



— Streets Department —

Date: September 13, 2019

To: Mayor and City Council

From: Jason C. Etnyre, Street Superintendent

CC: Ryan Waller, City Manager
Andy Lent, Finance Director

Subject: 2019 Drainage Improvement Project-supplemental

At 2:00pm on Thursday, September 12, 2019 bids for the 2019 Drainage Project were received and opened by staff. Four (4) bidders submitted bids for this project. The firms submitting and bids were as follows:

J&K Contracting- Urbandale	\$212,212.21
Evolution Contracting- Indianola	\$197,000.00
Vanderpool Construction-Indianola	\$169,605.00
TK Concrete-Pella	\$149,800.00

A copy of the bid tabulations is attached.

For your information, the City Engineer's opinion of probable cost for dirt work, sewer and drains, structures for sanitary and storm, traffic control, site work and landscaping, and other miscellaneous costs associated was estimated to be \$138,215.00. There is \$133,000 included in the budget for this project. The additional \$16,800 will come from the miscellaneous drainage projects line in the CIP.

Upon review of the bid documents and budget, staff is recommending the project being awarded to TK Concrete of Pella for the bid of \$149,800.00.

TABULATION OF BIDS
 2019 Drainage Improvements Project
 City of Indianola
 Project No. 118.1164
 Bid Date/Time: September 12, 2019 at 2:00 PM

ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		1		2	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
EARTHWORK									
2.1	Cleaning and Grubbing	AC	0.3	\$ 25,000.00	\$ 7,500.00	\$ 15,000.00	\$ 4,500.00	\$ 120,000.00	\$ 36,000.00
2.2	Earthwork	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 17,000.00	\$ 17,000.00
2.3	Removal of Known Drain Tile, PVC, 4"	LF	30	\$ 25.00	\$ 750.00	\$ 20.00	\$ 600.00	\$ 15.00	\$ 450.00
SEWERS AND DRAINS									
4.1	Storm Sewer, Trenched, RCP, 15"	LF	54	\$ 110.00	\$ 5,940.00	\$ 125.00	\$ 6,750.00	\$ 160.00	\$ 8,640.00
4.2	Storm Sewer, Trenched, RCP, 24"	LF	8	\$ 150.00	\$ 1,200.00	\$ 250.00	\$ 2,000.00	\$ 275.00	\$ 2,200.00
4.3	Pipe Apron, RCP, 24"	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,600.00	\$ 2,600.00
4.4	Footings for Concrete Pipe Apron, RCP, 24"	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,750.00	\$ 1,750.00	\$ 800.00	\$ 800.00
4.5	Subdrain, PVC, 6"	LF	595	\$ 25.00	\$ 14,875.00	\$ 20.00	\$ 11,900.00	\$ 27.00	\$ 16,065.00
4.6	Subdrain Cleanout, A-1, 6"	EA	4	\$ 500.00	\$ 2,000.00	\$ 500.00	\$ 2,000.00	\$ 650.00	\$ 2,600.00
STRUCTURES FOR SANITARY AND STORM									
6.1	Manhole, SW-401, 48"	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 6,750.00	\$ 6,750.00	\$ 7,000.00	\$ 7,000.00
TRAFFIC CONTROL									
8.1	Temporary Traffic Control	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 7,500.00	\$ 7,500.00	\$ 4,600.00	\$ 4,600.00
SITE WORK AND LANDSCAPING									
9.1	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	ACRE	0.4	\$ 12,000.00	\$ 4,800.00	\$ 10,000.00	\$ 4,000.00	\$ 6,500.00	\$ 2,600.00
9.2	Rip Rap, Class B	TON	95	\$ 70.00	\$ 6,650.00	\$ 90.00	\$ 8,550.00	\$ 120.00	\$ 11,400.00
9.3	Rip Rap, Class E	TON	450	\$ 60.00	\$ 27,000.00	\$ 80.00	\$ 36,000.00	\$ 95.00	\$ 42,750.00
9.4	Silt Fence	LF	2000	\$ 3.00	\$ 6,000.00	\$ 2.50	\$ 5,000.00	\$ 1.60	\$ 3,200.00
MISCELLANEOUS									
11.1	Mobilization	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 8,500.00	\$ 8,500.00
11.2	Construction Survey	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 3,200.00	\$ 3,200.00
				TOTAL BID: \$ 138,215.00		\$ 149,800.00		\$ 169,605.00	
				BID SECURITY:		10%		10%	

TABULATION OF BIDS
 2019 Drainage Improvements Project
 City of Indianola
 Project No. 118.1164
 Bid Date/Time: September 12, 2019 at 2:00 PM

ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		EVOLUTION CONTRACTING INDIANOLA, IA		J & K CONTRACTING URBANDALE, IA	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
EARTHWORK									
2.1	Clearing and Grubbing	AC	0.3	\$ 25,000.00	\$ 7,500.00	\$ 110,000.00	\$ 33,000.00	\$ 116,000.00	\$ 34,800.00
2.2	Earthwork	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 37,000.00	\$ 37,000.00
2.3	Removal of Known Drain Tile, PVC, 4"	LF	30	\$ 25.00	\$ 750.00	\$ 20.00	\$ 600.00	\$ 10.00	\$ 300.00
SEWERS AND DRAINS									
4.1	Storm Sewer, Trenched, RCP, 15"	LF	54	\$ 110.00	\$ 5,940.00	\$ 150.00	\$ 8,100.00	\$ 189.00	\$ 10,206.00
4.2	Storm Sewer, Trenched, RCP, 24"	LF	8	\$ 150.00	\$ 1,200.00	\$ 180.00	\$ 1,440.00	\$ 145.00	\$ 1,160.00
4.3	Pipe Apron, RCP, 24"	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00
4.4	Footing for Concrete Pipe Apron, RCP, 24"	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 400.00	\$ 400.00	\$ 1,000.00	\$ 1,000.00
4.5	Subdrain, PVC, 6"	LF	595	\$ 25.00	\$ 14,875.00	\$ 30.00	\$ 17,850.00	\$ 38.00	\$ 22,610.00
4.6	Subdrain Cleanout, A-1, 6"	EA	4	\$ 500.00	\$ 2,000.00	\$ 1,000.00	\$ 4,000.00	\$ 900.00	\$ 3,600.00
STRUCTURES FOR SANITARY AND STORM									
6.1	Manhole, SW-401, 48"	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 4,700.00	\$ 4,700.00
TRAFFIC CONTROL									
8.1	Temporary Traffic Control	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
SITE WORK AND LANDSCAPING									
9.1	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	ACRE	0.4	\$ 12,000.00	\$ 4,800.00	\$ 8,000.00	\$ 3,200.00	\$ 3,500.00	\$ 1,400.00
9.2	Rip Rap, Class B	TON	95	\$ 70.00	\$ 6,650.00	\$ 100.00	\$ 9,500.00	\$ 115.00	\$ 10,925.00
9.3	Rip Rap, Class E	TON	450	\$ 60.00	\$ 27,000.00	\$ 100.00	\$ 45,000.00	\$ 93.00	\$ 41,850.00
9.4	Silt Fence	LF	2000	\$ 3.00	\$ 6,000.00	\$ 2.00	\$ 4,000.00	\$ 2.00	\$ 4,000.00
MISCELLANEOUS									
11.1	Mobilization	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 19,910.00	\$ 19,910.00	\$ 24,661.21	\$ 24,661.21
11.2	Construction Survey	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00
				TOTAL BID:		\$ 138,215.00		\$ 197,000.00	
				BID SECURITY:				10%	
								\$ 212,212.21	
								10%	