CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: August 5, 2019

ITEM:

Public Hearing (5:35 p.m.)
Raccoon River Basin Segment 5 Sewer – Lift Station

FINANCIAL IMPACT:

The revised Engineering Estimate of Construction Cost was estimated to be $898,847.80 for the Raccoon River Basin Segment 5 Sewer – Lift Station. There were four (4) bids submitted with the low bid of $1,340,191.00 being submitted by Graff Excavating of Toledo, Iowa. Payments will be made from account no. 640.000.000.5250.490 with the ultimate funding intended to come from Sewer Fee Revenue.

BACKGROUND:

The project includes the construction of a sanitary sewer lift station on South Grand Prairie Parkway south of the Raccoon River. The project will also include approximately 337 linear feet of 10-inch and 15-inch sanitary sewer, approximately 75 linear feet of 12-inch forcemain, a 3-pump submersible lift station, pre-manufactured control building, standby power generator, excavation, backfill, manholes, connections to existing sewer, surface restoration, traffic control, and miscellaneous associated work. The project is anticipated to be completed by June 1, 2020.

The low bid for the project was nearly 50% higher than the Engineer's Estimate. The lift station construction experience for most of the bidders on the project is limited and the higher than anticipated bids from all bidders is somewhat reflective of their assessment of risks on the project. In conversations with contractors with more experience in lift station construction, the project schedule did not fit their current workload. After further discussing the bid results with a few of the bidders on the project, it was determined that the project schedule did not fit with their current workload either, but they were willing to take on additional work for an increased fee. There are potentially two (2) additional bid packages for the sanitary sewer forcemain and gravity sewer anticipated to be bid over the next several months to complete the necessary sanitary sewer infrastructure to accommodate development within the drainage area, so there are additional opportunities to merge projects and potentially increase interest from bidders on the projects. City Staff recommend rejecting all bids on the project.

This agenda item was distributed to the Public Services Subcommittee by e-mail only since there was no meeting.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for Raccoon River Basin Segment 5 Sewer – Lift Station;
- Motion receiving and filing Report of Bids;
- Resolution Rejecting All Bids.

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

STAFF REVIEWS

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

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	July 19, 2019

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed			
Recommendation	Yes	No	Split

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

WHEREAS, on July 1, 2019, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

Raccoon River Basin Segment 5 Sewer – Lift Station
Project No. 0510-060-2015

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 **5th** day of **August, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION REJECTING ALL BIDS

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

Raccoon River Basin Segment 5 Sewer – Lift Station
Project No. 0510-060-2015

and,

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

WHEREAS, the bid of Graff Excavating in the amount of $1,340,191.00 was the lowest responsible bid received for said public improvement;

WHEREAS, all the bids received exceeded the estimated project cost;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that all bids for the Raccoon River Basin Segment 5 Sewer – Lift Station project are hereby rejected.

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

PASSED AND ADOPTED on this **5th** day of **August, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

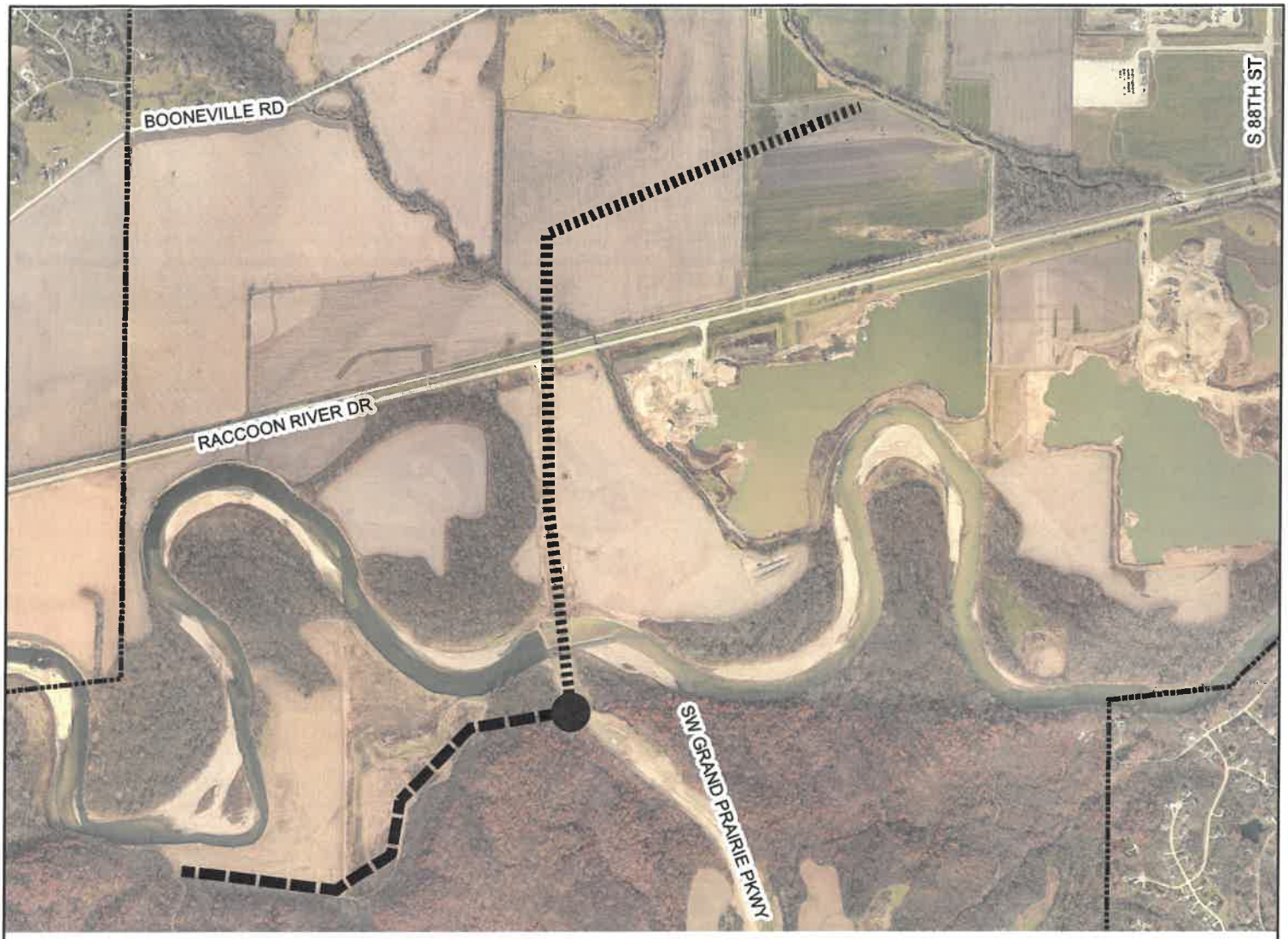
BID TABULATION
WEST DES MOINES, IOWA
RACCOON RIVER BASIN 5 SEWER - LIFT STATION

1. Construct the Raccoon River Basin 5 Sewer - Lift Station project for the following unit and lump sum prices:				Engineer's Estimate		Graff Excavating, Inc. 803 East State Street Toledo, IA 52342		Rognes Corp. 720 SW Goodwin Street Ankeny, IA 50023		S.M. Hentges & Sons, Inc. 650 Quaker Avenue Jordan, MN 55352		Synergy Contracting LLC 1120 2nd Street NE Bondurant, IA 50035	
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Sanitary Sewer in Place - 10"	LF	311	$ 80.00	$ 24,880.00	$ 160.00	$ 49,760.00	$ 190.00	$ 59,090.00	$ 145.00	$ 45,095.00	$ 168.00	$ 52,248.00
2	Sanitary Sewer in Place - 15"	LF	35	105.00	3,675.00	175.00	6,125.00	195.00	6,825.00	169.00	5,915.00	212.80	7,448.00
3	Force Main - 12"	LF	88	75.00	6,600.00	140.00	12,320.00	120.00	10,560.00	139.00	12,232.00	210.00	18,480.00
4	Manholes - Type SW 301-48"	EA	4	5,000.00	20,000.00	5,000.00	20,000.00	10,000.00	40,000.00	17,900.00	71,600.00	11,760.00	47,040.00
5	Video Inspection of Sanitary Sewer	LF	346	3.00	1,038.00	5.00	1,730.00	3.00	1,038.00	5.50	1,903.00	5.60	1,937.60
6	Lift Station	LS	1	823,000.00	823,000.00	1,206,000.00	1,206,000.00	1,485,000.00	1,485,000.00	1,474,158.00	1,474,158.00	1,554,000.00	1,554,000.00
7	Traffic Control	LS	1	2,500.00	2,500.00	5,000.00	5,000.00	5,000.00	5,000.00	1,000.00	1,000.00	7,000.00	7,000.00
8	Construction Staking	LS	1	3,000.00	3,000.00	5,000.00	5,000.00	10,000.00	10,000.00	5,150.00	5,150.00	11,200.00	11,200.00
9	Class A Roadstone	TONS	120	10.00	1,200.00	35.00	4,200.00	40.00	4,800.00	76.50	9,180.00	49.00	5,880.00
10	Erosion Control	LS	1	5,000.00	5,000.00	8,000.00	8,000.00	2,500.00	2,500.00	2,575.00	2,575.00	3,500.00	3,500.00
11	Fence	LF	384	10.95	4,204.80	34.00	13,056.00	35.00	13,440.00	32.00	12,288.00	56.00	21,504.00
12	Seeding	ACRES	0.5	1,500.00	750.00	12,000.00	6,000.00	5,000.00	2,500.00	5,100.00	2,550.00	7,000.00	3,500.00
13	Tree Allowance	LS	1	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
			TOTAL BID (Items 1-13)	$898,847.80		$1,340,191.00		$1,643,753.00		~~$1,646,646.00~~ $1,644,743.00		$1,736,737.60	

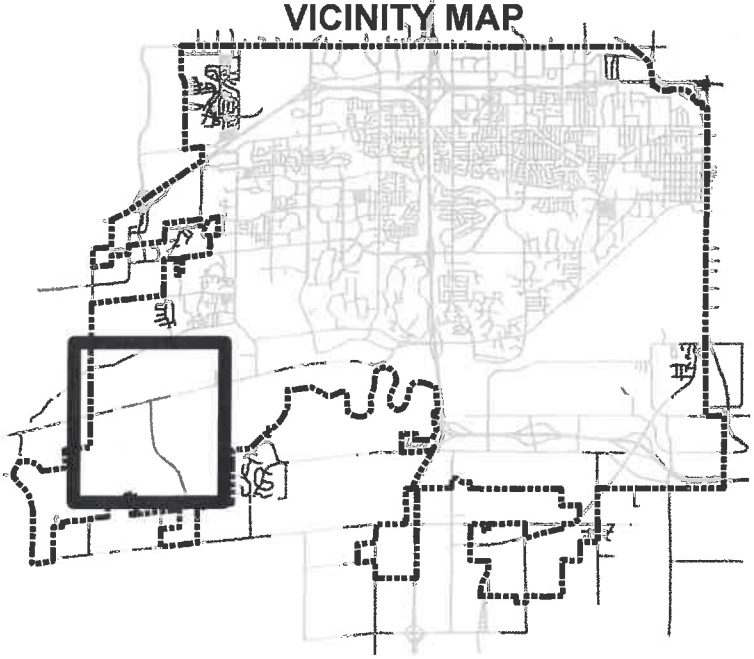
I hereby certify that this is a true tabulation of bids received on July 24, 2019 by the City of West Des Moines, Iowa.

H. Robert Veenstra Jr., P.E.
Iowa License No. 9037
My license renewal date is December 31, 2020

LICENSED PROFESSIONAL ENGINEER
H. Robert Veenstra Jr.
No. 9037
IOWA



VICINITY MAP



LEGEND

LIFT STATION

GRAVITY SEWER (FUTURE)

FORCEMAIN (FUTURE)

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W E
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THE CITY OF WEST DES MOINES

PROJECT:

Raccoon River Basin Segment 5 Sewer - Lift Station

LOCATION: **Exhibit "A"**

DRAWN BY: JDR	DATE: 6/24/2019	PROJECT NUMBER/NAME: 0510-060-2015	SHT. 1 of 1