6(e)

CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: November 2, 2020

ITEM:

Public Hearing (5:35 p.m.)
Sugar Creek Conveyance Improvements – Phase 2

FINANCIAL IMPACT:

The revised (adjusted for Addendum No. 1) Engineering Estimate of Construction Cost was estimated to be $2,322,726.00 for the Sugar Creek Conveyance Improvements – Phase 2. There were eleven (11) bids submitted with the low bid of $1,200,810.80 being submitted by Peterson Contractors, Inc. of Reinbeck, Iowa. Payments will be made from account no. 660.000.000.5250.490 with the ultimate funding intended to come from Stormwater Revenue or TIF bond proceeds.

BACKGROUND:

This project consists of conveyance improvements along Sugar Creek from Raccoon River Drive to the confluence of the Raccoon River. Conveyance improvements consist of tree clearing, re-grading the foreslopes of the stream, grading a floodplain bench on the south side of the stream, placement of rip-rap, and surface restoration. Grading will take place for future trail construction. The project is anticipated to be completed by October 1, 2021.

City Staff believe the low bids were the result of the increased competition that resulted from finding a nearby waste site (Grand Avenue corridor from Sugar Creek to South Grand Prairie Parkway associated with proposed Ginger West development) for the large quantity of excess soil needing to be exported from the project site as well as a favorable construction timeframe included in the contract.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for Sugar Creek Conveyance Improvements – Phase 2:
- Motion receiving and filing Report of Bids;
- Resolution waiving bid irregularities and awarding the construction contract to Peterson Contractors, Inc.

Lead Staff Member: Brian J. Hemesath, P.E., City Engineer

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	October 23, 2020

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	October 26, 2020		
Recommendation	Yes	No	Split

RESOLUTION APPROVING ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST

WHEREAS, on October 5, 2020, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

Sugar Creek Conveyance Improvements – Phase 2
Project No. 0510-021-2016

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements were published as required by law;

therefore,

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, that the Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND APPROVED on this **2nd** day of **November, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION APPROVING THE AWARDING OF A CONTRACT

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

Sugar Creek Conveyance Improvements – Phase 2
Project No. 0510-021-2016

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council; and

WHEREAS, irregularities were noted on five of the bids that were received; and

WHEREAS, the irregularities noted were not substantive in nature; and

WHEREAS, the bid of Peterson Contractors, Inc. in the amount of $1,200,810.80 was the lowest responsible bid received for said public improvement;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, waives the irregularities in the bids that were received.

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the Sugar Creek Conveyance Improvements – Phase 2 is hereby awarded to Peterson Contractors, Inc. in the amount of $1,200,810.80 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED on this **2nd** day of **November, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

TABULATION OF BIDS
Sugar Creek Conveyance Improvements - Phase 2
City of West Des Moines
Project No. 0510-021-2016
Bid Date/Time: October 28, 2020 at 2:00 PM

				ENGINEER'S ESTIMATE		1 PETERSON CONTRACTORS INC REINBECK, IA		2 McANINCH CORPORATION DES MOINES, IA	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	EARTHWORK								
2.01	Clearing and Grubbing	ACRE	13.9	$ 8,500.00	$ 118,150.00	$ 4,800.00	$ 66,720.00	$ 6,120.00	$ 85,068.00
2.02	Topsoil Strip, Stockpile, and Respread	CY	22363	$ 12.00	$ 268,356.00	$ 4.00	$ 89,452.00	$ 4.63	$ 103,540.69
2.03	Excavation, Class 10	CY	111701	$ 10.00	$ 1,117,010.00	$ 3.80	$ 424,463.80	$ 6.32	$ 705,950.32
2.04	Excavation Class 10, Channel	CY	3880	$ 20.00	$ 77,600.00	$ 7.15	$ 27,742.00	$ 6.40	$ 24,832.00
2.05	Removal of Existing Debris	LS	1	$ 15,000.00	$ 15,000.00	$ 2,000.00	$ 2,000.00	$ 10,667.00	$ 10,667.00
2.06	Reconstruct Existing Bridge End Drain	EACH	2	$ 3,000.00	$ 6,000.00	$ 1,700.00	$ 3,400.00	$ 1,296.00	$ 2,592.00
	TRENCH AND TRENCHLESS CONSTRUCTION								
3.01	Rock Excavation	CY	250	$ 50.00	$ 12,500.00	$ 16.00	$ 4,000.00	$ 4.00	$ 1,000.00
	PIPE CULVERTS						$ -		
4.01	Pipe Culvert, Trenched, RCP, 24 inch.	LF	48	$ 150.00	$ 7,200.00	$ 97.50	$ 4,680.00	$ 111.75	$ 5,364.00
4.02	Pipe Apron, Footing and Apron Guard, Concrete, 24 Inch.	EACH	2	$ 2,000.00	$ 4,000.00	$ 3,190.00	$ 6,380.00	$ 2,327.00	$ 4,654.00
4.03	Flap Gate, Outlet Control, 24 Inch.	EACH	2	$ 3,000.00	$ 6,000.00	$ 3,500.00	$ 7,000.00	$ 2,653.00	$ 5,306.00
	TRAFFIC CONTROL								
8.01	Temporary Traffic Control	LS	1	$ 5,000.00	$ 5,000.00	$ 16,500.00	$ 16,500.00	$ 4,029.00	$ 4,029.00
	SITE WORK AND LANDSCAPING								
9.01	Hydraulic Seeding and Fertilizing, Type 3 Seeding	ACRE	24.8	$ 2,500.00	$ 62,000.00	$ 2,500.00	$ 62,000.00	$ 2,550.00	$ 63,240.00
9.02	Storm Water Pollution Prevention Plan Preparation	LS	1	$ 5,000.00	$ 5,000.00	$ 2,000.00	$ 2,000.00	$ 2,040.00	$ 2,040.00
9.03	Storm Water Pollution Prevention Plan Management	LS	1	$ 3,500.00	$ 3,500.00	$ 2,000.00	$ 2,000.00	$ 2,040.00	$ 2,040.00
9.04	Storm Water Pollution Prevention Plan Inspections	EACH	50	$ 50.00	$ 2,500.00	$ 50.00	$ 2,500.00	$ 51.00	$ 2,550.00
9.05	Stabilized Construction Entrance	LS	1	$ 10,000.00	$ 10,000.00	$ 16,000.00	$ 16,000.00	$ 28,801.99	$ 28,801.99
9.06	Erosion Control Mulching, Hydromulching	ACRE	8.15	$ 2,000.00	$ 16,300.00	$ 1,500.00	$ 12,225.00	$ 1,530.00	$ 12,469.50
9.07	Stabilizing Crop - Seeding and Fertilizing	ACRE	24.8	$ 600.00	$ 14,880.00	$ 300.00	$ 7,440.00	$ 306.00	$ 7,588.80
9.08	Silt Fence	LF	23200	$ 2.00	$ 46,400.00	$ 1.40	$ 32,480.00	$ 1.43	$ 33,176.00
9.09	Removal of Silt Fence	LF	23200	$ 1.00	$ 23,200.00	$ 0.10	$ 2,320.00	$ 0.10	$ 2,320.00
9.10	Rolled Erosion Control Product (RECP), Type 1D	SY	13720	$ 3.00	$ 41,160.00	$ 1.15	$ 15,778.00	$ 1.17	$ 16,052.40
9.11	Turf Reinforcement Mats, Type 1	SQ	526	$ 50.00	$ 26,300.00	$ 40.00	$ 21,040.00	$ 40.80	$ 21,460.80
9.12	Revetment, Class E	TON	5500	$ 55.00	$ 302,500.00	$ 45.00	$ 247,500.00	$ 43.35	$ 238,425.00
9.13	Removal of Existing Field Fence	LF	1210	$ 2.00	$ 2,420.00	$ 2.00	$ 2,420.00	$ 3.45	$ 4,174.50
9.14	Temporary Construction Fence	LF	3070	$ 5.00	$ 15,350.00	$ 5.00	$ 15,350.00	$ 3.60	$ 11,052.00
9.15	Rumble Grid	LS	1	$ 5,000.00	$ 5,000.00	$ 12,500.00	$ 12,500.00	$ 22,677.00	$ 22,677.00
9.16	Silt Ditch	LF	4400	$ 1.00	$ 4,400.00	$ 1.80	$ 7,920.00	$ 1.50	$ 6,600.00
9.17	Class A Roadstone	TON	4000	$ 25.00	$ 100,000.00	$ 20.25	$ 81,000.00	$ 20.30	$ 81,200.00
	CONSTRUCTION SURVEY								
11	Construction Survey	LS	1	$ 5,000.00	$ 5,000.00	$ 6,000.00	$ 6,000.00	$ 5,774.00	$ 5,774.00
			TOTAL BID:		$ 2,322,726.00		$ 1,200,810.80		$ 1,514,645.00
			BID SECURITY:				10%		10%

LICENSED PROFESSIONAL ENGINEER
GABRIEL A. NELSON
17382
IOWA

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed professional engineer under the laws of the State of Iowa.

10/28/2020

Gabriel A. Nelson, P.E. — Date
My License Number : 17382
My License Renewal Date is December 31, 2020

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TABULATION OF BIDS
Sugar Creek Conveyance Improvements - Phase 2
City of West Des Moines
Project No. 0510-021-2016
Bid Date/Time: October 28, 2020 at 2:00 PM

						3		4	
				ENGINEER'S ESTIMATE		CJ MOYNA & SONS LLC ELKADER, IA		CORELL CONTRACTOR INC WEST DES MOINES, IA	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	EARTHWORK								
2.01	Clearing and Grubbing	ACRE	13.9	$ 8,500.00	$ 118,150.00	$ 4,900.00	$ 68,110.00	$ 6,448.00	$ 89,627.20
2.02	Topsoil Strip, Stockpile, and Respread	CY	22363	$ 12.00	$ 268,356.00	$ 5.20	$ 116,287.60	$ 5.75	$ 128,587.25
2.03	Excavation, Class 10	CY	111701	$ 10.00	$ 1,117,010.00	$ 6.50	$ 726,056.50	$ 6.10	$ 681,376.10
2.04	Excavation Class 10, Channel	CY	3880	$ 20.00	$ 77,600.00	$ 3.80	$ 14,744.00	$ 15.00	$ 58,200.00
2.05	Removal of Existing Debris	LS	1	$ 15,000.00	$ 15,000.00	$ 8,500.00	$ 8,500.00	$ 9,500.00	$ 9,500.00
2.06	Reconstruct Existing Bridge End Drain	EACH	2	$ 3,000.00	$ 6,000.00	$ 1,200.00	$ 2,400.00	$ 4,150.00	$ 8,300.00
	TRENCH AND TRENCHLESS CONSTRUCTION								
3.01	Rock Excavation	CY	250	$ 50.00	$ 12,500.00	$ 50.00	$ 12,500.00	$ 15.00	$ 3,750.00
	PIPE CULVERTS								
4.01	Pipe Culvert, Trenched, RCP, 24 inch.	LF	48	$ 150.00	$ 7,200.00	$ 158.00	$ 7,584.00	$ 165.00	$ 7,920.00
4.02	Pipe Apron, Footing and Apron Guard, Concrete, 24 Inch.	EACH	2	$ 2,000.00	$ 4,000.00	$ 320.00	$ 640.00	$ 2,975.00	$ 5,950.00
4.03	Flap Gate, Outlet Control, 24 Inch.	EACH	2	$ 3,000.00	$ 6,000.00	$ 6,200.00	$ 12,400.00	$ 3,005.00	$ 6,010.00
	TRAFFIC CONTROL								
8.01	Temporary Traffic Control	LS	1	$ 5,000.00	$ 5,000.00	$ 8,500.00	$ 8,500.00	$ 4,600.00	$ 4,600.00
	SITE WORK AND LANDSCAPING								
9.01	Hydraulic Seeding and Fertilizing, Type 3 Seeding	ACRE	24.8	$ 2,500.00	$ 62,000.00	$ 2,500.00	$ 62,000.00	$ 2,562.50	$ 63,550.00
9.02	Storm Water Pollution Prevention Plan Preparation	LS	1	$ 5,000.00	$ 5,000.00	$ 2,000.00	$ 2,000.00	$ 2,050.00	$ 2,050.00
9.03	Storm Water Pollution Prevention Plan Management	LS	1	$ 3,500.00	$ 3,500.00	$ 2,000.00	$ 2,000.00	$ 2,050.00	$ 2,050.00
9.04	Storm Water Pollution Prevention Plan Inspections	EACH	50	$ 50.00	$ 2,500.00	$ 50.00	$ 2,500.00	$ 51.00	$ 2,550.00
9.05	Stabilized Construction Entrance	LS	1	$ 10,000.00	$ 10,000.00	$ 5,000.00	$ 5,000.00	$ 46,665.00	$ 46,665.00
9.06	Erosion Control Mulching, Hydromulching	ACRE	8.15	$ 2,000.00	$ 16,300.00	$ 1,500.00	$ 12,225.00	$ 1,537.00	$ 12,526.55
9.07	Stabilizing Crop - Seeding and Fertilizing	ACRE	24.8	$ 600.00	$ 14,880.00	$ 300.00	$ 7,440.00	$ 307.50	$ 7,626.00
9.08	Silt Fence	LF	23200	$ 2.00	$ 46,400.00	$ 1.40	$ 32,480.00	$ 1.44	$ 33,408.00
9.09	Removal of Silt Fence	LF	23200	$ 1.00	$ 23,200.00	$ 0.10	$ 2,320.00	$ 0.10	$ 2,320.00
9.10	Rolled Erosion Control Product (RECP), Type 1D	SY	13720	$ 3.00	$ 41,160.00	$ 1.15	$ 15,778.00	$ 1.15	$ 15,778.00
9.11	Turf Reinforcement Mats, Type 1	SQ	526	$ 50.00	$ 26,300.00	$ 40.00	$ 21,040.00	$ 41.00	$ 21,566.00
9.12	Revetment, Class E	TON	5500	$ 55.00	$ 302,500.00	$ 55.00	$ 302,500.00	$ 53.50	$ 294,250.00
9.13	Removal of Existing Field Fence	LF	1210	$ 2.00	$ 2,420.00	$ 3.00	$ 3,630.00	$ 6.00	$ 7,260.00
9.14	Temporary Construction Fence	LF	3070	$ 5.00	$ 15,350.00	$ 3.50	$ 10,745.00	$ 5.10	$ 15,657.00
9.15	Rumble Grid	LS	1	$ 5,000.00	$ 5,000.00	$ 25,000.00	$ 25,000.00	$ 4,510.00	$ 4,510.00
9.16	Silt Ditch	LF	4400	$ 1.00	$ 4,400.00	$ 11.80	$ 51,920.00	$ 3.25	$ 14,300.00
9.17	Class A Roadstone	TON	4000	$ 25.00	$ 100,000.00	$ 21.20	$ 84,800.00	$ 23.80	$ 95,200.00
	CONSTRUCTION SURVEY								
11	Construction Survey	LS	1	$ 5,000.00	$ 5,000.00	$ 22,000.00	$ 22,000.00	$ 25,380.00	$ 25,380.00
			TOTAL BID:		$ 2,322,726.00		$ 1,643,100.10		$ 1,670,467.10
			BID SECURITY:				10%		10%

TABULATION OF BIDS
Sugar Creek Conveyance Improvements - Phase 2
City of West Des Moines
Project No. 0510-021-2016
Bid Date/Time: October 28, 2020 at 2:00 PM

						5		6	
				ENGINEER'S ESTIMATE		SPRING LAKE CONSTRUCTION LLC POLK CITY, IA		WENTHOLD EXCAVATING LLC ELKHART, IA	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	EARTHWORK								
2.01	Clearing and Grubbing	ACRE	13.9	$ 8,500.00	$ 118,150.00	$ 5,750.00	$ 79,925.00	$ 5,200.00	$ 72,280.00
2.02	Topsoil Strip, Stockpile, and Respread	CY	22363	$ 12.00	$ 268,356.00	$ 5.50	$ 122,996.50	$ 4.00	$ 89,452.00
2.03	Excavation, Class 10	CY	111701	$ 10.00	$ 1,117,010.00	$ 6.25	$ 698,131.25	$ 8.15	$ 910,363.15
2.04	Excavation Class 10, Channel	CY	3880	$ 20.00	$ 77,600.00	$ 4.20	$ 16,296.00	$ 15.00	$ 58,200.00
2.05	Removal of Existing Debris	LS	1	$ 15,000.00	$ 15,000.00	$ 50,000.00	$ 50,000.00	$ 7,000.00	$ 7,000.00
2.06	Reconstruct Existing Bridge End Drain	EACH	2	$ 3,000.00	$ 6,000.00	$ 7,500.00	$ 15,000.00	$ 4,500.00	$ 9,000.00
	TRENCH AND TRENCHLESS CONSTRUCTION								
3.01	Rock Excavation	CY	250	$ 50.00	$ 12,500.00	$ 70.00	$ 17,500.00	$ 20.00	$ 5,000.00
	PIPE CULVERTS								
4.01	Pipe Culvert, Trenched, RCP, 24 inch.	LF	48	$ 150.00	$ 7,200.00	$ 55.00	$ 2,640.00	$ 150.00	$ 7,200.00
4.02	Pipe Apron, Footing and Apron Guard, Concrete, 24 Inch.	EACH	2	$ 2,000.00	$ 4,000.00	$ 1,000.00	$ 2,000.00	$ 5,000.00	$ 10,000.00
4.03	Flap Gate, Outlet Control, 24 Inch.	EACH	2	$ 3,000.00	$ 6,000.00	$ 2,500.00	$ 5,000.00	$ 4,500.00	$ 9,000.00
	TRAFFIC CONTROL								
8.01	Temporary Traffic Control	LS	1	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00
	SITE WORK AND LANDSCAPING								
9.01	Hydraulic Seeding and Fertilizing, Type 3 Seeding	ACRE	24.8	$ 2,500.00	$ 62,000.00	$ 2,500.00	$ 62,000.00	$ 2,750.00	$ 68,200.00
9.02	Storm Water Pollution Prevention Plan Preparation	LS	1	$ 5,000.00	$ 5,000.00	$ 2,000.00	$ 2,000.00	$ 2,200.00	$ 2,200.00
9.03	Storm Water Pollution Prevention Plan Management	LS	1	$ 3,500.00	$ 3,500.00	$ 2,000.00	$ 2,000.00	$ 2,200.00	$ 2,200.00
9.04	Storm Water Pollution Prevention Plan Inspections	EACH	50	$ 50.00	$ 2,500.00	$ 50.00	$ 2,500.00	$ 55.00	$ 2,750.00
9.05	Stabilized Construction Entrance	LS	1	$ 10,000.00	$ 10,000.00	$ 20,000.00	$ 20,000.00	$ 8,000.00	$ 8,000.00
9.06	Erosion Control Mulching, Hydromulching	ACRE	8.15	$ 2,000.00	$ 16,300.00	$ 1,500.00	$ 12,225.00	$ 1,700.00	$ 13,855.00
9.07	Stabilizing Crop - Seeding and Fertilizing	ACRE	24.8	$ 600.00	$ 14,880.00	$ 300.00	$ 7,440.00	$ 350.00	$ 8,680.00
9.08	Silt Fence	LF	23200	$ 2.00	$ 46,400.00	$ 1.40	$ 32,480.00	$ 1.60	$ 37,120.00
9.09	Removal of Silt Fence	LF	23200	$ 1.00	$ 23,200.00	$ 0.10	$ 2,320.00	$ 0.15	$ 3,480.00
9.10	Rolled Erosion Control Product (RECP), Type 1D	SY	13720	$ 3.00	$ 41,160.00	$ 1.15	$ 15,778.00	$ 1.30 (2)	$ 17,836.00
9.11	Turf Reinforcement Mats, Type 1	SQ	526	$ 50.00	$ 26,300.00	$ 40.00	$ 21,040.00	$ 45.00	$ 23,670.00
9.12	Revetment, Class E	TON	5500	$ 55.00	$ 302,500.00	$ 50.00	$ 275,000.00	$ 50.00	$ 275,000.00
9.13	Removal of Existing Field Fence	LF	1210	$ 2.00	$ 2,420.00	$ 1.25	$ 1,512.50	$ 3.00	$ 3,630.00
9.14	Temporary Construction Fence	LF	3070	$ 5.00	$ 15,350.00	$ 5.00	$ 15,350.00	$ 4.00	$ 12,280.00
9.15	Rumble Grid	LS	1	$ 5,000.00	$ 5,000.00	$ 35,000.00	$ 35,000.00	$ 15,000.00	$ 15,000.00
9.16	Silt Ditch	LF	4400	$ 1.00	$ 4,400.00	$ 2.00	$ 8,800.00	$ 5.00	$ 22,000.00
9.17	Class A Roadstone	TON	4000	$ 25.00	$ 100,000.00	$ 25.00	$ 100,000.00	$ 25.00	$ 100,000.00
	CONSTRUCTION SURVEY								
11	Construction Survey	LS	1	$ 5,000.00	$ 5,000.00	$ 65,000.00	$ 65,000.00	$ 7,000.00	$ 7,000.00
			TOTAL BID:		$ 2,322,726.00	(1)	$ 1,694,934.25	(3)	$ 1,805,396.15
			BID SECURITY:				10%		10%

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TABULATION OF BIDS
Sugar Creek Conveyance Improvements - Phase 2
City of West Des Moines
Project No. 0510-021-2016
Bid Date/Time: October 28, 2020 at 2:00 PM

				ENGINEER'S ESTIMATE		7 RW EXCAVATING SOLUTIONS LC PRAIRIE CITY, IA		8 SM HENTGES & SONS JORDAN, MN	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	EARTHWORK								
2.01	Clearing and Grubbing	ACRE	13.9	$ 8,500.00	$ 118,150.00	$ 4,676.00	$ 64,996.40	$ 7,000.00	$ 97,300.00
2.02	Topsoil Strip, Stockpile, and Respread	CY	22363	$ 12.00	$ 268,356.00	$ 8.05	$ 180,022.15	$ 6.00	$ 134,178.00
2.03	Excavation, Class 10	CY	111701	$ 10.00	$ 1,117,010.00	$ 8.05	$ 899,193.05	$ 9.00	$ 1,005,309.00
2.04	Excavation Class 10, Channel	CY	3880	$ 20.00	$ 77,600.00	$ 9.05	$ 35,114.00	$ 15.00	$ 58,200.00
2.05	Removal of Existing Debris	LS	1	$ 15,000.00	$ 15,000.00	$ 1,000.00	$ 1,000.00	$ 5,100.00	$ 5,100.00
2.06	Reconstruct Existing Bridge End Drain	EACH	2	$ 3,000.00	$ 6,000.00	$ 1,000.00	$ 2,000.00	$ 4,000.00	$ 8,000.00
	TRENCH AND TRENCHLESS CONSTRUCTION								
3.01	Rock Excavation	CY	250	$ 50.00	$ 12,500.00	$ 10.00	$ 2,500.00	$ 9.00	$ 2,250.00
	PIPE CULVERTS								
4.01	Pipe Culvert, Trenched, RCP, 24 inch.	LF	48	$ 150.00	$ 7,200.00	$ 60.00	$ 2,880.00	$ 100.00	$ 4,800.00
4.02	Pipe Apron, Footing and Apron Guard, Concrete, 24 Inch.	EACH	2	$ 2,000.00	$ 4,000.00	$ 1,700.00	$ 3,400.00	$ 1,700.00	$ 3,400.00
4.03	Flap Gate, Outlet Control, 24 Inch.	EACH	2	$ 3,000.00	$ 6,000.00	$ 2,900.00	$ 5,800.00	$ 3,900.00	$ 7,800.00
	TRAFFIC CONTROL								
8.01	Temporary Traffic Control	LS	1	$ 5,000.00	$ 5,000.00	$ 4,200.00	$ 4,200.00	$ 4,000.00	$ 4,000.00
	SITE WORK AND LANDSCAPING								
9.01	Hydraulic Seeding and Fertilizing, Type 3 Seeding	ACRE	24.8	$ 2,500.00	$ 62,000.00	$ 2,400.00	$ 59,520.00	$ 2,600.00	$ 64,480.00
9.02	Storm Water Pollution Prevention Plan Preparation	LS	1	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 2,050.00	$ 2,050.00
9.03	Storm Water Pollution Prevention Plan Management	LS	1	$ 3,500.00	$ 3,500.00	$ 3,000.00	$ 3,000.00	$ 2,050.00	$ 2,050.00
9.04	Storm Water Pollution Prevention Plan Inspections	EACH	50	$ 50.00	$ 2,500.00	$ 100.00	$ 5,000.00	$ 50.00	$ 2,500.00
9.05	Stabilized Construction Entrance	LS	1	$ 10,000.00	$ 10,000.00	$ 20,460.00	$ 20,460.00	$ 20,000.00	$ 20,000.00
9.06	Erosion Control Mulching, Hydromulching	ACRE	8.15	$ 2,000.00	$ 16,300.00	$ 1,400.00	$ 11,410.00	$ 1,550.00	$ 12,632.50
9.07	Stabilizing Crop - Seeding and Fertilizing	ACRE	24.8	$ 600.00	$ 14,880.00	$ 1,000.00	$ 24,800.00	$ 305.00	$ 7,564.00
9.08	Silt Fence	LF	23200	$ 2.00	$ 46,400.00	$ 1.50	$ 34,800.00	$ 1.45	$ 33,640.00
9.09	Removal of Silt Fence	LF	23200	$ 1.00	$ 23,200.00	$ 0.25	$ 5,800.00	$ 0.11	$ 2,552.00
9.10	Rolled Erosion Control Product (RECP), Type 1D	SY	13720	$ 3.00	$ 41,160.00	$ 2.50	$ 34,300.00	$ 1.20	$ 16,464.00
9.11	Turf Reinforcement Mats, Type 1	SQ	526	$ 50.00	$ 26,300.00	$ 40.00	$ 21,040.00	$ 41.00	$ 21,566.00
9.12	Revetment, Class E	TON	5500	$ 55.00	$ 302,500.00	$ 53.00	$ 291,500.00	$ 44.00	$ 242,000.00
9.13	Removal of Existing Field Fence	LF	1210	$ 2.00	$ 2,420.00	$ 3.00	$ 3,630.00	$ 3.35	$ 4,053.50
9.14	Temporary Construction Fence	LF	3070	$ 5.00	$ 15,350.00	$ 3.00	$ 9,210.00	$ 6.00	$ 18,420.00
9.15	Rumble Grid	LS	1	$ 5,000.00	$ 5,000.00	$ 7,000.00	$ 7,000.00	$ 17,000.00	$ 17,000.00
9.16	Silt Ditch	LF	4400	$ 1.00	$ 4,400.00	$ 2.22	$ 9,768.00	$ 1.60	$ 7,040.00
9.17	Class A Roadstone	TON	4000	$ 25.00	$ 100,000.00	$ 26.00	$ 104,000.00	$ 22.00	$ 88,000.00
	CONSTRUCTION SURVEY								
11	Construction Survey	LS	1	$ 5,000.00	$ 5,000.00	$ 10,000.00	$ 10,000.00	$ 6,200.00	$ 6,200.00
			TOTAL BID:		$ 2,322,726.00		$ 1,861,343.60		$ 1,898,549.00
			BID SECURITY:				10%		10%

TABULATION OF BIDS
Sugar Creek Conveyance Improvements - Phase 2
City of West Des Moines
Project No. 0510-021-2016
Bid Date/Time: October 28, 2020 at 2:00 PM

						9		10	
				ENGINEER'S ESTIMATE		KELLER EXCAVATING, INC. BOONE, IA		ELDER CORPORATION DES MOINES, IA	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	EARTHWORK								
2.01	Clearing and Grubbing	ACRE	13.9	$ 8,500.00	$ 118,150.00	$ 5,980.00	$ 83,122.00	$ 6,600.00	$ 91,740.00
2.02	Topsoil Strip, Stockpile, and Respread	CY	22363	$ 12.00	$ 268,356.00	$ 5.18 (4)	$ 115,840.34	$ 5.50	$ 122,996.50
2.03	Excavation, Class 10	CY	111701	$ 10.00	$ 1,117,010.00	$ 8.70	$ 971,798.70	$ 10.75	$ 1,200,785.75
2.04	Excavation Class 10, Channel	CY	3880	$ 20.00	$ 77,600.00	$ 9.20	$ 35,696.00	$ 15.50	$ 60,140.00
2.05	Removal of Existing Debris	LS	1	$ 15,000.00	$ 15,000.00	$ 3,450.00	$ 3,450.00	$ 17,000.00	$ 17,000.00
2.06	Reconstruct Existing Bridge End Drain	EACH	2	$ 3,000.00	$ 6,000.00	$ 1,380.00	$ 2,760.00	$ 3,400.00	$ 6,800.00
	TRENCH AND TRENCHLESS CONSTRUCTION								
3.01	Rock Excavation	CY	250	$ 50.00	$ 12,500.00	$ 13.80	$ 3,450.00	$ 49.00	$ 12,250.00
	PIPE CULVERTS								
4.01	Pipe Culvert, Trenched, RCP, 24 inch.	LF	48	$ 150.00	$ 7,200.00	$ 69.00	$ 3,312.00	$ 96.00	$ 4,608.00
4.02	Pipe Apron, Footing and Apron Guard, Concrete, 24 Inch.	EACH	2	$ 2,000.00	$ 4,000.00	$ 1,380.00	$ 2,760.00	$ 3,200.00	$ 6,400.00
4.03	Flap Gate, Outlet Control, 24 Inch.	EACH	2	$ 3,000.00	$ 6,000.00	$ 2,875.00	$ 5,750.00	$ 4,200.00	$ 8,400.00
	TRAFFIC CONTROL								
8.01	Temporary Traffic Control	LS	1	$ 5,000.00	$ 5,000.00	$ 15,000.00	$ 15,000.00	$ 59,093.25	$ 59,093.25
	SITE WORK AND LANDSCAPING								
9.01	Hydraulic Seeding and Fertilizing, Type 3 Seeding	ACRE	24.8	$ 2,500.00	$ 62,000.00	$ 2,587.50	$ 64,170.00	$ 2,600.00	$ 64,480.00
9.02	Storm Water Pollution Prevention Plan Preparation	LS	1	$ 5,000.00	$ 5,000.00	$ 575.00	$ 575.00	$ 2,000.00	$ 2,000.00
9.03	Storm Water Pollution Prevention Plan Management	LS	1	$ 3,500.00	$ 3,500.00	$ 2,875.00	$ 2,875.00	$ 2,000.00	$ 2,000.00
9.04	Storm Water Pollution Prevention Plan Inspections	EACH	50	$ 50.00	$ 2,500.00	$ 63.25	$ 3,162.50	$ 51.00	$ 2,550.00
9.05	Stabilized Construction Entrance	LS	1	$ 10,000.00	$ 10,000.00	$ 2,300.00	$ 2,300.00	$ 27,000.00	$ 27,000.00
9.06	Erosion Control Mulching, Hydromulching	ACRE	8.15	$ 2,000.00	$ 16,300.00	$ 1,552.50	$ 12,652.88	$ 1,500.00	$ 12,225.00
9.07	Stabilizing Crop - Seeding and Fertilizing	ACRE	24.8	$ 600.00	$ 14,880.00	$ 862.50	$ 21,390.00	$ 310.00	$ 7,688.00
9.08	Silt Fence	LF	23200	$ 2.00	$ 46,400.00	$ 1.66	$ 38,512.00	$ 1.50	$ 34,800.00
9.09	Removal of Silt Fence	LF	23200	$ 1.00	$ 23,200.00	$ 0.28	$ 6,496.00	$ 0.10	$ 2,320.00
9.10	Rolled Erosion Control Product (RECP), Type 1D	SY	13720	$ 3.00	$ 41,160.00	$ 1.73	$ 23,735.60	$ 1.25	$ 17,150.00
9.11	Turf Reinforcement Mats, Type 1	SQ	526	$ 50.00	$ 26,300.00	$ 57.50	$ 30,245.00	$ 41.00	$ 21,566.00
9.12	Revetment, Class E	TON	5500	$ 55.00	$ 302,500.00	$ 48.88	$ 268,840.00	$ 63.00	$ 346,500.00
9.13	Removal of Existing Field Fence	LF	1210	$ 2.00	$ 2,420.00	$ 5.69	$ 6,884.90	$ 5.50	$ 6,655.00
9.14	Temporary Construction Fence	LF	3070	$ 5.00	$ 15,350.00	$ 6.95	$ 21,336.50	$ 5.75	$ 17,652.50
9.15	Rumble Grid	LS	1	$ 5,000.00	$ 5,000.00	$ 17,250.00	$ 17,250.00	$ 31,000.00	$ 31,000.00
9.16	Silt Ditch	LF	4400	$ 1.00	$ 4,400.00	$ 12.94	$ 56,936.00	$ 3.25	$ 14,300.00
9.17	Class A Roadstone	TON	4000	$ 25.00	$ 100,000.00	$ 29.04	$ 116,160.00	$ 19.50	$ 78,000.00
	CONSTRUCTION SURVEY								
11	Construction Survey	LS	1	$ 5,000.00	$ 5,000.00	$ 6,900.00	$ 6,900.00	$ 3,900.00	$ 3,900.00
			TOTAL BID:		$ 2,322,726.00	(5)	$ 1,943,360.42		$ 2,282,000.00
			BID SECURITY:				10%		10%

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TABULATION OF BIDS
Sugar Creek Conveyance Improvements - Phase 2
City of West Des Moines
Project No. 0510-021-2016
Bid Date/Time: October 28, 2020 at 2:00 PM

				ENGINEER'S ESTIMATE		11 SYNERGY CONTRACTING LLC ALTOONA, IA	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	EARTHWORK						
2.01	Clearing and Grubbing	ACRE	13.9	$ 8,500.00	$ 118,150.00	$ 7,680.00	$ 106,752.00
2.02	Topsoil Strip, Stockpile, and Respread	CY	22363	$ 12.00	$ 268,356.00	$ 18.00	$ 402,534.00
2.03	Excavation, Class 10	CY	111701	$ 10.00	$ 1,117,010.00	$ 12.00	$ 1,340,412.00
2.04	Excavation Class 10, Channel	CY	3880	$ 20.00	$ 77,600.00	$ 24.00	$ 93,120.00
2.05	Removal of Existing Debris	LS	1	$ 15,000.00	$ 15,000.00	$ 36,000.00	$ 36,000.00
2.06	Reconstruct Existing Bridge End Drain	EACH	2	$ 3,000.00	$ 6,000.00	$ 6,000.00	$ 12,000.00
	TRENCH AND TRENCHLESS CONSTRUCTION						
3.01	Rock Excavation	CY	250	$ 50.00	$ 12,500.00	$ 240.00	$ 60,000.00
	PIPE CULVERTS						
4.01	Pipe Culvert, Trenched, RCP, 24 inch.	LF	48	$ 150.00	$ 7,200.00	$ 180.00	$ 8,640.00
4.02	Pipe Apron, Footing and Apron Guard, Concrete, 24 Inch.	EACH	2	$ 2,000.00	$ 4,000.00	$ 4,800.00	$ 9,600.00
4.03	Flap Gate, Outlet Control, 24 Inch.	EACH	2	$ 3,000.00	$ 6,000.00	$ 4,200.00	$ 8,400.00
	TRAFFIC CONTROL						
8.01	Temporary Traffic Control	LS	1	$ 5,000.00	$ 5,000.00	$ 4,800.00	$ 4,800.00
	SITE WORK AND LANDSCAPING						
9.01	Hydraulic Seeding and Fertilizing, Type 3 Seeding	ACRE	24.8	$ 2,500.00	$ 62,000.00	$ 2,640.00	$ 65,472.00
9.02	Storm Water Pollution Prevention Plan Preparation	LS	1	$ 5,000.00	$ 5,000.00	$ 2,400.00	$ 2,400.00
9.03	Storm Water Pollution Prevention Plan Management	LS	1	$ 3,500.00	$ 3,500.00	$ 3,600.00	$ 3,600.00
9.04	Storm Water Pollution Prevention Plan Inspections	EACH	50	$ 50.00	$ 2,500.00	$ 120.00	$ 6,000.00
9.05	Stabilized Construction Entrance	LS	1	$ 10,000.00	$ 10,000.00	$ 6,000.00	$ 6,000.00
9.06	Erosion Control Mulching, Hydromulching	ACRE	8.15	$ 2,000.00	$ 16,300.00	$ 1,920.00	$ 15,648.00
9.07	Stabilizing Crop - Seeding and Fertilizing	ACRE	24.8	$ 600.00	$ 14,880.00	$ 600.00	$ 14,880.00
9.08	Silt Fence	LF	23200	$ 2.00	$ 46,400.00	$ 2.00	$ 46,400.00
9.09	Removal of Silt Fence	LF	23200	$ 1.00	$ 23,200.00	$ 0.10	$ 2,320.00
9.10	Rolled Erosion Control Product (RECP), Type 1D	SY	13720	$ 3.00	$ 41,160.00	$ 2.00	$ 27,440.00
9.11	Turf Reinforcement Mats, Type 1	SQ	526	$ 50.00	$ 26,300.00	$ 42.00	$ 22,092.00
9.12	Revetment, Class E	TON	5500	$ 55.00	$ 302,500.00	$ 60.00	$ 330,000.00
9.13	Removal of Existing Field Fence	LF	1210	$ 2.00	$ 2,420.00	$ 3.60	$ 4,356.00
9.14	Temporary Construction Fence	LF	3070	$ 5.00	$ 15,350.00	$ 6.00	$ 18,420.00
9.15	Rumble Grid	LS	1	$ 5,000.00	$ 5,000.00	$ 24,000.00	$ 24,000.00
9.16	Silt Ditch	LF	4400	$ 1.00	$ 4,400.00	$ 2.00	$ 8,800.00
9.17	Class A Roadstone	TON	4000	$ 25.00	$ 100,000.00	$ 30.00	$ 120,000.00
	CONSTRUCTION SURVEY						
11	Construction Survey	LS	1	$ 5,000.00	$ 5,000.00	$ 7,200.00	$ 7,200.00
			TOTAL BID:		$ 2,322,726.00		$ 2,807,286.00
			BID SECURITY:				10%

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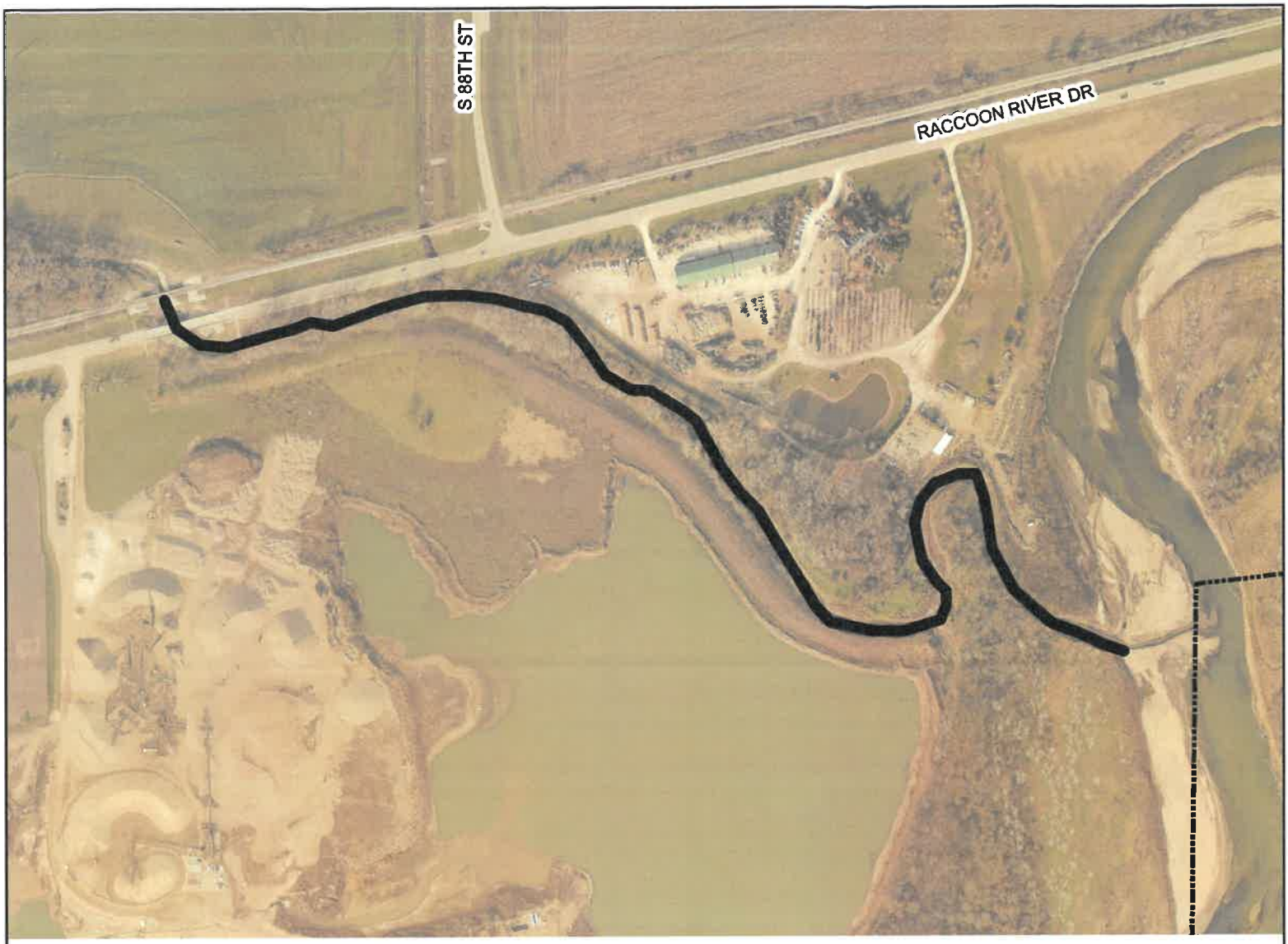
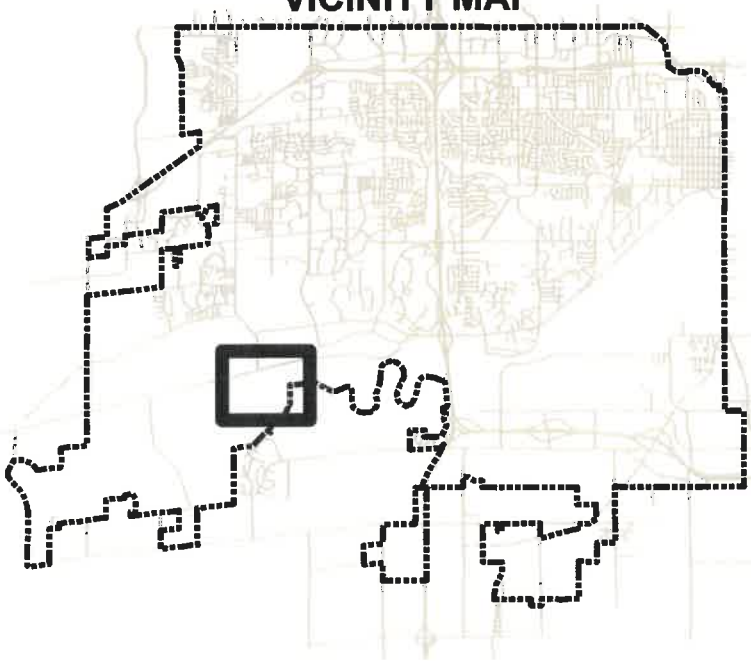
TABULATION OF BIDS
Sugar Creek Conveyance Improvements - Phase 2
City of West Des Moines
Project No. 0510-021-2016
Bid Date/Time: October 28, 2020 at 2:00 PM

Notes

(1) Total bid price on proposal was shown as $ 1,694,934.50 due to totaling error. Does not affect ultimate bid result.
(2) Extended bid price was incorrectly listed on proposal as $17,251.00.
(3) Total bid price on proposal was shown as $ 1,804,811.15 due to error on bid item 9.10. Does not affect ultimate bid result.
(4) Extended bid price was incorrectly listed on proposal as $115,840.30.
(5) Total bid price on proposal was shown as $ 1,943,360.00 due to totaling error and error on bid item 2.02. Does not affect ultimate bid result.



VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES

PROJECT:

Sugar Creek Conveyance Phase 2

LOCATION: **Exhibit "A"**

DRAWN BY: JDR	DATE: 6/24/2019	PROJECT NUMBER/NAME: 0510-021-2016	SHT. 1 of 1