



Date November 18, 2024

**PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS,
FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON
GRAY'S LAKE DOCK IMPROVEMENTS;
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE
BIDDER AS CUSHMAN EXCAVATION, LLC, CHAD CUSHMAN, MANAGER, \$2,427,498**

WHEREAS, on October 07, 2024, under Roll Call No. 24-1326, 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 Lake Dock Improvements, Activity ID 112022007
IDNR Project No. 24-R4-LL

The improvement includes Hot Mix Asphalt (HMA) Shared-Use Path, Portland Cement Concrete (PCC) Sidewalk, PCC curb and gutter, PCC sidewalks, reinforced concrete structure, reinforced concrete walls, garage door, light pole relocation, building electrical, dock, earthwork, pavement markings, landscaping, erosion control, and other related items, all in accordance with the contract documents including Plan File No. 661-241/299, located at the southwest side of Gray's Lake Park, 2101 Fleur 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.

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:
Cushman Excavation, LLC, Knoxville, IA - Low Bid
WRH, Inc., South Amana, IA
TK Concrete, Inc., Pella, 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 October 22, 2024. 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 Cushman Excavation, LLC, Chad Cushman, Manager, 1249 108th Place, Knoxville, IA, 50138 in the amount of \$2,427,498, and said bid be and the same is hereby accepted.



Roll Call Number

Agenda Item Number

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Date November 18, 2024

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. 24-457 attached)

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance



Funding Source: 2024-25 CIP, Page 66, Gray's Lake Park Improvements, PK140, Being: \$900,000 General Fund made possible by American Rescue Plan Act (ARPA) funding; \$300,000 Iowa DNR REAP Grant, Agreement 24-R4-LL; \$30,000 Private Donation; and the remaining \$1,197,498 in G.O. Bonds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
COLEMAN				
GATTO				
MANDELBAUM				
SIMONSON				
VOSS				
WESTERGAARD				
TOTAL				

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.

MOTION CARRIED APPROVED

Mayor

City Clerk

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DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 11-2022-007

TABULATED BY: N. Smith
CHECKED BY: [Signature]

APPROVED BY: [Signature: Phillip J. Wagon]

Bid Date: 10/22/24

CONTRACTOR'S BID TABULATION
PROJECT: GRAY'S LAKE DOCK IMPROVEMENTS

Cushman Excavation, LLC Knoxville, IA		WRH, Inc. South Amana, IA		TK Concrete, Inc. Pella, IA	
BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond	
BID PRICE		BID PRICE		BID PRICE	
UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	\$27,880.00	1	\$17,220.00	1	\$22,550.00
2	\$33,250.00	1	\$76,950.00	1	\$23,750.00
3	\$2,400.00	1	\$1,600.00	1	\$2,000.00
4	\$40,590.00	1	\$30,750.00	1	\$24,600.00
5	\$15,000.00	1	\$10,000.00	1	\$100,000.00
6	\$12,825.00	1	\$14,250.00	1	\$7,125.00
7	\$500.00	1	\$700.00	1	\$500.00
8	\$2,100.00	1	\$324.00	1	\$2,250.00
9	\$3,750.00	1	\$675.00	1	\$1,500.00
10	\$16,736.00	1	\$26,150.00	1	\$15,690.00
11	\$6,240.00	1	\$3,900.00	1	\$5,850.00
12	\$51,824.50	1	\$74,035.00	1	\$56,950.00
13	\$46,880.00	1	\$46,880.00	1	\$4,395.00
14	\$6,900.00	1	\$4,554.00	1	\$5,865.00
15	\$27,500.00	1	\$18,750.00	1	\$21,250.00
16	\$82,680.00	1	\$55,120.00	1	\$58,565.00
17	\$3,200.00	1	\$2,720.00	1	\$2,600.00
18	\$500.00	1	\$230.00	1	\$625.00
19	\$10,000.00	1	\$20,000.00	1	\$32,000.00
20	\$9,000.00	1	\$10,500.00	1	\$11,250.00
21	\$2,500.00	1	\$2,750.00	1	\$2,500.00
22	\$8,000.00	1	\$15,000.00	1	\$7,500.00
23	\$2,250.00	1	\$3,000.00	1	\$2,100.00
24	\$900.00	1	\$300.00	1	\$900.00
25	\$112,985.50	1	\$48,950.00	1	\$66,750.00
26	\$3,000.00	1	\$1,125.00	1	\$1,500.00
27	\$2,275.00	1	\$1,300.00	1	\$1,950.00
28	\$1,400.00	1	\$1,600.00	1	\$1,000.00
29	\$650.00	1	\$325.00	1	\$650.00
30	\$5,500.00	1	\$4,125.00	1	\$3,575.00
31	\$2,500.00	1	\$400.00	1	\$1,875.00
32	\$1,200.00	1	\$375.00	1	\$750.00
33	\$600.00	1	\$300.00	1	\$500.00
34	\$20,000.00	1	\$12,000.00	1	\$12,000.00
35	\$194,000.00	1	\$200,000.00	1	\$600,000.00
36	\$6,000.00	1	\$1,000.00	1	\$2,500.00

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
1	TOPSOIL, OFFSITE	410	CY	\$40.00	\$16,400.00
2	CLASS 10 EXCAVATION	950	CY	\$35.00	\$33,250.00
3	SUBGRADE TREATMENT, GEOGRID, TYPE 2	200	SY	\$5.00	\$1,000.00
4	SUBBASE, MODIFIED	615	TON	\$45.00	\$27,675.00
5	STRUCTURE REMOVAL, DECK AND ABUTMENTS	1	LS	\$15,000.00	\$15,000.00
6	SUBDRAIN, TYPE 2, 6 IN. DIA.	285	LF	\$45.00	\$12,825.00
7	SUBDRAIN CLEANOUT, TYPE A-1, 6 IN. DIA. SUBDRAIN OUTLETS AND CONNECTIONS, TYPE 2, 6 IN. DIA.	1	EA	\$1,000.00	\$1,000.00
8	CURB & GUTTER, 30", 7" DEPTH	3	EA	\$1,000.00	\$3,000.00
9	REMOVAL OF SHARED-USE PATH	15	LF	\$65.00	\$975.00
10	REMOVAL OF SIDEWALK	1046	SY	\$15.00	\$15,690.00
11	SHARED-USE PATH, HMA, 6"	390	SY	\$15.00	\$5,850.00
12	SPECIAL SUBGRADE PREPARATION FOR SHARED USE PATHS	1139	SY	\$50.00	\$56,950.00
13	SIDEWALK, PCC, 4"	1465	SY	\$12.00	\$17,580.00
14	SIDEWALK, PCC, 5"	69	SY	\$60.00	\$4,140.00
15	SIDEWALK, PCC, 6"	250	SY	\$70.00	\$17,500.00
16	DETECTABLE WARNING	689	SY	\$80.00	\$55,120.00
17	PAVEMENT REMOVAL	40	SF	\$60.00	\$2,400.00
18	TEMPORARY TRAFFIC CONTROL	5	SY	\$15.00	\$75.00
19	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 1	1	LS	\$10,000.00	\$10,000.00
20	TEMPORARY HYDRAULIC SEEDING AND MULCHING, TYPE 5	1.5	AC	\$8,000.00	\$12,000.00
21	STORMWATER POLLUTION PREVENTION	0.5	AC	\$8,000.00	\$4,000.00
22	FILTER SOCK, 12"	1	LS	\$15,000.00	\$15,000.00
23	FILTER SOCKS, REMOVAL	600	LF	\$4.00	\$2,400.00
24	RIPRAP, BOULDER STONE REVETMENT	600	LF	\$1.00	\$600.00
25	RIPRAP, EROSION STONE	445	TON	\$120.00	\$53,400.00
26	SILT FENCE	15	TON	\$90.00	\$1,350.00
27	SILT FENCE, SEDIMENT REMOVAL	650	LF	\$5.00	\$3,250.00
28	SILT FENCE REMOVAL	2	EA	\$2,500.00	\$5,000.00
29	STABILIZED CONSTRUCTION ENTRANCE	650	LF	\$1.00	\$650.00
30	EROSION CONTROL MULCHING, HYDROMULCHING	55	TON	\$40.00	\$2,200.00
31	TREE PROTECTION FENCE	0.5	AC	\$4,000.00	\$2,000.00
32	TREE TRUNK PROTECTION	75	LF	\$5.00	\$375.00
33	CONSTRUCTION SURVEY	1	EA	\$450.00	\$450.00
34	MOBILIZATION	1	LS	\$7,500.00	\$7,500.00
35	CONCRETE WASHOUT	1	LS	\$248,815.00	\$248,815.00
36		1	LS	\$5,000.00	\$5,000.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
37	BUILDING WATERPROOF MEMBRANE	840 SF	\$25.00	\$21,000.00	\$10.00	\$8,400.00	\$6.00	\$5,040.00	\$25.00	\$21,000.00
38	MODIFY EXISTING HANDRAIL	2 EA	\$2,500.00	\$5,000.00	\$1,500.00	\$3,000.00	\$400.00	\$800.00	\$7,500.00	\$15,000.00
39	RELOCATE LIGHT POLE	2 EA	\$7,500.00	\$15,000.00	\$14,000.00	\$28,000.00	\$7,000.00	\$14,000.00	\$5,000.00	\$10,000.00
40	ADJUST LIGHT POLE ELEVATION	1 EA	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$1,350.00	\$1,350.00	\$5,000.00	\$5,000.00
41	BUILDING ELECTRICAL IMPROVEMENTS	1 LS	\$15,000.00	\$15,000.00	\$19,000.00	\$19,000.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
42	TERRACE BUILDING GARAGE DOOR	1 LS	\$50,000.00	\$50,000.00	\$20,000.00	\$20,000.00	\$40,000.00	\$40,000.00	\$36,000.00	\$36,000.00
43	ADA RAMP SIDEWALK, PCC	132 SY	\$80.00	\$10,560.00	\$140.00	\$18,480.00	\$330.00	\$43,560.00	\$100.00	\$13,200.00
44	ADA RAMP CONCRETE RETAINING WALLS	105 CY	\$600.00	\$63,000.00	\$570.00	\$59,850.00	\$1,300.00	\$136,500.00	\$750.00	\$78,750.00
45	ADA RAMP RAILINGS, INCLUIDNG RAILING, SAFETY RAILING AND RAILING MOUNTS	266 LF	\$180.00	\$47,880.00	\$140.00	\$37,240.00	\$50.00	\$13,300.00	\$600.00	\$159,600.00
46	METAL STAIRS - PIER ACCESS, INLCUIDNG STAIRS, RAILING AND FOOTINGS	1 LS	\$15,000.00	\$15,000.00	\$40,000.00	\$40,000.00	\$20,000.00	\$20,000.00	\$50,000.00	\$50,000.00
47	METAL STAIRS - UNDER PIER ACCESS, INLCUIDNG STAIRS, RAILING AND FOOTINGS	1 LS	\$30,000.00	\$30,000.00	\$40,000.00	\$40,000.00	\$17,500.00	\$17,500.00	\$75,000.00	\$75,000.00
48	METAL STAIRS - MARINE RAILWAY SYSTEM, INLCUIDNG STAIRS, RAILING AND FOOTINGS	1 LS	\$50,000.00	\$50,000.00	\$55,000.00	\$55,000.00	\$20,000.00	\$20,000.00	\$75,000.00	\$75,000.00
49	MARINE RAILWAY SYSTEM	1 LS	\$30,000.00	\$30,000.00	\$24,000.00	\$24,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
50	PIER RAILING - DECORATIVE	120 LF	\$300.00	\$36,000.00	\$240.00	\$28,800.00	\$100.00	\$12,000.00	\$675.00	\$81,000.00
51	PIER COMPOSITE SLAB	1800 SF	\$120.00	\$216,000.00	\$18.00	\$32,400.00	\$55.00	\$99,000.00	\$25.00	\$45,000.00
52	PIER SUPPORT, INLCUIDNG PILES, RETAINING WALLS AND FOOTINGS	1 LS	\$300,000.00	\$300,000.00	\$362,200.00	\$362,200.00	\$630,000.00	\$630,000.00	\$100,000.00	\$100,000.00
53	SIDEWALK PCC - TRAIL CONNECTION	102 SY	\$80.00	\$8,160.00	\$110.00	\$11,220.00	\$35.00	\$3,570.00	\$85.00	\$8,670.00
54	TRENCH DRAIN - 12"	62 LF	\$250.00	\$15,500.00	\$535.00	\$33,170.00	\$600.00	\$37,200.00	\$100.00	\$6,200.00
55	UNDER PIER CONCRETE SLAB ON GRADE	214 SY	\$170.00	\$36,380.00	\$145.00	\$31,030.00	\$140.00	\$29,960.00	\$50.00	\$10,700.00
56	UNDER PIER WELDED WIRE SLIDE GATE	2 EA	\$6,000.00	\$12,000.00	\$14,000.00	\$28,000.00	\$8,000.00	\$16,000.00	\$7,500.00	\$15,000.00
57	UNDER PIER SWING GATE, SUDAS	1 EA	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
58	UNDER PIER WELDED WIRE FENCE	400 SF	\$30.00	\$12,000.00	\$37.00	\$14,800.00	\$68.00	\$27,200.00	\$75.00	\$30,000.00
59	SEASONAL DOCK SYSTEM - REMOVABLE RAMPS AND GANAGWAY	1 LS	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$10,500.00	\$10,500.00	\$4,500.00	\$4,500.00
60	SEASONAL DOCK SYSTEM - FLOAT AND ANCHORAGE	1 LS	\$3,000.00	\$3,000.00	\$7,000.00	\$7,000.00	\$21,500.00	\$21,500.00	\$5,750.00	\$5,750.00
61	METAL STAIRS - SEASONAL DOCK, INCLUDING STAIRS, RAILING, SUPPORT POSTS AND FOOTINGS	1 LS	\$14,500.00	\$14,500.00	\$54,800.00	\$54,800.00	\$20,000.00	\$20,000.00	\$100,000.00	\$100,000.00
62	42' LONG GANGWAY - ACCESS RAMP	1 EA	\$65,000.00	\$65,000.00	\$52,000.00	\$52,000.00	\$55,500.00	\$55,500.00	\$52,000.00	\$52,000.00
63	DOCK ACCESS LANDING, INLCUIDNG PILES, COMPOSITE DECK AND RAILING	64 SF	\$750.00	\$48,000.00	\$1,081.25	\$69,200.00	\$2,500.00	\$160,000.00	\$1,500.00	\$96,000.00
64	GANGWAY - 80' LONG	1 EA	\$80,000.00	\$80,000.00	\$115,000.00	\$115,000.00	\$125,000.00	\$125,000.00	\$110,000.00	\$110,000.00
65	DOCK - LOW FREEBOARD	226 SF	\$110.00	\$24,860.00	\$45.00	\$10,170.00	\$50.00	\$11,300.00	\$42.50	\$9,605.00
66	DOCK - STANDARD FREEBOARD	1700 SF	\$100.00	\$170,000.00	\$165.00	\$280,500.00	\$185.00	\$314,500.00	\$160.00	\$272,000.00
67	ELASTIC ANCHORAGE SYSTEM	1 LS	\$35,000.00	\$35,000.00	\$170,000.00	\$170,000.00	\$142,000.00	\$142,000.00	\$160,000.00	\$160,000.00
68	LIFE RING STATION	1 EA	\$600.00	\$600.00	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00
69	SAFETY LADDER	1 EA	\$400.00	\$400.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$2,750.00	\$2,750.00
70	DOCK CLEAT	37 EA	\$20.00	\$740.00	\$108.00	\$3,996.00	\$120.00	\$4,440.00	\$75.00	\$2,775.00
TOTAL CONSTRUCTION COST				\$2,100,000.00		\$2,427,498.00		\$2,782,578.00		\$2,794,865.00
PERCENT OF ENGINEER'S ESTIMATE						+15.60%		+32.50%		+33.09%
						Low				