

## **Roll Call Number**

Agenda Item Number

\_\_\_\_\_5\_8\_\_\_\_

DATE October 5, 2020

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT
DOCUMENTS, AND ENGINEER'S ESTIMATE ON
DES MOINES RIVER LEVEE PUMP STATION REHABILITATIONS;
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE
BIDDER AS MINTURN, INC., CLINTON M. RHOADS, PRESIDENT, \$5,222,900.00

WHEREAS, on August 3, 2020, under Roll Call No. 20-1192, 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:

Des Moines River Levee Pump Station Rehabilitations, 082020005

The improvement includes rehabilitation of four storm water pump stations including installation of mechanical screens, control buildings, sluice gate electrical actuators, electrical and controls, standby generator, refurbishing existing pumps, miscellaneous metals, Portland Cement Concrete (PCC) pavement, fencing, and miscellaneous associated work including demolition, cleanup, erosion control, seeding of disturbed areas and other incidental items; all in accordance with the contract documents, including Plan File Nos. 616-116/168, with improvements located at 601 Robert D. Ray Drive, 601 S.W. 5th Street, 700 S.W. 7th Street, and 420 S.W. 14th 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.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement.

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

Minturn, Inc., Brooklyn, IA

WRH, Inc., South Amana, IA- Bid read under advisement - resident bidder information not completed

Williams Brothers Construction, Inc., Peoria Heights, IL

Woodruff Construction, LLC, Fort Dodge, IA

Synergy Contracting, LLC, Bondurant, IA

Henkel Construction Company, Mason City, IA

Shank Constructors, Inc., Brooklyn Park, MN - Bid not read - missing total construction cost

1

082020005



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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 September 15, 2020. 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 Minturn, Inc., Clinton M. Rhoads, President, 144 W. Front Street, Brooklyn, IA, 52211 in the amount of \$5,222,900.00, 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 neccessary road closures for the Project. (Council Communication No. 20-434)

Moved by	to adopt.

FORM APPROVED:

**FUNDS AVAILABLE** 

Kathleen Vanderpool Deputy City Attorney

Nickolas J. Schaul Director of Finance



Funding Source: 2020-2021 CIP, Page Storm – 13, Storm Water Pump Station Rehabilitation, SM073,

Being: Storm Revenue bonds to be issued

si Kathleen Vanderpool



## **Roll Call Number**

Agenda Item Number

58

DATE October 5, 2020

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
GRAY				
MANDELBAUM				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED			A	PPROVED
			· ·	
				Mayor

## CERTIFICATE

I, P. Kay Cmelik, 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	W	ITNI	ESS	WH	ERE	OF, I	[ hav	ve he	ereur	ito se	t my
ha	nd	and	aff	ixed	my	seal	the	day	and	year	first
ab	ove	wri	tten								

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1 14-17	( IOTI
	CICIN

Williams Brothers

DEPARTMENT OF ENGINEERING CITY OF DES MOINES, IOWA

APPROVED BY Cali Ind

Activity ID 08-2020-005 IDOT Project No: None Bid Date: 9/15/2020

TABULATED BY: L.A. Vaughan CHECKED BY:

CHECKED BY: APPROVED BY		Minturn, Inc. Brooklyn, IA		WRH, Inc. Amana, IA		Williams Brothers Construction, Inc. Peoria, IL		Moodruff Con	atruction II C		
								Woodruff Construction, LLC Ames, IA			
CONTRACTOR'S BID TABULATION PROJECT: DES MOINES RIVER LEVEE PUMP STATION REHABILITATIONS				BID SEC 10% Bi		BID SEC 10% Bi		BID SEC 10% Bi		BID SEC 10% Bi	
ESTIMATE				BID PRICE		BID PRICE		BID PRICE		BID PRICE	
		UNIT		UNIT		UNIT		UNIT		UNIT	
<u>ITEM</u> <u>DESCRIPTION</u>	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1 1ST & DES MOINES STR. PUMP STATION-STEEL MECHANICAL SCREEN	2 EACH	\$335,000.00	\$670,000.00	\$220,000.00	\$440,000.00	\$225,000.00	\$450,000.00	\$220,000.00	\$440,000.00	\$214,931.50	\$429,863.00
2 SW 5TH STR. PUMP STATION-STEEL MECHANICAL SCREEN	2 EACH	\$335,000.00	\$670,000.00	\$260,000.00	\$520,000.00	\$225,000.00	\$450,000.00	\$260,000.00	\$520,000.00	\$258,156.50	\$516,313.00
3 SW 7TH STR. PUMP STATION-STEEL MECHANICAL SCREEN	2 EACH	\$335,000.00	\$670,000.00	\$250,000.00	\$500,000.00	\$225,000.00	\$450,000.00	\$250,000.00	\$500,000.00	\$247,413.00	\$494,826.00
MLK JR. PARKWAY STR. PUMP STATION-STEEL MECHANICAL SCREEN     ST & DES MOINES STR. PUMP STATION-CONTROL BUILDING	3 EACH	\$335,000.00	\$1,005,000.00	\$280,000.00	\$840,000.00	\$250,000.00	\$750,000.00	\$275,000.00	\$825,000.00	\$269,712.33	\$809,136.99
6 SW 5TH STR. PUMP STATION-CONTROL BUILDING	1 LS	\$140,000.00	\$140,000.00	\$130,000.00	\$130,000.00	\$80,000.00	\$80,000.00	\$130,000.00	\$130,000.00	\$68,637.00	\$68,637.00
7 SW 7TH STR. PUMP STATION-CONTROL BUILDING	1 LS	\$150,000.00	\$150,000,00	\$160,000.00	\$160,000.00	\$80,000.00	\$80,000.00	\$100,000.00	\$100,000.00	\$77,836.00	\$77,836.00
8 MLK JR. PARKWAY PUMP STATION-CONTROL BUILDING	1 LS 1 LS	\$150,000.00 \$170,000.00	\$150,000.00 \$170,000.00	\$160,000.00	\$160,000.00	\$80,000.00	\$80,000.00	\$100,000.00	\$100,000.00	\$77,830.00	\$77,830.00
9 1ST & DES MOINES STR. PUMP STATION-SLUICE GATE ELECTRIC ACTUATOR MODIFICATIONS	1 EACH	\$25,000.00	\$25,000.00	\$190,000.00 \$10,000.00	\$190,000.00 \$10,000.00	\$100,000.00 \$15,000.00	\$100,000.00	\$130,000.00	\$130,000.00	\$82,695.00	\$82,695.00
10 SW 5TH STR. PUMP STATION-SLUICE GATE ELECTRIC ACTUATOR MODIFICATIONS	2 EACH	\$35.000.00	\$70,000.00	\$30,000.00	\$60,000.00	\$25,000.00	\$15,000.00 \$50,000.00	\$16,000.00 \$27,000.00	\$16,000.00 \$54,000.00	\$13,295.00 \$30,528.00	\$13,295.00 \$61,056.00
11 SW 7TH STR. PUMP STATION-SLUICE GATE ELECTRIC ACTUATOR MODIFICATIONS	2 EACH	\$35,000.00	\$70,000.00	\$25,000.00	\$50,000.00	\$25,000.00	\$50,000.00	\$32,000.00	\$64,000.00	\$26,754.00	\$53,508.00
12 MLK JR. PARKWAY PUMP STATION-SLUICE GATE ELECTRIC ACTUATOR MODIFICATIONS	2 EACH	\$55,000.00	\$110,000.00	\$25,000.00	\$50,000.00	\$25,000.00	\$50,000.00	\$28,000.00	\$56,000.00	\$25,215.50	\$50,431.00
13 1ST & DES MOINES STR. PUMP STATION-STANDBY GENERATOR	1 LS	\$155,000.00	\$155,000.00	\$160,000.00	\$160,000.00	\$110,000.00	\$110,000.00	\$130,000.00	\$130,000.00	\$149,968.00	\$149,968,00
14 1ST & DES MOINES STR. PUMP STATION-ELECTRICAL AND CONTROLS	1 LS	\$455,000.00	\$455,000.00	\$175,000.00	\$175,000.00	\$240,000.00	\$240,000.00	\$165,000.00	\$165,000.00	\$248,817.00	\$248,817.00
15 SW 5TH STR. PUMP STATION-ELECTRICAL AND CONTROLS	1 LS	\$490,000.00	\$490,000.00	\$175,000.00	\$175,000.00	\$340,000.00	\$340,000.00	\$250,000.00	\$250,000.00	\$362,388.00	\$362,388.00
16 SW 7TH STR, PUMP STATION-ELECTRICAL AND CONTROLS	1 LS	\$490,000.00	\$490,000.00	\$275,000.00	\$275,000.00	\$340,000.00	\$340,000.00	\$250,000.00	\$250,000.00	\$360,762.00	\$360,762.00
17 MLK JR, PARKWAY PUMP STATION-ELECTRICAL AND CONTROLS	1 LS	\$825,000.00	\$825,000.00	\$775,000.00	\$775,000.00	\$850,000.00	\$850,000.00	\$690,000.00	\$690,000.00	\$876,719.00	\$876,719.00
18 1ST & DES MOINES STR. PUMP STATION-MISCELLANEOUS METALS	1 LS	\$4,700.00	\$4,700.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$4,418.00	\$4,418.00
19 SW 5TH STR. PUMP STATION-MISCELLANEOUS METALS	1 LS	\$4,100.00	\$4,100.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$3,190.00	\$3,190.00
20 SW 7TH STR. PUMP STATION-MISCELLANEOUS METALS 21 MLK JR. PARKWAY PUMP STATION-MISCELLANEOUS METALS	1 LS	\$4,100.00	\$4,100.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$3,190.00	\$3,190.00
22 SUBMERSIBLE VERTICAL PROPELLER PUMP REFURBISHMENTS	1 LS	\$10,500.00	\$10,500.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$16,000.00	\$16,000.00	\$10,026.00	\$10,026.00
23 TOPSOIL, ON-SITE, STRIP, SALVAGE & SPREAD	1 LS 280 CY	\$250,000.00 \$25.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	\$240,000.00	\$240,000.00	\$273,930.00	\$273,930.00
24 DRIVEWAY REMOVAL, P.C. CONCRETE	60 SY	\$25.00	\$7,000.00 \$1,500.00	\$15.00 \$30.00	\$4,200.00 \$1,800.00	\$10.00 \$10.00	\$2,800.00 \$600.00	\$30.00 \$23.00	\$8,400.00	\$22,33	\$6,252.40
25 DRIVEWAY REMOVAL, GRAVEL	140 TON	\$12.00	\$1,680.00	\$10.00	\$1,400.00	\$4.00	\$560.00	\$23.00 \$13.00	\$1,380.00 \$1,820.00	\$63.02 \$26.08	\$3,781.20 \$3,651.20
26 SIDEWALK, P.C. CONCRETE, 4"	66 SY	\$100.00	\$6,600.00	\$75.00	\$4,950.00	\$80.00	\$5,280.00	\$70.00	\$4,620.00	\$175.58	\$11,588.28
27 DRIVEWAY, P.C. CONCRETE, 7"	81 SY	\$160.00	\$12,960.00	\$100.00	\$8,100.00	\$120.00	\$9,720.00	\$120.00	\$9,720.00	\$191.06	\$15,475.86
28 DRIVEWAY, GRANULAR SURFACING, CLASS A, 6"	75 TON	\$55.00	\$4,125.00	\$50.00	\$3,750,00	\$40.00	\$3,000.00	\$50.00	\$3,750.00	\$91.27	\$6,845,25
29 HYDRAULIC SEEDING, FERTILIZING, MULCHING, AND WATERING, TYPE 1	1452 SY	\$3.00	\$4,356.00	\$5.00	\$7,260.00	\$2.00	\$2,904.00	\$9.00	\$13,068.00	\$9.14	\$13,271,28
30 SILT FENCE, INSTALLATION, MAINTENANCE, AND REMOVAL	450 LF	\$4.00	\$1,800.00	\$5.00	\$2,250.00	\$2.00	\$900.00	\$5.00	\$2,250.00	\$5.54	\$2,493.00
31 CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT	290 LF	\$55.00	\$15,950.00	\$30.00	\$8,700.00	\$35.00	\$10,150.00	\$32.70	\$9,483.00	\$42.32	\$12,272.80
32 GATE, CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT, 18' WIDE DOUBLE SWING	1 EACH	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00	\$1,274.00	\$1,274.00
33 GATE, CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT, 26' WIDE DOUBLE SWING	1 EACH	\$13,000.00	\$13,000.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$2,492.00	\$2,492.00	\$2,535.00	\$2,535.00
34 PEDESTRIAN GATE, CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT, 4' WIDE 35 BARBED WIRE. TYPE I SLANTED SUPPORTING ARM	1 EACH	\$4,000.00	\$4,000.00	\$500.00	\$500.00	\$500.00	\$500.00	\$490.00	\$490.00	\$443.00	\$443.00
35 BARBED WIRE, TYPE I SLANTED SUPPORTING ARM 36 REMOVAL AND REINSTALLATION OF EXISTING FENCE	312 LF	\$10.00	\$3,120.00	\$5.00	\$1,560.00	\$3.00	\$936.00	\$3.25	\$1,014.00	\$2.66	\$829.92
37 REMOVAL AND REINSTALDATION OF EXISTING PENCE	30 LF 13 LF	\$40.00 \$15.00	\$1,200.00	\$50.00	\$1,500.00	\$50.00	\$1,500.00	\$52.00	\$1,560.00	\$110.20	\$3,306.00
38 DEMOLITION/REMOVALS EXISTING STORM WATER PUMP STATION, 1ST & DES MOINES STR.	13 LF 1 LS	\$42,000.00	\$195.00 \$42.000.00	\$10.00 \$40.000.00	\$130.00	\$15.00	\$195.00	\$12.00	\$156.00	\$63.92	\$830.96
39 DEMOLITION/REMOVALS EXISTING STORM WATER PUMP STATION, 1ST & DES MOINES STR.	1 LS	\$30,000.00	\$30,000,00	\$30,000.00	\$40,000.00 \$30,000.00	\$30,000.00 \$10,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$31,075.00	\$31,075.00
40 DEMOLITION/REMOVALS EXISTING STORM WATER PUMP STATION, SW 7TH STR.	1 LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00 \$10,000.00	\$20,000.00 \$20,000.00	\$20,000.00 \$20,000.00	\$32,058.00	\$32,058.00
41 DEMOLITION/REMOVALS EXISTING STORM WATER PUMP STATION, MLK JR PARKWAY	1 LS	\$56,000.00	\$56,000.00	\$50,000.00	\$50,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$35,313.00 \$43,584.00	\$35,313.00 \$43,584.00
42 CONSTRUCTION SURVEY	1 LS	\$15,000.00	\$15,000.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$8,011.00	\$8,011.00
43 MOBILIZATION	1 LS	\$571,614.00	\$571,614.00	\$50,000.00	\$50,000.00	\$460,600.00	\$460,600.00	\$500,697.00	\$500,697.00	\$206,878.00	\$206,878.00
44 BOLLARD, SCH 40, GALVANIZED, 4" DIA	9 EACH	\$500.00	\$4,500.00	\$700.00	\$6,300.00	\$1,000.00	\$9,000.00	\$700.00	\$6,300.00	\$819.56	\$7,376.04
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TOTAL CONSTRUCTION COST			\$7,425,000.00		\$5,222,900.00		\$5,373,645.00		\$5,380,000.00		\$5,477,980.18
PERCENT OF ENGINEER'S ESTIMATE					-29.66%		-27.63%		-27.54%		-26.22%
					Low .	Bid read under	advisement:				
			1			Resident bidde					
· ·						completed					

DEPARTMENT OF ENGINEERING CITY OF DES MOINES, IOWA

Activity ID 08-2020-005 IDOT Project No: None Bid Date: 9/15/2020

<b>TABULATED</b>	BY:	L.A.	Vaughan
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APPROVED BY

CHECKED BY:

CONTRACTOR'S BID TABULATION

GH.BL. Synergy Contracting, LLC Henkel Construction Company Shank Constructors, Inc. Altoona, IA Mason City, IA BID SECURITY BID SECURITY BID SECURITY PROJECT: DES MOINES RIVER LEVEE PUMP STATION REHABILITATIONS 10% Bid Bond 10% Bid Bond -FSTIMATE---BID PRICE BID PRICE BID PRICE UNIT UNIT LIMIT LIMIT AMOUNT ITEM DESCRIPTION QUANTITY PRICE PRICE PRICE AMOUNT AMOUNT PRICE AMOUNT 1ST & DES MOINES STR. PUMP STATION-STEEL MECHANICAL SCREEN \$335,000.00 2 EACH \$670,000.00 \$245,400.00 \$490,800,00 \$210,691.00 \$421,382.00 SW 5TH STR. PUMP STATION-STEEL MECHANICAL SCREEN 2 EACH \$335,000.00 \$670,000.00 \$306,000.00 \$612,000,00 \$253,612,00 \$507,224,00 Bid not read: Missing total 3 SW 7TH STR. PUMP STATION-STEEL MECHANICAL SCREEN 2 EACH \$335,000.00 \$670,000.00 \$292,800.00 \$585,600.00 \$242.882.00 \$485,764,00 construction cost MLK JR. PARKWAY STR. PUMP STATION-STEEL MECHANICAL SCREEN 3 FACH \$335,000.00 \$1,005,000,00 \$325,200,00 \$975,600,00 \$264,343.33 \$793,029.99 1ST & DES MOINES STR. PUMP STATION-CONTROL BUILDING 1 LS \$140,000.00 \$140,000.00 \$126,000.00 \$126,000.00 \$300,000.00 \$300,000,00 SW 5TH STR. PUMP STATION-CONTROL BUILDING 1 LS \$150,000.00 \$150,000.00 \$100,200.00 \$100,200.00 \$300,000.00 \$300,000.00 SW 7TH STR. PUMP STATION-CONTROL BUILDING 115 \$150,000,00 \$150,000.00 \$100,200.00 \$100,200.00 \$300,000.00 \$300,000.00 MLK JR. PARKWAY PUMP STATION-CONTROL BUILDING 1 LS \$170,000.00 \$170,000.00 \$133,800.00 \$133,800.00 \$329,904.00 \$329,904.00 9 1ST & DES MOINES STR. PUMP STATION-SLUICE GATE ELECTRIC ACTUATOR MODIFICATIONS 1 EACH \$25,000.00 \$25,000.00 \$19,440.00 \$19,440.00 \$14,134.00 \$14.134.00 10 SW 5TH STR. PUMP STATION-SLUICE GATE ELECTRIC ACTUATOR MODIFICATIONS 2 FACH \$35,000,00 \$70,000,00 \$51,000.00 \$102,000.00 \$32,821.00 \$65,642.00 11 SW 7TH STR. PUMP STATION-SLUICE GATE ELECTRIC ACTUATOR MODIFICATIONS 2 FACH \$35,000.00 \$70,000.00 \$48,600.00 \$97,200.00 \$27,238.00 \$54,476.00 12 MLK JR. PARKWAY PUMP STATION-SLUICE GATE ELECTRIC ACTUATOR MODIFICATIONS 2 FACH \$55,000.00 \$110,000.00 \$49,200.00 \$98,400.00 \$25,735.00 \$51,470.00 13 1ST & DES MOINES STR. PUMP STATION-STANDBY GENERATOR 1 LS \$155,000,00 \$192,500,00 \$155,000,00 \$192 500 00 \$151,200,00 \$151,200.00 14 1ST & DES MOINES STR. PUMP STATION-ELECTRICAL AND CONTROLS 1 LS \$455,000.00 \$455,000,00 \$408,100.00 \$408,100,00 \$440,626,00 \$440,626,00 15 SW 5TH STR. PUMP STATION-ELECTRICAL AND CONTROLS 1 LS \$490,000.00 \$490,000.00 \$544,500.00 \$544,500.00 \$581,320.00 \$581,320.00 16 SW 7TH STR. PUMP STATION-ELECTRICAL AND CONTROLS 1 LS \$490,000,00 \$490,000.00 \$581,350,00 \$581,350,00 \$589,720,00 \$589 720 00 17 MLK JR. PARKWAY PUMP STATION-ELECTRICAL AND CONTROLS 1 LS \$825,000,00 \$825,000,00 \$892,500,00 \$892,500,00 \$1,140,947,00 \$1,140,947,00 18 1ST & DES MOINES STR. PUMP STATION-MISCELLANEOUS METALS 1 LS \$4,700.00 \$4,700.00 \$3,600.00 \$3,600.00 \$31,772.00 \$31,772.00 SW 5TH STR. PUMP STATION-MISCELLANEOUS METALS 1 LS \$4,100,00 \$3,600.00 \$4,100.00 \$3,600.00 \$23,770.00 \$23,770.00 20 SW 7TH STR. PUMP STATION-MISCELLANEOUS METALS 1 LS \$4,100.00 \$3,600.00 \$3,600.00 \$4,100,00 \$22,948.00 \$22,948.00 MLK JR. PARKWAY PUMP STATION-MISCELLANEOUS METALS 115 \$10,500,00 \$7,200.00 \$10,500,00 \$7,200,00 \$62,780.00 \$62,780.00 SUBMERSIBLE VERTICAL PROPELLER PUMP REFURBISHMENTS 1 LS \$250,000,00 \$250,000,00 \$261,800,00 \$261,800.00 \$262,145.00 \$262,145.00 TOPSOIL, ON-SITE, STRIP, SALVAGE & SPREAD 280 CY \$25.00 \$7,000.00 \$36.00 \$10,080,00 \$31.50 \$8,820,00 24 DRIVEWAY REMOVAL, P.C. CONCRETE 60 SY \$25.00 \$1,500.00 \$24.00 \$1,440.00 \$57.75 \$3,465,00 25 DRIVEWAY REMOVAL, GRAVEL 140 TON \$12.00 \$1,680,00 \$12,00 \$1,680.00 \$22.05 \$3,087,00 26 SIDEWALK, P.C. CONCRETE, 4" 66 SY \$100.00 \$6,600.00 \$78.00 \$5,148.00 \$137.00 \$9,042,00 27 DRIVEWAY P.C. CONCRETE 7" 81 SY \$160.00 \$12,960.00 \$90.00 \$7,290.00 \$177.00 \$14,337.00 DRIVEWAY, GRANULAR SURFACING, CLASS A, 6" 75 TON \$55.00 \$4 125 00 \$42.00 \$3,150.00 \$60.00 \$4,500.00 HYDRAULIC SEEDING, FERTILIZING, MULCHING, AND WATERING, TYPE 1 1452 SY \$3.00 \$4,356,00 \$12.00 \$17,424.00 \$8.60 \$12,487.20 30 SILT FENCE, INSTALLATION, MAINTENANCE, AND REMOVAL 450 IF \$4.00 \$1,800,00 \$6.00 \$2,700.00 \$5.00 \$2,250.00 CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT 290 LF \$55.00 \$15,950,00 \$42.00 \$12,180.00 \$32.70 \$9 483 00 32 GATE, CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT, 18' WIDE DOUBLE SWING 1 EACH \$10,000,00 \$10,000,00 \$2,160,00 \$2,160,00 \$1,800,00 \$1,800,00 33 GATE, CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT, 26' WIDE DOUBLE SWING \$13,000.00 1 FACH \$13,000.00 \$2,760,00 \$2,760.00 \$2,492.00 \$2,492,00 34 PEDESTRIAN GATE, CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT, 4' WIDE 1 EACH \$4,000,00 \$4,000,00 \$600.00 \$600,00 \$490.00 \$490.00 35 BARBED WIRE, TYPE I SLANTED SUPPORTING ARM 312 LF \$10.00 \$3,120,00 \$5.00 \$1,560,00 \$3.25 \$1.014.00 36 REMOVAL AND REINSTALLATION OF EXISTING FENCE \$1,200.00 \$1,560.00 30 IF \$40.00 \$60.00 \$1,800.00 \$52.00 REMOVAL OF FENCE 13 LF \$15.00 \$195.00 \$12.00 \$156.00 \$11.54 \$150.02 38 DEMOLITION/REMOVALS EXISTING STORM WATER PUMP STATION, 1ST & DES MOINES STR. 1 LS \$42,000.00 \$42,000.00 \$36,000.00 \$36,000.00 \$52,140,00 \$52,140,00 39 DEMOLITION/REMOVALS EXISTING STORM WATER PUMP STATION, SW 5TH STR. \$30,000.00 \$45,600.00 \$45,600.00 115 \$30,000,00 \$17.344.00 \$17,344.00 40 DEMOLITION/REMOVALS EXISTING STORM WATER PUMP STATION, SW 7TH STR. 115 \$30,000.00 \$30,000.00 \$49,200.00 \$49,200.00 \$17,344.00 \$17,344.00 41 DEMOLITION/REMOVALS EXISTING STORM WATER PUMP STATION, MLK JR PARKWAY 1 LS \$56,000.00 \$56,000.00 \$67,200.00 \$67,200.00 \$55,088.00 \$55,088,00 42 CONSTRUCTION SURVEY \$15,000.00 \$12,000.00 118 \$15,000.00 \$12,000.00 \$6,300.00 \$6,300.00 43 MOBILIZATION 115 \$571,614.00 \$571,614.00 \$173,600.00 \$173,600.00 \$300,000.00 \$300,000.00 44 BOLLARD, SCH 40, GALVANIZED, 4" DIA 9 EACH \$500.00 \$4,500.00 \$360.00 \$3,240.00 \$440.00 \$3,960.00 TOTAL CONSTRUCTION COST \$7,425,000.00 \$6,796,958.00 \$7,457,407.21 PERCENT OF ENGINEER'S ESTIMATE -8.46% +0.44%