

DATE November 5, 2018

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON FOUR MILE CREEK WETLAND AT E. 34TH STREET AND S.E. 14TH STREET BIOSWALES; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS MPS ENGINEERS, P.C. DBA KINGSTON SERVICES, P.C., UMESH G. SHETYE, PRESIDENT, \$395,924.50

WHEREAS, on October 8, 2018, under Roll Call No. 18-1651, 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:

Four Mile Creek Wetland at E. 34th Street and S.E. 14th Street Bioswales, 08-2018-004

CRDL WBMBALM, Urban17WQI--008

The improvement includes excavation, modified soil backfill, subdrain, Reinforced Concrete Pipe (RCP), storm sewer control structures, riprap revetment, native grass, conventional seeding, wetland plantings, and other associated and incidental items; all in accordance with contract documents, including Plan File Nos. 598-132/150, located along S.E. 14th Street near McKinley Avenue and 2403 E. 34th Street, 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:

DATE November 5, 2018

MPS Engineers, P.C. dba Kingston Services, P.C.	Des Moines, IA
J & K Contracting, LLC	Urbandale, IA
OnTrack	Nevada, IA
Elder Corporation	Des Moines, IA
Synergy Contracting, LLC	Bondurant, IA
Rognes Corp.	Ankeny, IA
TK Concrete, Inc.	Pella, IA
	Bid not read – Proposal page 2 missing

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 October 23, 2018. 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 MPS Engineers, P.C. dba Kingston Services, P.C., Umesh G. Shetye, President, 1444 Illinois Street, Des Moines, IA, 50314 in the amount of \$395,924.50, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

★ **Roll Call Number**

Agenda Item Number

49

DATE November 5, 2018

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.

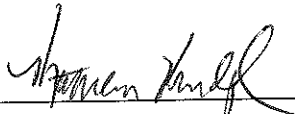
BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

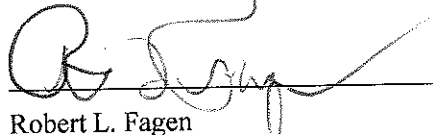
(City Council Communication Number 18.538 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE


 Kathleen Vanderpool
 Deputy City Attorney


 Robert L. Fagen
 Des Moines Finance Director

SLN Funding Source: 2018-2019 CIP, Page Storm – 4, City-wide Storm Water Utility Projects, SM057, Storm Water Utility Funds, Being: Anticipated \$164,765 in IDNR Clean Water Act Section 319 EPA Grants funds, \$75,000 U.S. Dept. of Agriculture, Iowa Department Agricultural Land Stewardship Grant funding, (50% of construction costs, \$75,000 maximum); and the remaining \$156,159.50 Storm Water Utility Funds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

 Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, 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: B. Rydberg
CHECKED BY: _____

APPROVED BY: B. Rydberg

BID DATE: 10/23/18

CONTRACTOR'S BID TABULATION

PROJECT: FOUR MILE CREEK WETLAND AT E. 34TH STREET AND S.E. 14TH STREET BIOSWALES

ESTIMATE

		MPS Engineers, P.C. dba Kingston Services, P.C. Des Moines, IA CONTRACTOR		J & K Contracting Urbandale, IA CONTRACTOR		On Track Construction Nevada, IA CONTRACTOR		Elder Corporation Des Moines, IA CONTRACTOR		
		BID SECURITY 10% Bid Bond		BID SECURITY Bid Bond \$48,000		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		
		BID PRICE		BID PRICE		BID PRICE		BID PRICE		
ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	CLEARING AND GRUBBING	2.10 ACRE	\$2,500.00	\$5,250.00	\$4,650.00	\$9,765.00	\$5,000.00	\$10,500.00	\$5,150.00	\$10,815.00
2	EXCAVATION, CLASS 10	7370.00 CY	\$15.00	\$110,550.00	\$15.00	\$110,550.00	\$10.00	\$73,700.00	\$20.00	\$147,400.00
3	ON-SITE TOPSOIL	1685.00 CY	\$10.00	\$16,850.00	\$12.00	\$20,220.00	\$30.00	\$50,550.00	\$20.00	\$33,700.00
4	AGGREGATE SUBBASE, ASTM D-57	68.00 CY	\$65.00	\$4,290.00	\$64.00	\$4,224.00	\$70.00	\$4,620.00	\$75.00	\$4,950.00
5	CHOKER AGGREGATED, ASTM NO. 8	17.00 CY	\$80.00	\$1,360.00	\$86.00	\$1,462.00	\$90.00	\$1,530.00	\$115.00	\$1,955.00
6	HARDWOOD MULCH	30.00 CY	\$90.00	\$2,700.00	\$45.00	\$1,350.00	\$20.00	\$600.00	\$110.00	\$3,300.00
7	MODIFIED SOIL	120.00 CY	\$50.00	\$6,000.00	\$65.00	\$7,800.00	\$100.00	\$12,000.00	\$150.00	\$18,000.00
8	SANITARY SEWER, GRAVITY MAIN (DIP), TRENCHED, 6"	50.00 LF	\$250.00	\$12,500.00	\$312.00	\$15,600.00	\$85.00	\$4,250.00	\$180.00	\$9,000.00
9	STORM SEWER, TRENCHED, TRENCHED, RCP, 18"	38.00 LF	\$80.00	\$3,040.00	\$84.00	\$3,192.00	\$95.00	\$3,610.00	\$120.00	\$4,560.00
10	PIPE APRON, 6"	1.00 EACH	\$1,500.00	\$1,500.00	\$700.00	\$700.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
11	PIPE APRON, 18"	2.00 EACH	\$3,000.00	\$6,000.00	\$2,150.00	\$4,300.00	\$1,500.00	\$3,000.00	\$1,800.00	\$3,600.00
12	PIPE APRON GUARD, 6"	1.00 EACH	\$750.00	\$750.00	\$750.00	\$750.00	\$200.00	\$200.00	\$250.00	\$250.00
13	PIPE APRON GUARD, 18"	2.00 EACH	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00
14	SUBDRAIN RISER, 6 IN., AS PER PLAN	5.00 EACH	\$2,000.00	\$10,000.00	\$1,785.00	\$8,925.00	\$725.00	\$3,625.00	\$1,500.00	\$7,500.00
15	SUBDRAIN, PVC, STANDARD, NON-PERFERATED, 6 IN.	450.00 LF	\$25.00	\$11,250.00	\$21.00	\$9,450.00	\$20.00	\$9,000.00	\$29.00	\$13,050.00
16	SUBDRAIN, PVC, STANDARD, NON-PERFERATED, 6 IN.	370.00 LF	\$25.00	\$9,250.00	\$21.00	\$7,770.00	\$15.00	\$5,550.00	\$30.00	\$11,100.00
17	SUBDRAIN OUTLET	5.00 EACH	\$250.00	\$1,250.00	\$350.00	\$1,750.00	\$200.00	\$1,000.00	\$500.00	\$2,500.00
18	VALVE, GATE, DIP, 6 IN.	5.00 EACH	\$2,000.00	\$10,000.00	\$1,650.00	\$8,250.00	\$2,000.00	\$10,000.00	\$2,100.00	\$10,500.00
19	REMOVAL OF PAVED DRIVEWAY	66.00 SY	\$15.00	\$990.00	\$12.00	\$792.00	\$50.00	\$3,300.00	\$30.00	\$1,980.00
20	DRIVEWAY P.C. CONCRETE, 7 IN.	66.00 SY	\$80.00	\$5,280.00	\$66.00	\$3,696.00	\$140.00	\$9,240.00	\$90.00	\$5,940.00
21	CONVENTIONAL SEEDING, NATIVE GRASS & FORBS	1.50 ACRE	\$3,000.00	\$4,500.00	\$2,950.00	\$4,425.00	\$4,000.00	\$6,000.00	\$2,000.00	\$3,000.00
22	CONVENTIONAL SEEDING, TYPE 1	0.20 ACRE	\$3,000.00	\$600.00	\$5,000.00	\$1,000.00	\$7,000.00	\$1,400.00	\$3,000.00	\$600.00
23	CONVENTIONAL SEEDING, TYPE 2	0.20 ACRE	\$2,500.00	\$500.00	\$5,000.00	\$1,000.00	\$7,000.00	\$1,400.00	\$3,000.00	\$600.00
24	CONVENTIONAL SEEDING, WETLAND	0.80 ACRE	\$4,000.00	\$3,200.00	\$3,450.00	\$2,070.00	\$5,000.00	\$3,000.00	\$3,000.00	\$1,800.00
25	WETLAND PLANT PLUGS	2000.00 EACH	\$5.00	\$10,000.00	\$8.00	\$16,000.00	\$11.00	\$22,000.00	\$3.30	\$6,600.00
26	SWPPP PREPARATION	1.00 LS	\$5,000.00	\$5,000.00	\$2,200.00	\$2,200.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00
27	FILTER SOCKS, INSTALLED	1650.00 LF	\$4.00	\$6,600.00	\$1.25	\$2,062.50	\$2.00	\$3,300.00	\$2.30	\$3,795.00
28	FILTER SOCKS, REMOVAL	1000.00 LF	\$0.50	\$500.00	\$0.25	\$250.00	\$0.25	\$250.00	\$0.30	\$300.00
29	TEMPORARY ROLLED EROSION CONTROL (RECP), TYPE 2.B	1000.00 SY	\$3.00	\$3,000.00	\$1.35	\$1,350.00	\$1.00	\$1,000.00	\$3.00	\$3,000.00
30	TEMPORARY ROLLED EROSION CONTROL (RECP), TYPE 3.B	2680.00 SY	\$5.00	\$14,400.00	\$1.50	\$4,320.00	\$2.00	\$5,760.00	\$2.50	\$7,200.00
31	RIPRAP, CLASS A REVETMENT	17.00 TON	\$100.00	\$1,700.00	\$112.00	\$1,904.00	\$95.00	\$1,615.00	\$95.00	\$1,615.00
32	RIPRAP, CLASS D REVETMENT	109.00 TON	\$100.00	\$10,900.00	\$88.00	\$9,592.00	\$100.00	\$10,900.00	\$95.00	\$10,355.00
33	SILT FENCE DITCH CHECK	170.00 LF	\$4.00	\$680.00	\$4.00	\$680.00	\$2.00	\$340.00	\$1.50	\$255.00
34	TURF REINFORCEMENT MAT (TRM), TYPE 3	33.00 SQ	\$100.00	\$3,300.00	\$120.00	\$3,960.00	\$150.00	\$4,950.00	\$65.00	\$2,145.00
35	CONSTRUCTION SURVEY	1.00 LS	\$8,000.00	\$8,000.00	\$10,165.00	\$10,165.00	\$16,640.00	\$16,640.00	\$8,000.00	\$8,000.00
36	MOBILIZATION	1.00 LS	\$11,810.00	\$11,810.00	\$32,000.00	\$32,000.00	\$20,295.00	\$20,295.00	\$35,000.00	\$35,000.00
37	CONCRETE DRY FILTER BOX	14.00 EACH	\$2,500.00	\$35,000.00	\$2,000.00	\$28,000.00	\$3,000.00	\$42,000.00	\$2,000.00	\$28,000.00
38	CURB AND GUTTER REMOVAL	14.00 EACH	\$2,000.00	\$28,000.00	\$1,200.00	\$16,800.00	\$450.00	\$6,300.00	\$1,200.00	\$16,800.00
39	DITCH/CHANNEL SHAPING	1.00 LS	\$5,000.00	\$5,000.00	\$9,800.00	\$9,800.00	\$7,000.00	\$7,000.00	\$12,000.00	\$12,000.00
40	INLINE WATER LEVEL CONTROL STRUCTURE	1.00 LS	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$15,000.00	\$15,000.00	\$6,750.00	\$6,750.00
41	PERFORATEED RISER OUTLET STRUCTURE	1.00 LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$4,650.00	\$4,650.00
42	SPECIAL CURB	10.00 EACH	\$750.00	\$7,500.00	\$900.00	\$9,000.00	\$3,000.00	\$30,000.00	\$3,000.00	\$30,000.00
43	TRAFFIC CONTROL	1.00 LS	\$8,000.00	\$8,000.00	\$4,800.00	\$4,800.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
TOTAL CONSTRUCTION COST				\$400,000.00		\$395,924.50		\$425,425.00		\$486,065.00
PERCENT OF ENGINEER'S ESTIMATE						-1.02%		+6.36%		+21.52%
						Low				

619

TABULATED BY: B. Rydberg APPROVED BY: _____
CHECKED BY: _____

BID DATE: 10/23/18

CONTRACTOR'S BID TABULATION

PROJECT: FOUR MILE CREEK WETLAND AT E. 34TH STREET AND S.E. 14TH STREET BIOSWALES

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		CONTRACTOR
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
1	CLEARING AND GRUBBING	2.10 ACRE	\$2,500.00	\$5,250.00	\$6,300.00	\$13,230.00	\$3,300.00	\$6,930.00			TK Concrete, inc. Pella, IA CONTRACTOR
2	EXCAVATION, CLASS 10	7370.00 CY	\$15.00	\$110,550.00	\$21.00	\$154,770.00	\$33.00	\$243,210.00			BID SECURITY 10% Bid Bond
3	ON-SITE TOPSOIL	1685.00 CY	\$10.00	\$16,850.00	\$14.00	\$23,590.00	\$21.00	\$35,385.00			BID PRICE
4	AGGREGATE SUBBASE, ASTM D-57	66.00 CY	\$65.00	\$4,290.00	\$112.00	\$7,392.00	\$80.00	\$5,280.00			BID SECURITY 10% Bid Bond
5	CHOKER AGGREGATED, ASTM NO. 8	17.00 CY	\$80.00	\$1,360.00	\$133.00	\$2,261.00	\$137.00	\$2,329.00			BID PRICE
6	HARDWOOD MULCH	30.00 CY	\$90.00	\$2,700.00	\$70.00	\$2,100.00	\$37.00	\$1,110.00			
7	MODIFIED SOIL	120.00 CY	\$50.00	\$6,000.00	\$70.00	\$8,400.00	\$50.00	\$6,000.00			
8	SANITARY SEWER, GRAVITY MAIN (DIP), TRENCHED, 6"	50.00 LF	\$250.00	\$12,500.00	\$144.20	\$7,210.00	\$153.00	\$7,650.00			
9	STORM SEWER, TRENCHED, TRENCHED, RCP, 18"	38.00 LF	\$80.00	\$3,040.00	\$116.20	\$4,415.60	\$206.00	\$7,828.00			
10	PIPE APRON, 6"	1.00 EACH	\$1,500.00	\$1,500.00	\$420.00	\$420.00	\$522.00	\$522.00			
11	PIPE APRON, 18"	2.00 EACH	\$3,000.00	\$6,000.00	\$2,240.00	\$4,480.00	\$2,545.00	\$5,090.00			
12	PIPE APRON GUARD, 6"	1.00 EACH	\$750.00	\$750.00	\$280.00	\$280.00	\$622.00	\$622.00			
13	PIPE APRON GUARD, 18"	2.00 EACH	\$1,000.00	\$2,000.00	\$1,260.00	\$2,520.00	\$983.00	\$1,966.00			
14	SUBDRAIN RISER, 6 IN., AS PER PLAN	5.00 EACH	\$2,000.00	\$10,000.00	\$280.00	\$1,400.00	\$2,200.00	\$11,000.00			
15	SUBDRAIN, PVC, STANDARD, NON-PERFERATED, 6 IN.	450.00 LF	\$25.00	\$11,250.00	\$29.40	\$13,230.00	\$28.00	\$12,600.00			
16	SUBDRAIN, PVC, STANDARD, PERFERATED, 6 IN.	370.00 LF	\$25.00	\$9,250.00	\$29.40	\$10,878.00	\$28.00	\$10,360.00			
17	SUBDRAIN OUTLET	5.00 EACH	\$250.00	\$1,250.00	\$560.00	\$2,800.00	\$275.00	\$1,375.00			
18	VALVE, GATE, DIP, 6 IN.	5.00 EACH	\$2,000.00	\$10,000.00	\$1,540.00	\$7,700.00	\$2,200.00	\$11,000.00			
19	REMOVAL OF PAVED DRIVEWAY	66.00 SY	\$15.00	\$990.00	\$11.20	\$739.20	\$49.00	\$3,234.00			
20	DRIVEWAY P.C. CONCRETE, 7 IN.	66.00 SY	\$80.00	\$5,280.00	\$112.00	\$7,392.00	\$117.00	\$7,722.00			
21	CONVENTIONAL SEEDING, NATIVE GRASS & FORBS	1.50 ACRE	\$3,000.00	\$4,500.00	\$2,730.00	\$4,095.00	\$2,100.00	\$3,150.00			
22	CONVENTIONAL SEEDING, TYPE 1	0.20 ACRE	\$3,000.00	\$600.00	\$3,850.00	\$770.00	\$2,900.00	\$580.00			
23	CONVENTIONAL SEEDING, TYPE 2	0.20 ACRE	\$2,500.00	\$500.00	\$4,200.00	\$840.00	\$3,150.00	\$630.00			
24	CONVENTIONAL SEEDING, WETLAND	0.60 ACRE	\$4,000.00	\$2,400.00	\$4,200.00	\$2,520.00	\$3,150.00	\$1,890.00			
25	WETLAND PLANT PLUGS	2000.00 EACH	\$5.00	\$10,000.00	\$4.20	\$8,400.00	\$3.50	\$7,000.00			
26	SWPPP PREPARATION	1.00 LS	\$5,000.00	\$5,000.00	\$700.00	\$700.00	\$525.00	\$525.00			
27	FILTER SOCKS, INSTALLED	1650.00 LF	\$4.00	\$6,600.00	\$2.80	\$4,620.00	\$3.00	\$4,950.00			
28	FILTER SOCKS, REMOVAL	1000.00 LF	\$0.50	\$500.00	\$0.35	\$350.00	\$0.50	\$500.00			
29	TEMPORARY ROLLED EROSION CONTROL (RECP), TYPE 2.B	1000.00 SY	\$3.00	\$3,000.00	\$4.20	\$4,200.00	\$3.00	\$3,000.00			
30	TEMPORARY ROLLED EROSION CONTROL (RECP), TYPE 3.B	2880.00 SY	\$5.00	\$14,400.00	\$3.50	\$10,080.00	\$3.00	\$8,640.00			
31	RIPRAP, CLASS A REVETMENT	17.00 TON	\$100.00	\$1,700.00	\$140.00	\$2,380.00	\$138.00	\$2,346.00			
32	RIPRAP, CLASS D REVETMENT	109.00 TON	\$100.00	\$10,900.00	\$98.00	\$10,682.00	\$73.00	\$7,957.00			
33	SILT FENCE DITCH CHECK	170.00 LF	\$4.00	\$680.00	\$2.80	\$476.00	\$2.00	\$340.00			
34	TURF REIMFORCEMENT MAT (TRM), TYPE 3	33.00 SQ	\$100.00	\$3,300.00	\$91.00	\$3,003.00	\$68.00	\$2,244.00			
35	CONSTRUCTION SURVEY	1.00 LS	\$8,000.00	\$8,000.00	\$25,200.00	\$25,200.00	\$20,000.00	\$20,000.00			
36	MOBILIZATION	1.00 LS	\$11,610.00	\$11,610.00	\$21,000.00	\$21,000.00	\$52,000.00	\$52,000.00			
37	CONCRETE DRY FILTER BOX	14.00 EACH	\$2,500.00	\$35,000.00	\$5,600.00	\$78,400.00	\$3,000.00	\$42,000.00			
38	CURB AND GUTTER REMOVAL	14.00 EACH	\$2,000.00	\$28,000.00	\$2,800.00	\$39,200.00	\$1,450.00	\$20,300.00			
39	DITCH/CHANNEL SHAPING	1.00 LS	\$5,000.00	\$5,000.00	\$14,000.00	\$14,000.00	\$5,100.00	\$5,100.00			
40	INLINE WATER LEVEL CONTROL STRUCTURE	1.00 LS	\$7,000.00	\$7,000.00	\$4,900.00	\$4,900.00	\$3,200.00	\$3,200.00			
41	PERFORATEED RISER OUTLET STRUCTURE	1.00 LS	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$3,200.00	\$3,200.00			
42	SPECIAL CURB	10.00 EACH	\$750.00	\$7,500.00	\$1,400.00	\$14,000.00	\$905.00	\$9,050.00			
43	TRAFFIC CONTROL	1.00 LS	\$8,000.00	\$8,000.00	\$8,400.00	\$8,400.00	\$12,000.00	\$12,000.00			
TOTAL CONSTRUCTION COST				\$400,000.00		\$536,923.80		\$591,915.00			
PERCENT OF ENGINEER'S ESTIMATE						+34.23%		+47.98%			

Bid Not Read
Page 2 of Proposal
missing

67