CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 16, 2020

ITEM:

Public Hearing (5:35 p.m.)
2020 PCC Reconstruction Program

FINANCIAL IMPACT:

The revised Engineering Estimate of Construction Cost was estimated to be $1,348,742.50 for the 2020 PCC Reconstruction Program. There were five (5) bids submitted with the low bid of $1,035,193.50 being submitted by Rognes Corporation of Ankeny, 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 20-21 budget, but due to timing of the construction season, this project will begin on an accelerated schedule.

BACKGROUND:

This project involves complete reconstruction of 12th Street from Vine Street to Walnut Street and Walnut Street from 12th Street to 13th Street and includes pavement removal and replacement, grading, storm sewer, sanitary sewer modifications, and other related miscellaneous work required to reconstruct this street. Bridges of Iowa has verbally committed to allowing residents affected by construction of this project to use their parking lots located at their 1211 Vine Street facility. The project is anticipated to be completed by October 30, 2020.

Bolton & Menk and City of West Des Moines Engineering Services staff went door-to-door on March 11, 2020 from 5:00-7:00pm and were able to speak with residents at 15 of the 29 properties affected by the project. If residents were not home during this time, a door hanger similar to the previously mailed public notification letter was left at the home. A public outreach video on the project has also been created and is being shared on the City's website.

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 2020 PCC Reconstruction Program;
- Motion receiving and filing Report of Bids;
- Resolution waiving bid irregularities and awarding the construction contract to Rognes Corporation.

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	March 6, 2020

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 February 17, 2020, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

2020 PCC Reconstruction Program
Project No. 0510-001-2020

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 **16th** day of **March, 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:

2020 PCC Reconstruction Program
Project No. 0510-001-2020

and,

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

WHEREAS, an irregularity was noted on one of the bids that was received; and

WHEREAS, the irregularity noted was not substantive in nature; and

WHEREAS, the bid of Rognes Corporation in the amount of $1,035,193.50 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, waives the irregularity 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 2020 PCC Reconstruction Program is hereby awarded to Rognes Corporation in the amount of $1,035,193.50 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 **16th** day of **March, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

TABULATION OF BIDS
2020 PCC RECONSTRUCTION
CITY OF WEST DES MOINES
BMI CONTRACT NO.: A13.119503
CITY CONTRACT NO.: 0510-001-2020

3/11/2020 @ 2:00pm

BOLTON & MENK
Real People. Real Solutions.
309 E 5th Street
Suite 202
Des Moines, IA 50309
(515) 259-9190

Item No.	Description	Unit	Quantity	Engineer's estimate Bolton & Menk, Inc		Rognes Corporation Ankeny, Iowa		Alliance Construction Group Urbandale, Iowa		Concrete Technologies Inc Grimes, Iowa		Absolute Concrete Slater, Iowa		Corell Contractor Inc West Des Moines, Iowa	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CLEARING AND GRUBBING	LS	1	$3,500.00	$3,500.00	$7,500.00	$7,500.00	$9,000.00	$9,000.00	$7,350.00	$7,350.00	$7,500.00	$7,500.00	$70,500.00	$70,500.00
2	EXCAVATION, CLASS 10	CY	695	$25.00	$17,375.00	$17.00	$11,815.00	$29.00	$20,155.00	$51.00	$35,445.00	$50.00	$34,750.00	$80.00	$55,600.00
3	EXCAVATION, CORE OUT	CY	150	$65.00	$9,750.00	$47.00	$7,050.00	$70.00	$10,500.00	$68.00	$10,200.00	$66.50	$9,975.00	$65.00	$9,750.00
4	SUBGRADE PREPARATION	SY	4500	$3.00	$13,500.00	$1.50	$6,750.00	$1.25	$5,625.00	$3.95	$17,775.00	$4.00	$18,000.00	$6.50	$29,250.00
5	SUBGRADE TREATMENT, FLY ASH OR CEMENT TREATMENT	SY	4500	$7.50	$33,750.00	$8.00	$36,000.00	$13.75	$61,875.00	$10.50	$47,250.00	$10.25	$46,125.00	$17.50	$78,750.00
6	SUBBASE, MODIFIED, 6 IN.	SY	4500	$20.00	$90,000.00	$9.00	$40,500.00	$16.50	$74,250.00	$14.75	$66,375.00	$14.35	$64,575.00	$10.00	$45,000.00
7	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	100	$70.00	$7,000.00	$47.00	$4,700.00	$40.00	$4,000.00	$52.50	$5,250.00	$51.25	$5,125.00	$65.00	$6,500.00
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, SDR 26, 8 IN.	LF	20	$250.00	$5,000.00	$61.00	$1,220.00	$200.00	$4,000.00	$105.00	$2,100.00	$102.50	$2,050.00	$250.00	$5,000.00
9	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, SDR 26, 10 IN.	LF	70	$300.00	$21,000.00	$61.00	$4,270.00	$200.00	$14,000.00	$115.00	$8,050.00	$112.75	$7,892.50	$80.00	$5,600.00
10	SANITARY SEWER SERVICE RELOCATION	EA	5	$2,500.00	$12,500.00	$2,000.00	$10,000.00	$1,900.00	$9,500.00	$1,575.00	$7,875.00	$1,550.00	$7,750.00	$7,000.00	$35,000.00
11	STORM SEWER, AS SUBDRAIN, TRENCHED, RCP CLASS III, 15 IN.	LF	139	$75.00	$10,425.00	$118.00	$16,402.00	$102.00	$14,178.00	$137.50	$19,112.50	$135.00	$18,765.00	$165.00	$22,935.00
12	STORM SEWER, AS SUBDRAIN, TRENCHED, RCP CLASS III, 18 IN.	LF	22.5	$80.00	$1,800.00	$131.00	$2,947.50	$106.00	$2,385.00	$139.75	$3,144.38	$140.00	$3,150.00	$190.00	$4,275.00
13	STORM SEWER, AS SUBDRAIN, TRENCHED, RCP CLASS III, 24 IN.	LF	917	$90.00	$82,530.00	$148.00	$135,716.00	$112.00	$102,704.00	$158.00	$144,886.00	$155.00	$142,135.00	$190.00	$174,230.00
14	STORM SEWER, AS SUBDRAIN, TRENCHED, RCP CLASS III, 30 IN.	LF	344.1	$100.00	$34,410.00	$181.00	$62,282.10	$124.00	$42,668.40	$188.00	$64,690.80	$185.00	$63,658.50	$205.00	$70,540.50
15	STORM SEWER, TRENCHED, RCP CLASS III, 36 IN.	LF	214	$135.00	$28,890.00	$196.00	$41,944.00	$136.00	$29,104.00	$207.00	$44,298.00	$202.00	$43,228.00	$160.00	$34,240.00
16	REMOVAL OF STORM SEWER	LF	116	$15.00	$1,740.00	$16.00	$1,856.00	$103.00	$11,948.00	$40.00	$4,640.00	$39.00	$4,524.00	$75.00	$8,700.00
17	PIPE APRON, RCP, 36 IN.	EA	1	$3,500.00	$3,500.00	$760.00	$760.00	$6,184.00	$6,184.00	$4,515.00	$4,515.00	$4,500.00	$4,500.00	$4,500.00	$4,500.00
18	STORM SEWER SERVICE STUB, PVC, 6 IN.	LF	165.5	$60.00	$9,930.00	$93.00	$15,391.50	$54.00	$8,937.00	$78.75	$13,033.13	$77.00	$12,743.50	$150.00	$24,825.00
19	WATER MAIN, TRENCHED, DIP, 8 IN.	LF	40	$200.00	$8,000.00	$53.00	$2,120.00	$243.00	$9,720.00	$183.75	$7,350.00	$180.00	$7,200.00	$315.00	$12,600.00
20	WATER MAIN, TRENCHED, DIP, 12 IN.	LF	40	$225.00	$9,000.00	$102.00	$4,080.00	$280.00	$11,200.00	$210.00	$8,400.00	$205.00	$8,200.00	$340.00	$13,600.00
21	WATER SERVICE PIPE, TYPE K COPPER, 1"	EA	5	$2,500.00	$12,500.00	$2,890.00	$14,450.00	$985.00	$4,925.00	$2,625.00	$13,125.00	$2,600.00	$13,000.00	$4,000.00	$20,000.00
22	SANITARY MANHOLE, SW-301, 48 INCH	EA	4	$7,500.00	$30,000.00	$4,850.00	$19,400.00	$14,000.00	$56,000.00	$15,750.00	$63,000.00	$15,500.00	$62,000.00	$15,000.00	$60,000.00
23	STORM MANHOLE, SW-401, 48 IN.	EA	6	$5,000.00	$30,000.00	$5,025.00	$30,150.00	$7,300.00	$43,800.00	$6,195.00	$37,170.00	$6,100.00	$36,600.00	$4,000.00	$24,000.00
24	STORM MANHOLE, SW-401, 60 IN.	EA	2	$5,500.00	$11,000.00	$7,850.00	$15,700.00	$8,900.00	$17,800.00	$6,510.00	$13,020.00	$6,400.00	$12,800.00	$6,100.00	$12,200.00
25	STORM MANHOLE, SW-401, 72 IN.	EA	2	$7,500.00	$15,000.00	$11,650.00	$23,300.00	$10,000.00	$20,000.00	$10,395.00	$20,790.00	$10,200.00	$20,400.00	$9,500.00	$19,000.00
26	STORM MANHOLE, SW-401, 84 IN.	EA	1	$10,000.00	$10,000.00	$17,550.00	$17,550.00	$20,000.00	$20,000.00	$12,705.00	$12,705.00	$12,450.00	$12,450.00	$11,500.00	$11,500.00
27	INTAKE, SW-501	EA	6	$5,000.00	$30,000.00	$2,330.00	$13,980.00	$5,000.00	$30,000.00	$3,150.00	$18,900.00	$3,100.00	$18,600.00	$2,750.00	$16,500.00
28	INTAKE, SW-505	EA	6	$6,500.00	$39,000.00	$3,325.00	$19,950.00	$6,000.00	$36,000.00	$4,935.00	$29,610.00	$4,850.00	$29,100.00	$5,000.00	$30,000.00
29	MANHOLE ADJUSTMENT, MINOR	EA	1	$1,500.00	$1,500.00	$1,300.00	$1,300.00	$1,376.00	$1,376.00	$2,205.00	$2,205.00	$2,155.00	$2,155.00	$1,500.00	$1,500.00
30	REMOVE MANHOLE	EA	4	$1,250.00	$5,000.00	$500.00	$2,000.00	$1,500.00	$6,000.00	$1,575.00	$6,300.00	$1,550.00	$6,200.00	$1,500.00	$6,000.00
31	REMOVE INTAKE	EA	2	$1,250.00	$2,500.00	$500.00	$1,000.00	$2,500.00	$5,000.00	$735.00	$1,470.00	$720.00	$1,440.00	$1,500.00	$3,000.00
32	PAVEMENT, PCC, 6 IN. REINFORCED	SY	2900	$67.50	$195,750.00	$65.00	$188,500.00	$68.00	$197,200.00	$66.25	$192,125.00	$69.00	$200,100.00	$62.00	$179,800.00
33	6 IN. PCC CURB AND GUTTER, 3' WIDTH	LF	2900	$85.00	$246,500.00	$30.00	$87,000.00	$28.00	$81,200.00	$32.50	$94,250.00	$30.00	$87,000.00	$28.70	$83,230.00
34	REMOVAL OF SIDEWALK	SY	605	$15.00	$9,075.00	$15.00	$9,075.00	$15.00	$9,075.00	$5.25	$3,176.25	$5.25	$3,176.25	$10.00	$6,050.00
35	REMOVAL OF DRIVEWAY	SY	210	$15.00	$3,150.00	$20.00	$4,200.00	$15.00	$3,150.00	$26.25	$5,512.50	$26.00	$5,460.00	$15.00	$3,150.00
36	SIDEWALK, PCC, 4 IN.	SY	490	$75.00	$36,750.00	$49.00	$24,010.00	$42.00	$20,580.00	$42.00	$20,580.00	$42.00	$20,580.00	$49.50	$24,255.00
37	SIDEWALK, PCC, 6 IN.	SY	170	$95.00	$16,150.00	$70.00	$11,900.00	$60.00	$10,200.00	$52.00	$8,840.00	$63.00	$10,710.00	$71.50	$12,155.00
38	DETECTABLE WARNING	SF	120	$50.00	$6,000.00	$38.00	$4,560.00	$32.00	$3,840.00	$50.00	$6,000.00	$47.00	$5,640.00	$38.50	$4,620.00
39	DRIVEWAY, PAVED, PCC, 6 IN.	SY	235	$65.00	$15,275.00	$54.00	$12,690.00	$48.00	$11,280.00	$62.00	$14,570.00	$57.50	$13,512.50	$55.00	$12,925.00
40	PAVEMENT REMOVAL	SY	3810	$17.50	$66,675.00	$12.00	$45,720.00	$15.00	$57,150.00	$9.50	$36,195.00	$9.50	$36,195.00	$15.00	$57,150.00
41	FULL DEPTH SAW CUT	LF	1308.6	$12.50	$16,357.50	$4.00	$5,234.40	$8.00	$10,468.80	$4.20	$5,496.12	$4.25	$5,561.55	$5.00	$6,543.00
42	TEMPORARY TRAFFIC CONTROL	LS	1	$25,000.00	$25,000.00	$5,850.00	$5,850.00	$8,000.00	$8,000.00	$19,000.00	$19,000.00	$5,500.00	$5,500.00	$5,950.00	$5,950.00
43	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	0.2	$5,000.00	$1,000.00	$9,200.00	$1,840.00	$8,500.00	$1,700.00	$5,250.00	$1,050.00	$5,500.00	$1,100.00	$9,350.00	$1,870.00
44	SOD	SQ	110	$80.00	$9,900.00	$71.00	$7,810.00	$65.00	$7,150.00	$85.00	$9,350.00	$85.00	$9,350.00	$71.50	$7,865.00
45	SWPPP PREPARATION	LS	1	$2,500.00	$2,500.00	$2,005.00	$2,005.00	$1,850.00	$1,850.00	$1,575.00	$1,575.00	$1,250.00	$1,250.00	$2,035.00	$2,035.00
46	SWPPP MANAGEMENT	LS	1	$3,500.00	$3,500.00	$2,875.00	$2,875.00	$2,650.00	$2,650.00	$3,150.00	$3,150.00	$5,000.00	$5,000.00	$2,915.00	$2,915.00
47	FILTER SOCK, 9 IN. DIA	LF	2560	$3.50	$8,960.00	$2.00	$5,120.00	$1.75	$4,480.00	$1.60	$4,096.00	$3.00	$7,680.00	$2.00	$5,120.00
48	RIP RAP, CLASS D	TON	20	$150.00	$3,000.00	$67.00	$1,340.00	$100.00	$2,000.00	$105.00	$2,100.00	$102.50	$2,050.00	$80.00	$1,600.00
49	STABILIZED CONSTRUCTION ENTRANCE	SY	330	$25.00	$8,250.00	$10.00	$3,300.00	$20.00	$6,600.00	$21.00	$6,930.00	$20.50	$6,765.00	$13.00	$4,290.00
50	STABILIZED CONSTRUCTION ENTRANCE (MAINTENANCE)	TON	80	$75.00	$6,000.00	$30.00	$2,400.00	$55.00	$4,400.00	$55.75	$4,460.00	$55.00	$4,400.00	$45.00	$3,600.00
51	EROSION CONTROL MULCHING, HYDROMULCHING	AC	0.75	$5,000.00	$3,750.00	$2,700.00	$2,025.00	$2,500.00	$1,875.00	$2,100.00	$1,575.00	$2,750.00	$2,062.50	$2,750.00	$2,062.50
52	INLET PROTECTION DEVICE	EA	12	$150.00	$1,800.00	$163.00	$1,956.00	$150.00	$1,800.00	$158.00	$1,896.00	$175.00	$2,100.00	$165.00	$1,980.00
53	INLET PROTECTION DEVICE, MAINTENANCE	EA	12	$150.00	$1,800.00	$27.00	$324.00	$25.00	$300.00	$21.00	$252.00	$25.00	$300.00	$27.50	$330.00
54	TEMPORARY SAFETY FENCE	LF	2900	$15.00	$43,500.00	$2.75	$7,975.00	$3.50	$10,150.00	$2.65	$7,685.00	$5.00	$14,500.00	$6.00	$17,400.00
55	CONSTRUCTION SURVEY	LS	1	$12,000.00	$12,000.00	$13,100.00	$13,100.00	$10,000.00	$10,000.00	$6,930.00	$6,930.00	$10,000.00	$10,000.00	$15,800.00	$15,800.00
56	MAINTENANCE OF GARBAGE, RECYLING, YARD WASTE, & MAIL SERVICE	LS	1	$3,500.00	$3,500.00	$2,600.00	$2,600.00	$15,000.00	$15,000.00	$4,225.00	$4,225.00	$20,000.00	$20,000.00	$20,000.00	$20,000.00
57	TEMPORARY PEDESTRIAN RESIDENTIAL ACCESS	LS	1	$7,500.00	$7,500.00	$3,700.00	$3,700.00	$23,000.00	$23,000.00	$21,000.00	$21,000.00	$21,000.00	$21,000.00	$11,000.00	$11,000.00
58	CONCRETE WASHOUT	LS	1	$5,000.00	$5,000.00	$6,000.00	$6,000.00	$2,000.00	$2,000.00	$1,325.00	$1,325.00	$1,550.00	$1,550.00	$1,650.00	$1,650.00
	TOTAL BASE BID				$1,348,742.50		$1,035,193.50		$1,199,933.20		$1,223,378.67		$1,229,134.30		$1,410,441.00

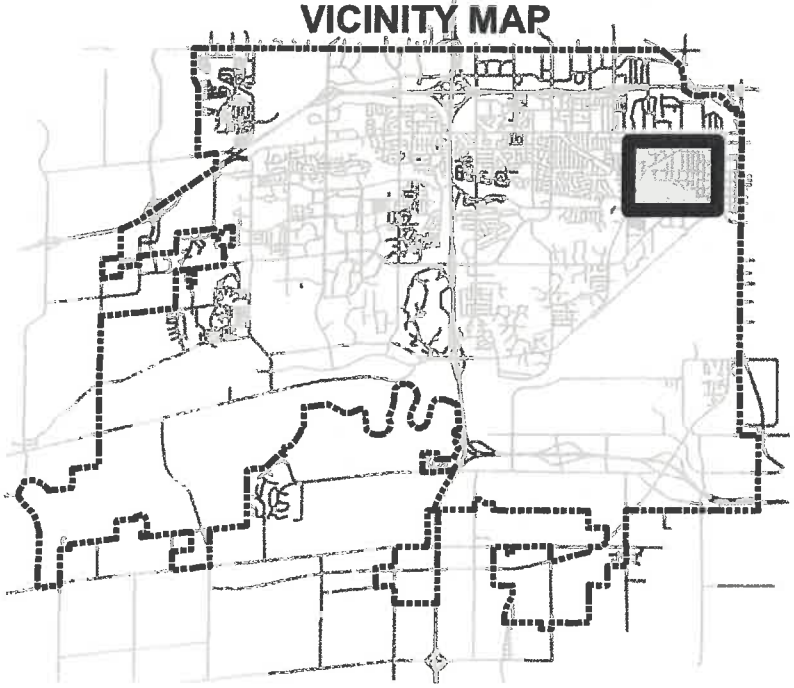
Denotes math error on proposal

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

11 MAR 2020
Date

Charles N Kahlsdorf, P.E.
Reg. No. 23243
11-Mar-20
H:\WDSMIA\A13119503_2020 Recon Program\6_Plans-Specs\B_Bid Tabulation\J119503 Bid Tab.xlsx]Sheet1

VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

2020 Street Reconstruction Program

LOCATION: **Exhibit "A"**

DRAWN BY: JDR	DATE: 7/25/2019	PROJECT NUMBER/NAME: 0510-001-2020	SHT. 1 of 1