CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: February 19, 2019

ITEM:

Public Hearing (5:35 p.m.)
Grand Avenue Stormwater Pumps

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost was estimated to be $174,392.00 for the Grand Avenue Stormwater Pumps. There were three (3) bids submitted with the low bid of $162,470.00 being submitted by Vanderpool Construction, Inc. of Indianola, Iowa. Payments will be made from account no. 660.000.000.5250.490 with the ultimate funding intended to come from Stormwater Utility Fees.

BACKGROUND:

The project includes the construction of an access drive and stormwater pump pad near the drainage channel along the north side of Grand Avenue just west of Scenic Valley Drive and the Raccoon River Regional Park Entrance. The stormwater pump pad is expected to accommodate two (2) new tractor PTO-driven stormwater pumps during times when the Raccoon River is in flood condition and the water levels in the detention basin on the north side of Grand Avenue within The Preserve on Grand development are elevated or expected to be elevated. New 20" pump discharge piping was constructed under Grand Avenue when it was reconstructed a few years back, in anticipation of this stormwater pump station. The project is anticipated to be substantially completed by June 30, 2019 with final site restoration to be completed by September 30, 2019.

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 Grand Avenue Stormwater Pumps;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Vanderpool Construction, 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	February 8, 2019

SUBCOMMITTEE REVIEW (if applicable)

Committee			
Date Reviewed			
Recommendation	Yes	No	Split

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

WHEREAS, on January 21, 2019, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

Grand Avenue Stormwater Pumps
Project No. 0510-073-2017

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 **19th** day of **February, 2019.**

_____
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:

Grand Avenue Stormwater Pumps
Project No. 0510-073-2017

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 Vanderpool Construction, Inc. in the amount of $162,470.00 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, that a contract for the Grand Avenue Stormwater Pumps is hereby awarded to Vanderpool Construction, Inc. in the amount of $162,470.00 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 **19th** day of **February, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

Foth
Foth Infrastructure & Environment, LLC

Tabulation of Bids
West Des Moines, IA
Grand Avenue Stormwater Pumps
Near Raccoon River Park
City Project Number: 0510-073-2017
Foth Project Number: 17W056.01

THE CITY OF WEST DES MOINES

Bid Date: Wednesday, February 13, 2019
at 2:00 pm

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	Engineer's Opinion of Cost UNIT PRICE	Engineer's Opinion of Cost SUBTOTAL	Vanderpool Construction, Inc. Indianola, IA UNIT PRICE	Vanderpool Construction, Inc. Indianola, IA SUBTOTAL	Halbrook Excavating Ankeny, IA UNIT PRICE	Halbrook Excavating Ankeny, IA SUBTOTAL	Minturn, Inc. Brooklyn, IA UNIT PRICE	Minturn, Inc. Brooklyn, IA SUBTOTAL
DIVISION 1 - GENERAL												
	(Not Used)	(Not Used)										
DIVISION 2 - EARTHWORK, SUBGRADE AND SUBBASE												
2.1		CLEARING AND GRUBBING	LS	1	$ 2,000.00	$ 2,000.00	$ 1,500.00	$ 1,500.00	$ 4,000.00	$ 4,000.00	$ 6,000.00	$ 6,000.00
2.2		TOPSOIL, ON-SITE	CY	334	$ 25.00	$ 8,350.00	$ 13.50	$ 4,509.00	$ 15.00	$ 5,010.00	$ 20.00	$ 6,680.00
2.3		TOPSOIL, IMPORT	CY	61	$ 30.00	$ 1,830.00	$ 68.50	$ 4,178.50	$ 50.00	$ 3,050.00	$ 60.00	$ 3,660.00
2.4		EXCAVATION, CLASS 10, ROADWAY & BORROW	CY	495	$ 12.00	$ 5,940.00	$ 7.50	$ 3,712.50	$ 35.00	$ 17,325.00	$ 15.00	$ 7,425.00
2.5		EXCAVATION, CLASS 10, WASTE	CY	744	$ 18.00	$ 13,392.00	$ 16.50	$ 12,276.00	$ 21.00	$ 15,624.00	$ 30.00	$ 22,320.00
2.6		SUBGRADE PREPARATION, 6 IN.	SY	485	$ 10.00	$ 4,850.00	$ 5.00	$ 2,425.00	$ 7.00	$ 3,395.00	$ 10.00	$ 4,850.00
DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION												
	(Not Used)	(Not Used)										
DIVISION 4 - SEWERS AND DRAINS												
	(Not Used)	(Not Used)										
DIVISION 5 - WATER MAIN AND APPURTENANCES												
5.1		WATER MAIN, TRENCHED, RESTRAINED JOINT, C151, CLASS 52, 16 IN.	LF	41	$ 250.00	$ 10,250.00	$ 375.00	$ 15,375.00	$ 275.00	$ 11,275.00	$ 500.00	$ 20,500.00
5.2		WATER MAIN, TRENCHED, RESTRAINED JOINT, C151, CLASS 52, 20 IN.	LF	54	$ 350.00	$ 18,900.00	$ 380.00	$ 20,520.00	$ 175.00	$ 9,450.00	$ 500.00	$ 27,000.00
5.3		WATER MAIN FITTINGS	LB	2,804	$ 15.00	$ 42,060.00	$ 9.50	$ 26,638.00	$ 7.00	$ 19,628.00	$ 5.00	$ 14,020.00
5.4		VALVE, BUTTERFLY WITH HANDWHEEL, 16 IN.	EA	2	$ 2,500.00	$ 5,000.00	$ 6,900.00	$ 13,800.00	$ 4,500.00	$ 9,000.00	$ 5,000.00	$ 10,000.00
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWER												
	(Not Used)	(Not Used)										
DIVISION 7 - STREETS AND RELATED WORK												
7.1		CURB AND GUTTER, REINFORCED PCC, 9 IN.	LF	30	$ 50.00	$ 1,500.00	$ 63.00	$ 1,890.00	$ 60.00	$ 1,800.00	$ 80.00	$ 2,400.00
7.2		DRIVEWAY, PAVED, REINFORCED PCC, 8 IN.	SY	456	$ 70.00	$ 31,920.00	$ 74.00	$ 33,744.00	$ 65.00	$ 29,640.00	$ 140.00	$ 63,840.00
7.3		PAVEMENT REMOVAL	SY	44	$ 25.00	$ 1,100.00	$ 23.00	$ 1,012.00	$ 20.00	$ 880.00	$ 40.00	$ 1,760.00
7.4		CURB GRINDING	LF	70	$ 15.00	$ 1,050.00	$ 17.00	$ 1,190.00	$ 15.00	$ 1,050.00	$ 15.00	$ 1,050.00
DIVISION 8 - TRAFFIC SIGNALS AND TRAFFIC CONTROL												
8.1		TRAFFIC CONTROL	LS	1	$ 5,000.00	$ 5,000.00	$ 4,000.00	$ 4,000.00	$ 7,500.00	$ 7,500.00	$ 4,500.00	$ 4,500.00
DIVISION 9 - SITE WORK AND LANDSCAPING												
9.1		HYDRAULIC SEEDING, FERT. & MULCH., TYPE 1 (PERM. LAWN MIX.)	ACRE	0.5	$ 10,000.00	$ 5,000.00	$ 4,600.00	$ 2,300.00	$ 5,000.00	$ 2,500.00	$ 4,000.00	$ 2,000.00
9.2		HYDRAULIC SEEDING, FERT. & MULCH., TYPE 2 (PERM. COOL SEASON	ACRE	0.5	$ 10,000.00	$ 5,000.00	$ 4,500.00	$ 2,250.00	$ 5,000.00	$ 2,500.00	$ 4,000.00	$ 2,000.00
9.3		FILTER SOCK, INSTALLATION & MAINTENANCE	LF	250	$ 2.00	$ 500.00	$ 2.50	$ 625.00	$ 2.50	$ 625.00	$ 2.00	$ 500.00
9.4		FILTER SOCK, REMOVAL OF DEVICE	LF	250	$ 1.00	$ 250.00	$ 0.50	$ 125.00	$ 1.00	$ 250.00	$ 0.50	$ 125.00
9.5		SILT FENCE, INSTALLATION & MAINTENANCE	LF	500	$ 2.00	$ 1,000.00	$ 2.50	$ 1,250.00	$ 2.50	$ 1,250.00	$ 2.00	$ 1,000.00
9.6		SILT FENCE, REMOVAL OF DEVICE	LF	500	$ 1.00	$ 500.00	$ 0.50	$ 250.00	$ 1.00	$ 500.00	$ 0.50	$ 250.00
9.7		INLET PROTECTION DEVICE	EA	1	$ 500.00	$ 500.00	$ 200.00	$ 200.00	$ 250.00	$ 250.00	$ 175.00	$ 175.00
9.8		COMBINED CONCRETE RETAINING WALL, TYPE A	CY	1.5	$ 1,000.00	$ 1,500.00	$ 3,500.00	$ 5,250.00	$ 3,000.00	$ 4,500.00	$ 2,000.00	$ 3,000.00
DIVISION 10 - DEMOLITION												
	(Not Used)	(Not Used)										
DIVISION 11 - MISCELLANEOUS												
11.1		CONSTRUCTION SURVEY	LS	1	$ 5,000.00	$ 5,000.00	$ 1,700.00	$ 1,700.00	$ 25,000.00	$ 25,000.00	$ 1,500.00	$ 1,500.00
11.2		CONCRETE WASHOUT	LS	1	$ 1,000.00	$ 1,000.00	$ 400.00	$ 400.00	$ 1,500.00	$ 1,500.00	$ 350.00	$ 350.00
11.3		PUMP GAUGE	LS	1	$ 1,000.00	$ 1,000.00	$ 1,350.00	$ 1,350.00	$ 750.00	$ 750.00	$ 2,000.00	$ 2,000.00
DIVISION 12 - STRUCTURES												
	(Not Used)	(Not Used)										
TOTAL BASE BID						$ 174,392.00		$ 162,470.00		$ 178,252.00		$ 208,905.00
				Bid Bond/Check				x		x		x
				Corrected								

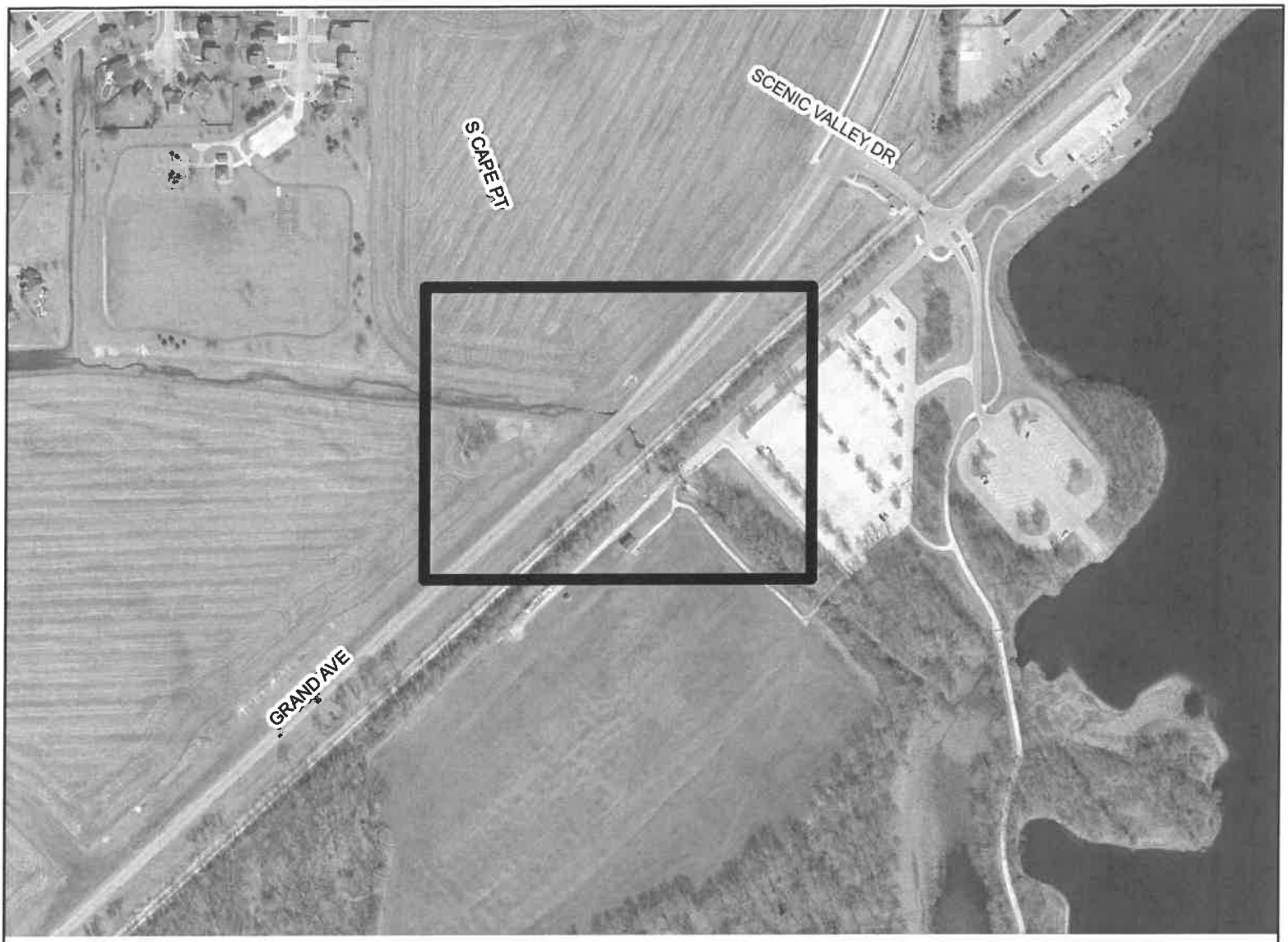
I hereby certify that this is a true and correct tabulation of bids received on February 13, 2019 for the Grand Avenue Stormwater Pumps.
City Project Number: 0510-073-2017 - West Des Moines, IA - 2019

2/13/19

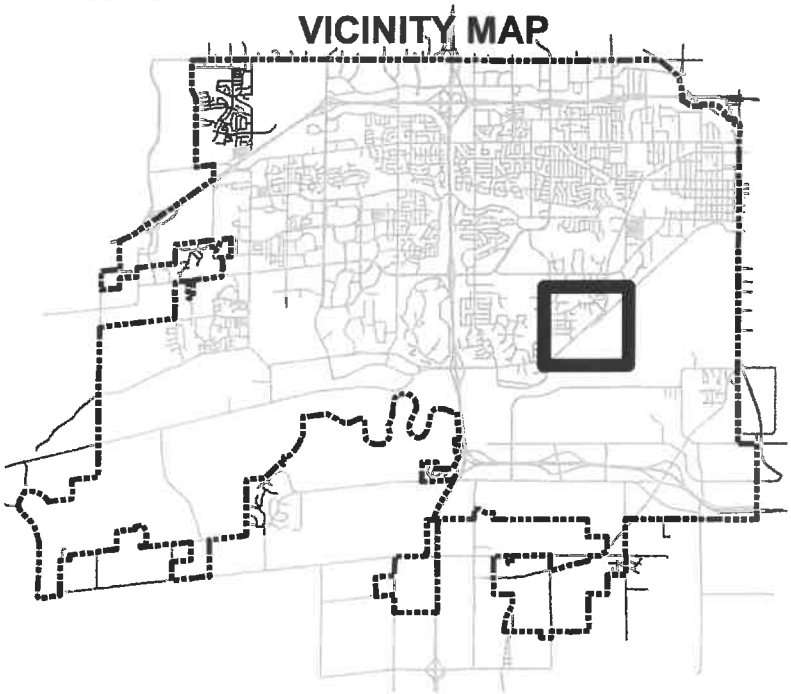
Joshua C. DeBower, P.E. License No. 20508 Date 02/13/2019

Foth Infrastructure Environment, LLC
8191 Birchwood Court, Suite L
Johnston, Iowa 50131
Phone: 515.254.1393
Fax: 515.254.1642

Date Prepared: 2/13/2019
c:\pw_workdir\pw_ie\jcd\d0198403\
Bid Tab-2019-0213-WDM-Grand Avenue Stormwater Pumps



VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:	**Grand Avenue Stormwater Pumps**		
LOCATION:	**Grand Avenue West of Park Entrance**		
DRAWN BY: JDR	DATE: 8/7/2017	PROJECT NUMBER : 0510-073-2017 SUBDIVISION NAME:	SHT. 1 of 1