CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

6(f)

DATE: March 4, 2019

ITEM:

Public Hearing (5:35 p.m.)
2019 PCC Reconstruction Program

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost was estimated to be $642,747.50 for the 2019 PCC Reconstruction Program. There were three (3) bids submitted with the low bid of $629,925.50 being submitted by Alliance Construction Group, LLC of Grimes, Iowa. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Road Use Tax. Funds for the project are available in the FY 19-20 budget, but due to timing of the construction season, this project will begin on an accelerated schedule.

BACKGROUND:

This project involves complete reconstruction of Vine Street from 9th Street to 12th Street and includes pavement removal and replacement, grading, storm sewer, sanitary sewer modifications, and other related miscellaneous work required to reconstruct this street. Close coordination with the Stilwell Junior High School is planned. Vine Street will not be closed until June 1, 2019 or later. The project is anticipated to be completed by September 30, 2019.

Parks Staff are working to find an alternate route for the 4th of July parade, as the normal route will be impacted by construction of this project.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for 2019 PCC Reconstruction Program;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Alliance Construction Group, LLC.

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
Agenda Acceptance	KTG

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	February 22, 2019

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	February 25, 2019		
Recommendation	Yes	No	Split

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

WHEREAS, on February 4, 2019, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

2019 PCC Reconstruction Program
Project No. 0510-001-2019

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 **4th** day of **March, 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:

2019 PCC Reconstruction Program
Project No. 0510-001-2019

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 Alliance Construction Group, LLC in the amount of $629,925.50 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 2019 PCC Reconstruction Program is hereby awarded to Alliance Construction Group, LLC in the amount of $629,925.50 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 **4th** day of **March, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

City of West Des Moines
2019 Street Reconstruction Project
West Des Moines, Iowa

TABULATION OF BIDS
February 27, 2019 @ 2:00pm

BOLTON & MENK
Real People. Real Solutions.

309 E 5th Street
Suite 202
Des Moines, IA 50309-1981

Ph: (515) 259-9190
Fax: (515) 233-4430
Bolton-Menk.com

Line No.	Description	Unit	Quantity	Engineer's Estimate Unit Price	Engineer's Estimate Amount	Alliance Construction Group Grimes, IA Unit Price	Alliance Construction Group Grimes, IA Amount	Concrete Technologies Grimes, IA Unit Price	Concrete Technologies Grimes, IA Amount	Absolute Concrete Construction Slater, IA Unit Price	Absolute Concrete Construction Slater, IA Amount
1	TRAFFIC CONTROL	LS	1.00	$20,000.00	$20,000.00	$11,000.00	$11,000.00	$70,000.00	$70,000.00	$15,000.00	$15,000.00
2	TOPSOIL, ON-SITE, STRIP, SALVAGE, AND RESPREAD	CY	500.00	$25.00	$12,500.00	$37.00	$18,500.00	$26.25	$13,125.00	$35.00	$17,500.00
3	EXCAVATION, CLASS 10	CY	295.00	$15.00	$4,425.00	$24.00	$7,080.00	$15.75	$4,646.25	$25.00	$7,375.00
4	EXCAVATION, CORE OUT	CY	100.00	$40.00	$4,000.00	$59.00	$5,900.00	$49.75	$4,975.00	$64.00	$6,400.00
5	SUBGRADE PREPARATION	SY	4250.00	$3.00	$12,750.00	$2.00	$8,500.00	$2.90	$12,325.00	$2.50	$10,625.00
6	SUBGRADE TREATMENT, FLY ASH	SY	4250.00	$12.00	$51,000.00	$3.50	$14,875.00	$7.25	$30,812.50	$6.00	$25,500.00
7	SUBBASE, MODIFIED, 6"	SY	4250.00	$12.50	$53,125.00	$17.75	$75,437.50	$9.50	$40,375.00	$18.50	$78,625.00
8	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	100.00	$25.00	$2,500.00	$70.00	$7,000.00	$31.25	$3,125.00	$70.00	$7,000.00
9	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC TRUSS (PVCT), 8"	LF	90.00	$100.00	$9,000.00	$340.00	$30,600.00	$210.00	$18,900.00	$335.00	$30,150.00
10	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC TRUSS (PVCT), 12"	LF	10.00	$110.00	$1,100.00	$400.00	$4,000.00	$210.00	$2,100.00	$365.00	$3,650.00
11	STORM SEWER, TRENCHED, RCP, 15" CLASS III	LF	90.00	$65.00	$5,850.00	$115.00	$10,350.00	$210.00	$18,900.00	$110.00	$9,900.00
12	SUBDRAIN, TYPE 1, PVC, 6"	LF	1374.00	$15.00	$20,610.00	$15.00	$20,610.00	$17.25	$23,701.50	$21.00	$28,854.00
13	SUBDRAIN CLEANOUT, TYPE A-1, 6"	EA	6.00	$750.00	$4,500.00	$500.00	$3,000.00	$525.00	$3,150.00	$665.00	$3,990.00
14	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6"	EA	6.00	$750.00	$4,500.00	$400.00	$2,400.00	$525.00	$3,150.00	$360.00	$2,160.00
15	VALVE BOX EXTENSION	EA	12.00	$500.00	$6,000.00	$1,000.00	$12,000.00	$525.00	$6,300.00	$995.00	$11,940.00
16	FIRE HYDRANT ADJUSTMENT	EA	2.00	$1,100.00	$2,200.00	$4,200.00	$8,400.00	$2,100.00	$4,200.00	$4,200.00	$8,400.00
17	SANITARY MANHOLE, SW-301, 48 INCH	EA	5.00	$4,500.00	$22,500.00	$7,500.00	$37,500.00	$6,300.00	$31,500.00	$7,305.00	$36,525.00
18	INTAKE, SW-505	EA	6.00	$5,000.00	$30,000.00	$5,100.00	$30,600.00	$6,300.00	$37,800.00	$5,015.00	$30,090.00
19	MANHOLE ADJUSTMENT, MINOR	EA	5.00	$1,500.00	$7,500.00	$900.00	$4,500.00	$1,575.00	$7,875.00	$875.00	$4,375.00
20	CONNECTION TO EXISTING SANITARY SEWER	EA	10.00	$1,000.00	$10,000.00	$1,600.00	$16,000.00	$3,675.00	$36,750.00	$1,600.00	$16,000.00
21	REMOVE MANHOLE	EA	5.00	$750.00	$3,750.00	$900.00	$4,500.00	$1,155.00	$5,775.00	$850.00	$4,250.00
22	REMOVE INTAKE	EA	6.00	$500.00	$3,000.00	$900.00	$5,400.00	$1,155.00	$6,930.00	$850.00	$5,100.00
23	PAVEMENT, PCC, 7" REINFORCED	SY	3750.00	$60.00	$225,000.00	$48.00	$180,000.00	$50.00	$187,500.00	$60.00	$225,000.00
24	REMOVAL OF SIDEWALK	SY	280.00	$12.50	$3,500.00	$15.00	$4,200.00	$14.75	$4,130.00	$14.00	$3,920.00
25	REMOVAL OF DRIVEWAY	SY	123.00	$12.50	$1,537.50	$15.00	$1,845.00	$14.75	$1,814.25	$14.00	$1,722.00
26	SIDEWALK, PCC, 4"	SY	135.00	$60.00	$8,100.00	$45.00	$6,075.00	$76.50	$10,327.50	$75.00	$10,125.00
27	SIDEWALK, PCC, 6"	SY	115.00	$65.00	$7,475.00	$46.00	$5,290.00	$98.00	$11,270.00	$95.00	$10,925.00
28	DETECTABLE WARNING	SF	196.00	$50.00	$9,800.00	$43.00	$8,428.00	$35.00	$6,860.00	$50.00	$9,800.00
29	DRIVEWAY, PAVED, TYPE A, 6"	SY	130.00	$65.00	$8,450.00	$50.00	$6,500.00	$60.00	$7,800.00	$110.00	$14,300.00
30	PAVEMENT REMOVAL	SY	3600.00	$10.00	$36,000.00	$12.50	$45,000.00	$13.75	$49,500.00	$12.00	$43,200.00
31	PAINTED SYMBOLS AND LEGENDS, HIGH-BUILD WATERBORNE	EA	8.00	$200.00	$1,600.00	$295.00	$2,360.00	$420.00	$3,360.00	$350.00	$2,800.00
32	SOD	SQ	240.00	$80.00	$19,200.00	$50.00	$12,000.00	$73.50	$17,640.00	$75.00	$18,000.00
33	SWPPP PREPARATION	LS	1.00	$1,500.00	$1,500.00	$2,100.00	$2,100.00	$1,575.00	$1,575.00	$500.00	$500.00
34	SWPPP MANAGEMENT	LS	1.00	$5,000.00	$5,000.00	$2,500.00	$2,500.00	$2,100.00	$2,100.00	$3,000.00	$3,000.00
35	FILTER SOCK, 8", INSTALL, MAINTAIN, AND REMOVE	LF	2750.00	$3.50	$9,625.00	$2.00	$5,500.00	$1.60	$4,400.00	$2.50	$6,875.00
36	TEMPORARY RECP, TYPE 2 (EROSION CONTROL BLANKET)	SY	750.00	$3.00	$2,250.00	$1.50	$1,125.00	$1.60	$1,200.00	$2.50	$1,875.00
37	EROSION CONTROL MULCHING, HYDROMULCHING	AC	0.55	$2,000.00	$1,100.00	$3,000.00	$1,650.00	$1,900.00	$1,045.00	$1,500.00	$825.00
38	INLET PROTECTION DEVICE, INSTALL, MAINTAIN, AND REMOVE	EA	12.00	$150.00	$1,800.00	$50.00	$600.00	$157.50	$1,890.00	$125.00	$1,500.00
39	CONSTRUCTION SURVEY	LS	1.00	$5,000.00	$5,000.00	$5,400.00	$5,400.00	$5,670.00	$5,670.00	$5,400.00	$5,400.00
40	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1.00	$5,000.00	$5,000.00	$1,200.00	$1,200.00	$2,000.00	$2,000.00	$16,000.00	$16,000.00
	TOTAL BASE BID				$642,747.50		$629,925.50		$706,497.00		$739,176.00

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

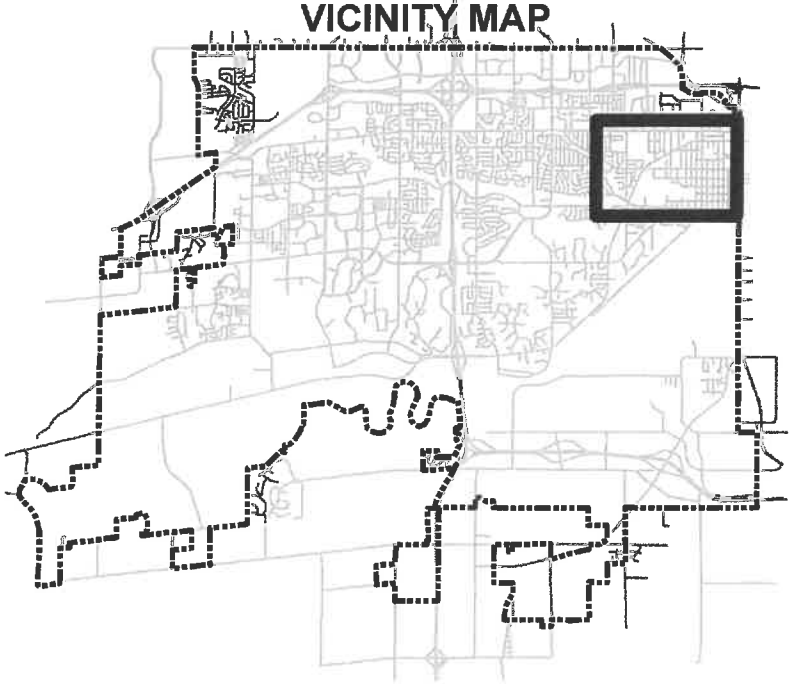
LICENSED PROFESSIONAL ENGINEER
CHARLES N. KAHLSDORF
23243
IOWA

Charles N Kahlsdorf, P.E.
Reg. No. 23243

27 FEB 2019
Date

27-Feb-19
H:\WDSMIA\A13116963_2019 Recon Program\6_Plans-Specs\B_Bid Tabulation\[2019 Street Reconstruction Bid Tab.xlsx]Bid Tabulation

VICINITY MAP



LEGEND

PROJECT LOCATION

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W E
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THE CITY OF WEST DES MOINES

PROJECT: **2019 Street Reconstruction Program**

LOCATION: **Exhibit "A"**

DRAWN BY: JDR	DATE: 1/30/2019	PROJECT NUMBER/NAME: 0510-001-2019	SHT. 1 of 1