRANT REMOVAL	2 EA	\$5,000.00	\$10,000.00	\$1,200.00	\$2,400.00	\$3,500.00	\$7,000.00	\$6,500.00	\$13,000.00
96	VALVE BOX REMOVAL	5 EA	\$2,500.00	\$12,500.00	\$1,000.00	\$5,000.00	\$1,000.00	\$5,000.00	\$2,500.00	\$12,500.00
97	ENVIRONMENTAL MANAGEMENT & COORDINATION	1 LS	\$25,000.00	\$25,000.00	\$90,000.00	\$90,000.00	\$490,000.00	\$490,000.00	\$35,000.00	\$35,000.00
98	ENVIRONMENTAL TESTING FOR DEWATERING	20 EA	\$2,000.00	\$40,000.00	\$2,500.00	\$50,000.00	\$2,500.00	\$50,000.00	\$250.00	\$5,000.00
99	CONTAMINATED GROUNDWATER DISPOSAL	20 EA	\$5,000.00	\$100,000.00	\$5,000.00	\$100,000.00	\$2,500.00	\$50,000.00	\$2,200.00	\$44,000.00
100	TRANSPORTATION OF EXCAVATED MATERIALS FROM FORMER DICO PROPERTY	400 TONS	\$250.00	\$100,000.00	\$100.00	\$40,000.00	\$65.00	\$26,000.00	\$80.00	\$32,000.00
101	PLASTIC BARRIER - WITHIN FORMER DICO PROPERTY	7862 SY	\$5.00	\$39,310.00	\$5.00	\$39,310.00	\$4.00	\$31,448.00	\$6.00	\$47,172.00
TOTAL CONSTRUCTION COST				\$6,000,000.00		\$4,921,105.39		\$5,480,586.19		\$5,956,190.98
PERCENT OF ENGINEER'S ESTIMATE						-17.98% Low		-8.66%		-0.73%

