



DATE October 14, 2019

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 519 FOSTER DRIVE LANDSLIDE ROADWAY REPAIR; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS S. M. HENTGES & SONS INC., STEVEN M. HENTGES, PRESIDENT, \$924,500.25

WHEREAS, on September 9, 2019, under Roll Call No. 19-1368, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the Acting City Clerk, for the construction of the following improvement:

519 Foster Drive Landslide Roadway Repair, 06-2019-023

The improvement includes clearing and grubbing, excavation, soldier beam and lagging retaining wall, grading, rip rap, 18-inch and 24-inch Reinforced Concrete Pipe (RCP) storm sewers, storm intakes, turf reinforcement mat, pavements, guard rail, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 612-060/075, located at 519 Foster Drive, 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
- Jensen Construction Company Des Moines, IA
- Herberger Construction Company, Indianola, IA
Inc.
- Synergy Contracting, LLC Bondurant, 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 September 24, 2019. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

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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 \$924,500.25, 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.

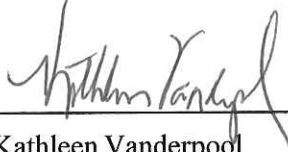
BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council 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 19-439 attached.)

Moved by _____ to adopt.

FORM APPROVED:



Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE



Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Street – 25, Roadway Rehabilitation – Collector, ST217, Gaming Monies

★ **Roll Call Number**

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

MOTION CARRIED

APPROVED

Mayor

I, Laura Baumgartner, Acting 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.

Acting City Clerk

TABULATED BY: J. Eddy APPROVED BY: *R. De Groot*
CHECKED BY: *M. G. G. G.*

CONTRACTOR'S BID TABULATION
PROJECT: 519 FOSTER DRIVE LANDSLIDE ROADWAY REPAIR

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		S.M. Hentges & Sons Inc. Jordan, MN		Jensen Construction Company Des Moines, IA		Herberger Construction Co. Inc. Indianola, IA		Synergy Contracting, LLC Bondurant, IA	
			PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	SELECTIVE CLEARING OF TREES	180 UNITS	\$100.00	\$18,000.00	\$385.00	\$69,300.00	\$375.00	\$67,500.00	\$450.00	\$81,000.00	\$560.00	\$100,800.00
2	TOPSOIL, IMPORTED	70 CY	\$55.00	\$3,850.00	\$29.00	\$2,030.00	\$65.00	\$4,550.00	\$58.00	\$4,060.00	\$105.00	\$7,350.00
3	CLASS 10 EXCAVATION	1000 CY	\$30.00	\$30,000.00	\$18.00	\$18,000.00	\$45.00	\$45,000.00	\$28.00	\$28,000.00	\$77.00	\$77,000.00
4	GRANULAR SUBBASE - MODIFIED SUBBASE	710 TON	\$50.00	\$35,500.00	\$32.25	\$22,897.50	\$35.00	\$24,850.00	\$46.00	\$32,660.00	\$49.00	\$34,790.00
5	CLEAN CRUSHED STONE (3"), FOR CORE-OUT EXCAVATION	2125 TON	\$45.00	\$95,625.00	\$31.85	\$67,681.25	\$37.00	\$78,625.00	\$53.00	\$112,625.00	\$63.00	\$133,875.00
6	18" RCP STORM SEWER	220 LF	\$150.00	\$33,000.00	\$70.00	\$15,400.00	\$139.00	\$30,580.00	\$205.00	\$45,100.00	\$176.40	\$38,808.00
7	24" RCP STORM SEWER	25 LF	\$200.00	\$5,000.00	\$67.50	\$2,187.50	\$135.00	\$3,375.00	\$278.00	\$6,950.00	\$196.00	\$4,900.00
8	12" CMP STORM SEWER WITH 45° BEND	6 LF	\$100.00	\$600.00	\$135.50	\$813.00	\$255.00	\$1,530.00	\$300.00	\$1,800.00	\$357.00	\$2,142.00
9	SUBDRAIN, 6" DIA.	575 LF	\$30.00	\$17,250.00	\$17.50	\$10,062.50	\$47.00	\$27,025.00	\$40.00	\$23,000.00	\$29.40	\$16,905.00
10	STORM SEWER REMOVAL, 18" CMP	28 LF	\$50.00	\$1,400.00	\$21.00	\$588.00	\$64.00	\$1,792.00	\$45.00	\$1,260.00	\$35.00	\$980.00
11	SUBDRAIN OUTLETS AND CONNECTIONS, 6" DIA.	6 EA	\$500.00	\$3,000.00	\$650.00	\$3,900.00	\$425.00	\$2,550.00	\$420.00	\$2,520.00	\$840.00	\$5,040.00
12	REMOVE AND RELOCATE FIRE HYDRANT	1 EA	\$9,000.00	\$9,000.00	\$4,200.00	\$4,200.00	\$12,915.00	\$12,915.00	\$9,600.00	\$9,600.00	\$14,000.00	\$14,000.00
13	SW-402 RECTANGULAR STORM SEWER MANHOLE	1 EA	\$6,000.00	\$6,000.00	\$5,665.00	\$5,665.00	\$8,765.00	\$8,765.00	\$5,700.00	\$5,700.00	\$12,600.00	\$12,600.00
14	SW-505 DOUBLE GRATE INTAKE	5 EA	\$9,000.00	\$45,000.00	\$5,200.00	\$26,000.00	\$7,055.00	\$35,275.00	\$8,700.00	\$43,500.00	\$12,600.00	\$63,000.00
15	CONNECTION TO EXISTING CMP STORM SEWERS	2 EA	\$500.00	\$1,000.00	\$1,600.00	\$3,200.00	\$1,175.00	\$2,350.00	\$665.00	\$1,330.00	\$3,500.00	\$7,000.00
16	MANHOLE & INTAKE REMOVAL	2 EA	\$500.00	\$1,000.00	\$1,100.00	\$2,200.00	\$1,170.00	\$2,340.00	\$810.00	\$1,620.00	\$1,400.00	\$2,800.00
17	PAVEMENT, PCC 6"	585 SY	\$110.00	\$64,350.00	\$65.00	\$38,025.00	\$63.75	\$37,293.75	\$80.00	\$46,800.00	\$140.00	\$81,900.00
18	HMA ST SURFACE, 1/2" MIX, NO FRIC, PG 58-28H, 2" OVERLAY	70 TON	\$130.00	\$9,100.00	\$158.00	\$11,060.00	\$217.00	\$15,190.00	\$175.00	\$12,250.00	\$303.80	\$21,266.00
19	5" PCC SIDEWALK, CLASS A	85 SY	\$80.00	\$6,800.00	\$99.00	\$8,415.00	\$97.00	\$8,245.00	\$108.00	\$9,180.00	\$105.00	\$8,925.00
20	ROAD SURFACING - IDOT ROADSTONE	120 TON	\$40.00	\$4,800.00	\$39.25	\$4,710.00	\$35.00	\$4,200.00	\$46.00	\$5,520.00	\$49.00	\$5,880.00
21	DRIVEWAY APPROACH PAVEMENT 6"	90 SY	\$90.00	\$8,100.00	\$102.00	\$9,180.00	\$100.00	\$9,000.00	\$112.00	\$10,080.00	\$140.00	\$12,600.00
22	MILLING	465 SY	\$10.00	\$4,650.00	\$8.15	\$3,789.75	\$16.00	\$7,440.00	\$9.00	\$4,185.00	\$22.40	\$10,416.00
23	PAVEMENT REMOVAL	705 SY	\$20.00	\$14,100.00	\$7.75	\$5,463.75	\$23.00	\$16,215.00	\$35.00	\$24,675.00	\$21.00	\$14,805.00
24	TRAFFIC CONTROL	1 LS	\$15,000.00	\$15,000.00	\$1,275.00	\$1,275.00	\$3,750.00	\$3,750.00	\$6,000.00	\$6,000.00	\$5,600.00	\$5,600.00
25	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	0.9 ACRES	\$5,000.00	\$4,500.00	\$5,330.00	\$4,797.00	\$5,225.00	\$4,702.50	\$5,900.00	\$5,310.00	\$7,000.00	\$6,300.00
26	WATERING	90 MGAL	\$150.00	\$13,500.00	\$46.00	\$4,140.00	\$45.00	\$4,050.00	\$50.00	\$4,500.00	\$63.00	\$5,670.00
27	WARRANTY	1 LS	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00
28	SODDING	14 SQ	\$100.00	\$1,400.00	\$178.50	\$2,499.00	\$175.00	\$2,450.00	\$190.00	\$2,660.00	\$245.00	\$3,430.00
29	TREE PLANTING	15 EA	\$1,000.00	\$15,000.00	\$408.00	\$6,120.00	\$400.00	\$6,000.00	\$450.00	\$6,750.00	\$560.00	\$8,400.00
30	RIP RAP, CLASS E, WITH FILTER FABRIC FOR DRAINAGE TRENCH	450 TON	\$80.00	\$36,000.00	\$67.00	\$30,150.00	\$63.00	\$28,350.00	\$80.00	\$36,000.00	\$119.00	\$53,550.00
31	EROSION CONTROL MULCHING, HYDROMULCH	0.9 ACRES	\$7,000.00	\$6,300.00	\$3,975.00	\$3,577.50	\$3,900.00	\$3,510.00	\$4,370.00	\$3,933.00	\$5,460.00	\$4,914.00
32	TURF REINFORCEMENT MATS (TRM), TYPE 3	15 SQ	\$100.00	\$1,500.00	\$152.00	\$2,280.00	\$150.00	\$2,250.00	\$160.00	\$2,400.00	\$210.00	\$3,150.00
33	CHAIN LINK FENCE, BLACK PVC COATED, 42"	152 LF	\$25.00	\$3,800.00	\$47.50	\$7,220.00	\$29.00	\$4,408.00	\$33.00	\$5,016.00	\$39.20	\$5,958.40
34	MODULAR BLOCK WALL	70 SF	\$45.00	\$3,150.00	\$71.00	\$4,970.00	\$70.00	\$4,900.00	\$100.00	\$7,000.00	\$98.00	\$6,860.00
35	RETAINING WALL - SOLDIER PILE SHAFT	585 LF	\$200.00	\$117,000.00	\$59.50	\$34,807.50	\$142.50	\$83,362.50	\$120.00	\$70,200.00	\$560.00	\$327,600.00
36	RETAINING WALL - SOLDIER PILE, HP 16 x 162	805 LF	\$250.00	\$201,250.00	\$220.00	\$177,100.00	\$176.50	\$142,082.50	\$190.00	\$152,950.00	\$700.00	\$563,500.00
37	RETAINING WALL - SOLDIER PILE, CONCRETE ENCASEMENT	555 LF	\$280.00	\$155,400.00	\$78.00	\$43,290.00	\$175.00	\$97,125.00	\$198.00	\$109,890.00	\$840.00	\$466,200.00
38	TIMBER LAGGING, TREATED 6 x 12	815 SF	\$50.00	\$40,750.00	\$50.00	\$40,750.00	\$50.00	\$40,750.00	\$44.00	\$35,860.00	\$70.00	\$57,050.00
39	HIGH TENSION CABLE GUARDRAIL	132 LF	\$40.00	\$5,280.00	\$41.00	\$5,412.00	\$60.00	\$7,920.00	\$80.00	\$10,560.00	\$70.00	\$9,240.00
40	HIGH TENSION CABLE GUARDRAIL - END ANCHORS	2 EA	\$5,000.00	\$10,000.00	\$3,550.00	\$7,100.00	\$4,000.00	\$8,000.00	\$4,500.00	\$9,000.00	\$7,000.00	\$14,000.00
41	MOBILIZATION	1 LS	\$187,435.00	\$187,435.00	\$125,000.00	\$125,000.00	\$185,000.00	\$185,000.00	\$170,000.00	\$170,000.00	\$70,000.00	\$70,000.00
42	CONCRETE WASHOUT	1 LS	\$1,000.00	\$1,000.00	\$360.00	\$360.00	\$500.00	\$500.00	\$900.00	\$900.00	\$3,500.00	\$3,500.00
43	TREE PROTECTION FENCE, 48"	465 LF	\$4.00	\$1,860.00	\$3.60	\$1,674.00	\$3.50	\$1,627.50	\$3.90	\$1,813.50	\$7.00	\$3,255.00
44	EXISTING SHEET PILING, DRIVING TO EMBEDMENT	200 LF	\$150.00	\$30,000.00	\$285.00	\$57,000.00	\$72.50	\$14,500.00	\$25.00	\$5,000.00	\$420.00	\$84,000.00
45	EXISTING SHEET PILING, CUT-OFF AND REMOVAL	80 LF	\$75.00	\$6,000.00	\$95.00	\$7,600.00	\$181.00	\$14,480.00	\$43.00	\$3,440.00	\$140.00	\$11,200.00
46	EXISTING LIMESTONE BLOCK WALL REMOVAL & REPLACEMENT	120 LF	\$40.00	\$4,800.00	\$92.00	\$11,040.00	\$65.00	\$7,800.00	\$158.00	\$18,960.00	\$210.00	\$25,200.00
47	TREE TRUNK PROTECTION	22 EA	\$225.00	\$4,950.00	\$435.00	\$9,570.00	\$250.00	\$5,500.00	\$280.00	\$6,160.00	\$350.00	\$7,700.00
TOTAL CONSTRUCTION COST				\$1,287,000.00		\$924,500.25		\$1,121,623.75		\$1,190,717.50		\$3,056,859.40
PERCENT OF ENGINEER'S ESTIMATE						-28.17%		-12.85%		-7.48%		+230.65%
						Low						