

DATE November 18, 2019

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON LEETOWN CREEKWAY BOX CULVERT FROM DEAN AVENUE TO U.P.R.R.; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS S. M. HENTGES & SONS INC., STEVEN M. HENTGES, PRESIDENT, \$5,424,221.00

WHEREAS, on October 14, 2019, under Roll Call No. 19-1571, 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:

Leetown Creekway Box Culvert from Dean Avenue to U.P.R.R., 08-2018-001

The improvement includes constructing new Reinforced Concrete Box (RCB) storm sewer sizes 4 feet x 4 feet, 6 feet x 6 feet, and 12 feet x 7 feet, Reinforced Concrete Pipe (RCP) storm sewer sizes 15-inches to 42-inches, trenchless installation of 84-inch steel casing pipe, precast manholes and intakes, Ductile Iron (DI) sanitary sewer sizes 6-inches to 12-inches, Poly Vinyl Chloride (PVC) storm sewer size 10-inch, PVC water service 4-inch, 6-inch and 10-inch Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC curb and gutter, earthwork and grading, erosion control, fencing, and restoration and other associated and incidental items; all in accordance with contract documents, including Plan File Nos.613-001/033, located near E. 32nd Street from Dean Avenue to the Union Pacific Railroad, 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:

- | | |
|-----------------------------|---|
| S. M. Hentges & Sons Inc. | Jordan, MN |
| Peterson Contractors, Inc. | Reinbeck, IA |
| Synergy Contracting, LLC | Bondurant, IA - Bid not read – Bid Bond not signed by surety |
| Progressive Structures, LLC | Elkader, IA - Bid not read – Addendum not submitted with Proposal |
| Rognes Corp. | Ankeny, IA - Bid not read – Addendum not submitted with 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 October 29, 2019. 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 S. M. Hentges & Sons Inc., Steven M. Hentges, President, 650 Quaker Avenue, Suite 200, Jordan, MN, 55352 in the amount of \$5,424,221.00, 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 necessary road closures for the Project.

(City Council Communication Number 19-491 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool by AD
Kathleen Vanderpool
Deputy City Attorney

Robert L. Fagen
Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Storm – 10, Leetown Creekway - Outlet Improvements, SM075, Storm Water Utility Funds

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

MOTION CARRIED

APPROVED

Mayor

I, P. Kay Cmelik, 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: M. Radermacher
CHECKED BY: *[Signature]*

APPROVED BY: *[Signature]*

CONTRACTOR'S BID TABULATION

PROJECT: LEETOWN CREEKWAY BOX CULVERT FROM DEAN AVE TO UPRR

ESTIMATE

S.M. Hentges & Sons, Inc.
Jordan, MN

BID SECURITY
10% Bid Bond

BID PRICE

Peterson Contractors Inc.
Reinbeck, IA

BID SECURITY
10% Bid Bond

BID PRICE

Synergy Contracting
Bondurant, IA

BID SECURITY

BID PRICE

Progressive Structures
Elkader, IA

BID SECURITY
10% Bid Bond

BID PRICE

Rognes Corporation
Ankeny, IA

BID SECURITY
10% Bid Bond

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	Traffic Control	1	LS	\$7,500.00	\$7,500.00	\$25,000.00	\$25,000.00	\$8,000.00	\$8,000.00					
2	Clearing & Grubbing	1	LS	\$75,000.00	\$75,000.00	\$50,000.00	\$50,000.00	\$34,500.00	\$34,500.00					
3	Excavation, Class 10	4600	CY	\$30.00	\$138,000.00	\$15.00	\$69,000.00	\$45.00	\$207,000.00					
4	Trench Foundation	1000	TONS	\$35.00	\$35,000.00	\$35.00	\$35,000.00	\$41.00	\$41,000.00					
5	PCC Pipe Encasement	100	LF	\$200.00	\$20,000.00	\$335.00	\$33,500.00	\$350.00	\$35,000.00					
6	Ductile Iron (D.I.) Sanitary Sewer, 6"	60	LF	\$300.00	\$18,000.00	\$475.00	\$28,500.00	\$315.00	\$18,900.00					
7	Ductile Iron (D.I.) Sanitary Sewer, 12"	100	LF	\$450.00	\$45,000.00	\$293.00	\$29,300.00	\$600.00	\$60,000.00					
8	PVC Storm Sewer, 10"	25	LF	\$175.00	\$4,375.00	\$213.00	\$5,325.00	\$200.00	\$5,000.00					
9	Reinforced Concrete Pipe (RCP), 15"	26	LF	\$250.00	\$6,500.00	\$344.00	\$8,944.00	\$200.00	\$5,200.00					
10	Reinforced Concrete Pipe (RCP), 24"	6	LF	\$250.00	\$1,500.00	\$1,320.00	\$7,920.00	\$300.00	\$1,800.00					
11	Reinforced Concrete Pipe (RCP), 36"	5	LF	\$300.00	\$1,500.00	\$622.00	\$3,110.00	\$350.00	\$1,750.00					
12	Reinforced Concrete Pipe (RCP), 42"	29	LF	\$350.00	\$10,150.00	\$315.00	\$9,135.00	\$400.00	\$11,600.00					
13	Steel Casing Pipe, 84" ID, Trenchless	627	LF	\$3,350.00	\$2,100,450.00	\$2,515.00	\$1,576,905.00	\$3,573.00	\$2,240,271.00					
14	Reinforced Concrete Box (RCB) Culvert, 4'x4'	617	LF	\$525.00	\$323,925.00	\$950.00	\$586,150.00	\$2,661.30	\$1,642,022.10					
15	Reinforced Concrete Box (RCB) Culvert, 6'x6'	35	LF	\$800.00	\$28,000.00	\$1,000.00	\$35,000.00	\$2,150.00	\$75,250.00					
16	Reinforced Concrete Box (RCB) Culvert, 12'x7'	623	LF	\$1,400.00	\$872,200.00	\$1,650.00	\$1,027,950.00	\$3,327.75	\$2,073,188.25					
17	Reinforced Concrete Box (RCB) Culvert, 4'x4', Haul & Install	48	LF	\$300.00	\$14,400.00	\$500.00	\$24,000.00	\$1,725.00	\$82,800.00					
18	Reinforced Concrete Box (RCB) Culvert, 12'x7', Haul & Install	42	LF	\$900.00	\$37,800.00	\$500.00	\$21,000.00	\$1,925.00	\$80,850.00					
19	RCB End Section, 4'x4'	1	EA	\$6,000.00	\$6,000.00	\$6,350.00	\$6,350.00	\$6,500.00	\$6,500.00					
20	RCB End Section, 6'x6'	1	EA	\$8,000.00	\$8,000.00	\$7,250.00	\$7,250.00	\$7,500.00	\$7,500.00					
21	RCB End Section, 12'x7'	1	EA	\$10,000.00	\$10,000.00	\$16,320.00	\$16,320.00	\$16,500.00	\$16,500.00					
22	12'x7' RCB Connection Collar	1	EA	\$40,000.00	\$40,000.00	\$34,250.00	\$34,250.00	\$36,000.00	\$36,000.00					
23	4'x4' RCB Connection Collar	1	EA	\$25,000.00	\$25,000.00	\$19,000.00	\$19,000.00	\$25,000.00	\$25,000.00					
24	6'x6' RCB Plug	1	EA	\$5,000.00	\$5,000.00	\$12,400.00	\$12,400.00	\$5,725.00	\$5,725.00					
25	Culvert/Sewer Abandonment	10	CY	\$350.00	\$3,500.00	\$190.00	\$1,900.00	\$250.00	\$2,500.00					
26	Removal of Sewer, 6"	60	LF	\$15.00	\$900.00	\$14.00	\$840.00	\$20.00	\$1,200.00					
27	Removal of Sewer, 10"	40	LF	\$15.00	\$600.00	\$14.00	\$560.00	\$20.00	\$800.00					
28	Removal of Sewer, 12"	100	LF	\$15.00	\$1,500.00	\$17.00	\$1,700.00	\$20.00	\$2,000.00					
29	Removal of Sewer, 24"	5	LF	\$40.00	\$200.00	\$36.00	\$180.00	\$50.00	\$250.00					
30	Removal of Sewer, 42"	20	LF	\$40.00	\$800.00	\$40.00	\$800.00	\$50.00	\$1,000.00					
31	Removal of Concrete Box Culvert	330	LF	\$200.00	\$66,000.00	\$219.00	\$72,270.00	\$1,037.58	\$342,401.40					
32	Removal of Dean Avenue Tee Box Culvert	30	LF	\$500.00	\$15,000.00	\$413.00	\$12,390.00	\$400.00	\$12,000.00					
33	Removal of RCP Apron, 24"	1	EA	\$500.00	\$500.00	\$410.00	\$410.00	\$800.00	\$800.00					
34	Removal of RCP Apron, 42"	1	EA	\$500.00	\$500.00	\$632.00	\$632.00	\$1,500.00	\$1,500.00					
35	Pipe Apron, 24" RCP	1	EA	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00					
36	Pipe Apron, 84" RCP	6	EA	\$7,500.00	\$45,000.00	\$18,400.00	\$110,400.00	\$9,500.00	\$57,000.00					
37	Footing for 24" RCP Apron	1	EA	\$2,000.00	\$2,000.00	\$2,940.00	\$2,940.00	\$750.00	\$750.00					
38	Footing for 84" RCP Apron	6	EA	\$5,000.00	\$30,000.00	\$5,265.00	\$31,590.00	\$5,500.00	\$33,000.00					
39	Footing for 4'x4' RCB End Section	1	EA	\$3,000.00	\$3,000.00	\$4,580.00	\$4,580.00	\$1,650.00	\$1,650.00					
40	Footing for 6'x6' RCB End Section	1	EA	\$4,000.00	\$4,000.00	\$5,900.00	\$5,900.00	\$2,100.00	\$2,100.00					
41	Footing for 12'x7' RCB End Section	1	EA	\$5,000.00	\$5,000.00	\$7,400.00	\$7,400.00	\$3,425.00	\$3,425.00					
42	Water Service, 4" C900, DR-14	400	LF	\$75.00	\$30,000.00	\$154.00	\$61,600.00	\$125.00	\$50,000.00					
43	Gate Valve	1	EA	\$2,500.00	\$2,500.00	\$2,080.00	\$2,080.00	\$2,250.00	\$2,250.00					
44	Meter Pit	1	LS	\$5,000.00	\$5,000.00	\$7,650.00	\$7,650.00	\$7,000.00	\$7,000.00					
45	Prepare Excavation for Tapping Sleeve & Valve	1	LS	\$7,500.00	\$7,500.00	\$5,360.00	\$5,360.00	\$8,000.00	\$8,000.00					
46	Manhole, SW-405, Modified	2	EA	\$4,000.00	\$8,000.00	\$2,635.00	\$5,270.00	\$4,750.00	\$9,500.00					
47	Intake, SW-511	2	EA	\$4,000.00	\$8,000.00	\$4,600.00	\$9,200.00	\$6,500.00	\$13,000.00					
48	Remove Manhole or Intake	2	EA	\$1,000.00	\$2,000.00	\$860.00	\$1,720.00	\$2,000.00	\$4,000.00					

Bid Not Read -
Bid Bond not signed
by surety

Bid Not Read -
Incorrect proposal page
submitted; Addendum page
was not used

Bid Not Read -
Incorrect proposal page
submitted; Addendum page
was not used

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49	PCC Pavement, 10"	360 SY	\$100.00	\$36,000.00	\$130.00	\$46,800.00	\$110.00	\$39,600.00
50	PCC Curb and Gutter, 2.5' Wide, 6" Thick	30 LF	\$50.00	\$1,500.00	\$120.00	\$3,600.00	\$114.00	\$3,420.00
51	HMA Pavement	40 TON	\$200.00	\$8,000.00	\$262.00	\$10,480.00	\$250.00	\$10,000.00
52	PCC Sidewalk, 6"	100 SY	\$75.00	\$7,500.00	\$58.00	\$5,800.00	\$100.00	\$10,000.00
53	Granular Surfacing, Class A Crushed Stone	2000 TON	\$30.00	\$60,000.00	\$28.00	\$56,000.00	\$29.00	\$58,000.00
54	Pavement Removal	600 SY	\$15.00	\$9,000.00	\$7.50	\$4,500.00	\$15.00	\$9,000.00
55	Railroad Bridge Removal	1 LS	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$110,000.00	\$110,000.00
56	Railroad Track Removal	75 LF	\$30.00	\$2,250.00	\$47.00	\$3,525.00	\$37.00	\$2,775.00
57	Railroad Track Removal & Salvage	160 LF	\$75.00	\$12,000.00	\$45.00	\$7,200.00	\$73.00	\$11,680.00
58	Seeding, Fertilizing, Mulching for Hydraulic Seeding (Type 1)	4 ACRE	\$3,000.00	\$12,000.00	\$3,570.00	\$14,280.00	\$3,400.00	\$13,600.00
59	Stormwater Pollution Prevention	1 LS	\$7,500.00	\$7,500.00	\$4,725.00	\$4,725.00	\$4,500.00	\$4,500.00
60	Filter Socks	1000 LF	\$4.00	\$4,000.00	\$1.60	\$1,600.00	\$1.50	\$1,500.00
61	Removal of Filter Socks	1000 LF	\$1.00	\$1,000.00	\$0.50	\$500.00	\$0.50	\$500.00
62	Temporary Rolled Erosion Control Products (RECP), Type 4	6500 SY	\$3.00	\$19,500.00	\$1.90	\$12,350.00	\$1.80	\$11,700.00
63	Rip Rap, Class E, Furnish and Install	2500 TON	\$60.00	\$150,000.00	\$80.00	\$200,000.00	\$70.00	\$175,000.00
64	Rip Rap, Class E, Install Only	700 TON	\$35.00	\$24,500.00	\$40.00	\$28,000.00	\$40.00	\$28,000.00
65	Grout	250 CY	\$200.00	\$50,000.00	\$352.00	\$88,000.00	\$250.00	\$62,500.00
66	Stabilized Construction Entrance	500 TON	\$35.00	\$17,500.00	\$34.00	\$17,000.00	\$36.00	\$18,000.00
67	Erosion Control Mulching, Bonded Fiber Matrix	2 ACRE	\$5,000.00	\$10,000.00	\$2,625.00	\$5,250.00	\$2,500.00	\$5,000.00
68	Revet Mattresses	90 CY	\$500.00	\$45,000.00	\$648.00	\$58,320.00	\$6,000.00	\$540,000.00
69	Chain Link Fence, 96", Black Vinyl, 1.25" Mesh	750 LF	\$35.00	\$26,250.00	\$39.00	\$29,250.00	\$37.00	\$27,750.00
70	Chain Link Fence, 96", Galvanized	50 LF	\$30.00	\$1,500.00	\$30.50	\$1,525.00	\$29.00	\$1,450.00
71	Gate, Chain Link Fence, 96"	2 EA	\$1,500.00	\$3,000.00	\$1,155.00	\$2,310.00	\$1,100.00	\$2,200.00
72	Barbed Wire, Angled Arm	700 LF	\$2.00	\$1,400.00	\$1.85	\$1,295.00	\$1.75	\$1,225.00
73	Removal of Chain Link Fence	750 LF	\$4.00	\$3,000.00	\$4.20	\$3,150.00	\$4.00	\$3,000.00
74	Concrete Retaining Wall, 8"	10 CY	\$1,000.00	\$10,000.00	\$690.00	\$6,900.00	\$2,500.00	\$25,000.00
75	Concrete Steps	100 SF	\$200.00	\$20,000.00	\$135.00	\$13,500.00	\$317.00	\$31,700.00
76	Handrail	40 LF	\$200.00	\$8,000.00	\$130.00	\$5,200.00	\$100.00	\$4,000.00
77	Tree Protection Fence	1000 LF	\$5.00	\$5,000.00	\$3.15	\$3,150.00	\$3.00	\$3,000.00
78	Imported Granular Backfill	3500 TONS	\$35.00	\$122,500.00	\$26.00	\$91,000.00	\$22.00	\$77,000.00
79	Railroad Provisions	1 LS	\$175,000.00	\$175,000.00	\$250,000.00	\$250,000.00	\$1,500,000.00	\$1,500,000.00
80	Project Sign, Stormwater	1 EA	\$500.00	\$500.00	\$1,260.00	\$1,260.00	\$500.00	\$500.00
81	Mobilization	1 LS	\$539,300.00	\$539,300.00	\$377,570.00	\$377,570.00	\$1,100,000.00	\$1,100,000.00
TOTAL CONSTRUCTION COST			\$5,500,000.00		\$5,424,221.00		\$11,170,082.75	
PERCENT OF ENGINEER'S ESTIMATE					-1.38%		+103.09%	
					Low			

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