CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

6(d)

DATE: March 21, 2022

ITEM:

Public Hearing (5:35 p.m.)
Digital Enterprise Conduit Deployment Segment 4 Phase 2

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost was estimated to be $6,352,516.00 for the Digital Enterprise Conduit Deployment Segment 4 Phase 2. There were two (2) bids submitted with the low bid of $6,602,744.75 being submitted by Kramer Service Group of Weyerhaeuser, Wisconsin. Payments will be made from account no. 670.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds.

The submitted bids were approximately 4% over Engineers Estimate. Continued raw material shortages for vaults and conduit as well as high demand for conduit installation are contributing to increased bid prices. Staff recommends awarding the contract to Kramer Service Group even though the bid was slightly higher than the Engineer's Estimate. Re-bidding the project will likely result in fewer bidders, higher bid prices, and delay in completion of the project that could affect contractual obligations with service providers.

BACKGROUND:

The West Des Moines Digital Enterprise Last Mile Conduit Deployment Segment 4 Phase 2 project includes the installation of a multi-user fiber conduit network within public right-of-way to support the connection of every residence and business wishing to connect generally from I-35 to Grand Avenue south of EP True Pkwy in West Des Moines. The project is anticipated to be completed by June 2, 2023.

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 the Digital Enterprise Conduit Deployment Segment 4 Phase 2;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Kramer Service Group.

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

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services

Dates(s) Published	March 11, 2022

Date Reviewed			
Recommendation	Yes	No	Split

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

WHEREAS, on February 21, 2022, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

Digital Enterprise Conduit Deployment Segment 4 Phase 2
Project No. 0510-022-2021

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,

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 **21st** day of **March, 2022.**

_____
Russ Trimble, 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:

Digital Enterprise Conduit Deployment Segment 4 Phase 2
Project No. 0510-022-2021

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 Kramer Service Group, in the amount of $6,602,744.75 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 Digital Enterprise Conduit Deployment Segment 4 Phase 2, is hereby awarded to Kramer Service Group, in the amount of $6,602,744.75 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 **21st** day of **March, 2022.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

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Digital Enterprise Conduit Deployment
Segment 4 Phase 2
West Des Moines, Iowa

Bid Date: March 16, 2022

City Project No.: 0510-022-2021

CONTRACTOR				Engineer's Estimate		Kramer Service Group		Communication Data Link	
	ITEM	UNIT	QTY.	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
Bid Items									
1	TRAFFIC CONTROL	LS	1	$ 30,000.00	$ 30,000.00	$ 25,000.00	$ 25,000.00	$ 35,000.00	$ 35,000.00
2	CONSTRUCTION SURVEY	LS	1	$ 75,000.00	$ 75,000.00	$ 75,000.00	$ 75,000.00	$ 45,000.00	$ 45,000.00
3	AS-BUILTING	LS	1	$ 60,000.00	$ 60,000.00	$ 75,000.00	$ 75,000.00	$ 45,000.00	$ 45,000.00
4	EROSION CONTROL	LS	1	$ 60,000.00	$ 60,000.00	$ 20,000.00	$ 20,000.00	$ 24,000.00	$ 24,000.00
5	RESTORATION	LS	1	$ 120,000.00	$ 120,000.00	$ 100,000.00	$ 100,000.00	$ 45,000.00	$ 45,000.00
6	CONDUIT, FURNISH & INSTALL, 7-WAY MICRODUCT	LF	67,446	$ 10.00	$ 674,460.00	$ 13.00	$ 876,798.00	$ 11.50	$ 775,629.00
7	CONDUIT, FURNISH & INSTALL, 1.25" ORANGE	LF	42,906	$ 5.00	$ 214,530.00	$ 5.00	$ 214,530.00	$ 8.50	$ 364,701.00
8	CONDUIT, FURNISH & INSTALL, 1.5" ORANGE	LF	103,880	$ 6.50	$ 675,220.00	$ 6.25	$ 649,250.00	$ 6.75	$ 701,190.00
9	CONDUIT, FURNISH & INSTALL, 1.5" GREEN	LF	89,823	$ 15.00	$ 1,347,345.00	$ 12.00	$ 1,077,876.00	$ 13.00	$ 1,167,699.00
10	CONDUIT, FURNISH & INSTALL, 1.5" BLUE	LF	115,699	$ 6.50	$ 752,043.50	$ 6.25	$ 723,118.75	$ 6.75	$ 780,968.25
11	CONDUIT, FURNISH & INSTALL, 1" BLUE STRIPE	LF	135,891	$ 3.50	$ 475,618.50	$ 3.00	$ 407,673.00	$ 3.00	$ 407,673.00
12	VAULT, FURNISH & INSTALL, SMALL VAULT	EACH	915	$ 650.00	$ 594,750.00	$ 1,100.00	$ 1,006,500.00	$ 1,200.00	$ 1,098,000.00
13	VAULT, FURNISH & INSTALL, MEDIUM VAULT	EACH	378	$ 900.00	$ 340,200.00	$ 1,250.00	$ 472,500.00	$ 1,300.00	$ 491,400.00
14	VAULT, FURNISH & INSTALL, LARGE RECTANGULAR VAULT	EACH	157	$ 1,750.00	$ 274,750.00	$ 1,550.00	$ 243,350.00	$ 1,625.00	$ 255,125.00
15	VAULT, FURNISH & INSTALL, LARGE VAULT	EACH	124	$ 1,400.00	$ 173,600.00	$ 1,550.00	$ 192,200.00	$ 1,625.00	$ 201,500.00
16	EQUIPMENT, FURNISH & INSTALL, TEST STATION & ANODE	EACH	502	$ 175.00	$ 87,850.00	$ 150.00	$ 75,300.00	$ 125.00	$ 62,750.00
17	CABLE, FURNISH & INSTALL, TRACER WIRE	LF	261,149	$ 1.00	$ 261,149.00	$ 1.00	$ 261,149.00	$ 1.00	$ 261,149.00
18	CONDUIT INSTALL AT HIGH-PRESSURE PETROLEUM PIPELINE	LS	1	$ 36,000.00	$ 36,000.00	$ 7,500.00	$ 7,500.00	$ 15,000.00	$ 15,000.00
19	NO EXCUSE PROJECT TURNOVER BONUS	LS	1	$ 100,000.00	$ 100,000.00	$ 100,000.00	$ 100,000.00	$ 100,000.00	$ 100,000.00
	Total of Bid Items				**$ 6,352,516.00**		**$ 6,602,744.75**		**$ 6,876,784.25**

LICENSED PROFESSIONAL ENGINEER
GREGORY T. SEIB
23179
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.

Gregory T. Seib 3-16-2022
Signature Date

Gregory T. Seib
Printed or Typed Name

23179
License Number

My license renewal date is December 31, 2022

Pages or sheets covered by this seal: Bid Tabulations

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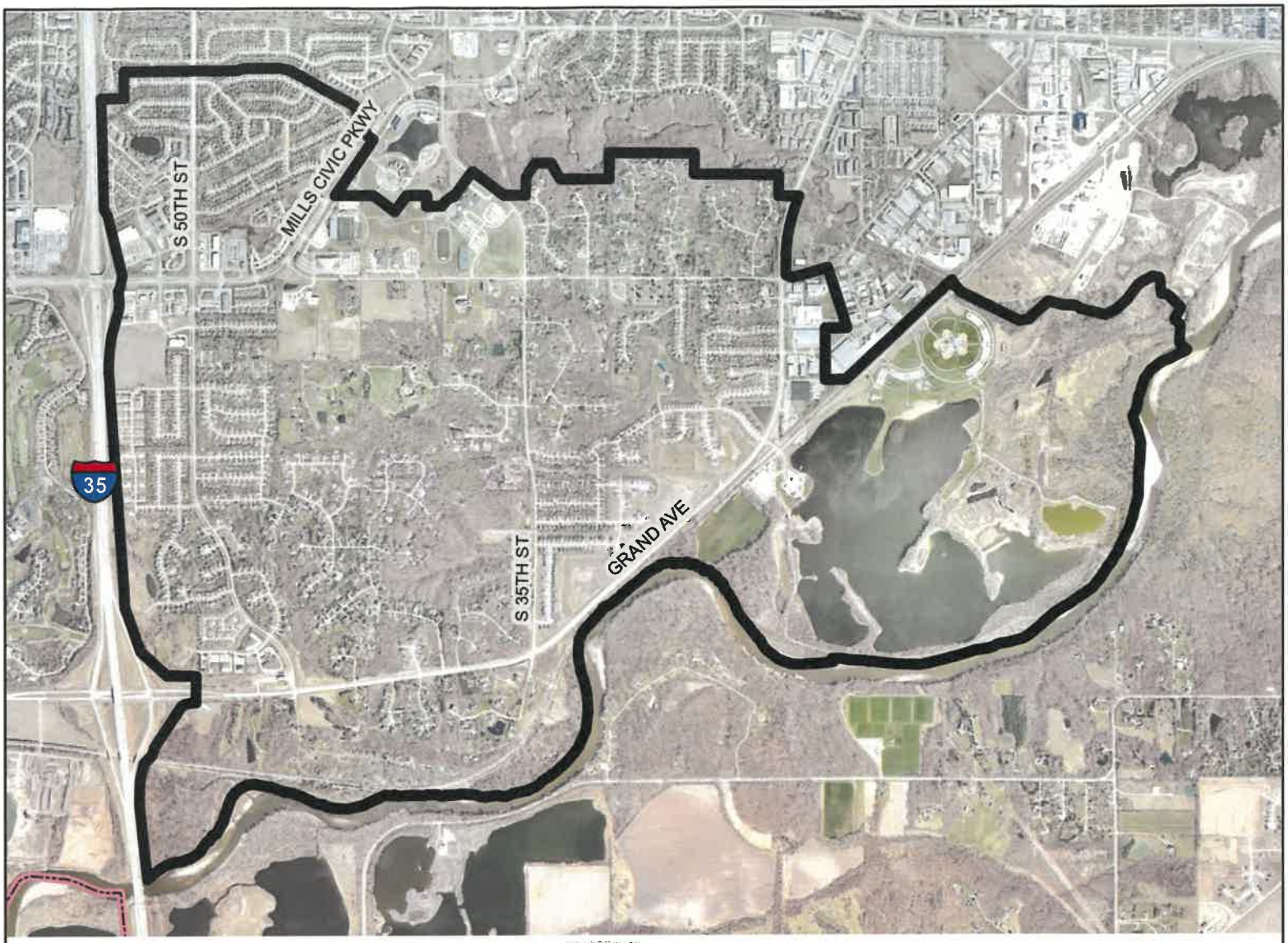

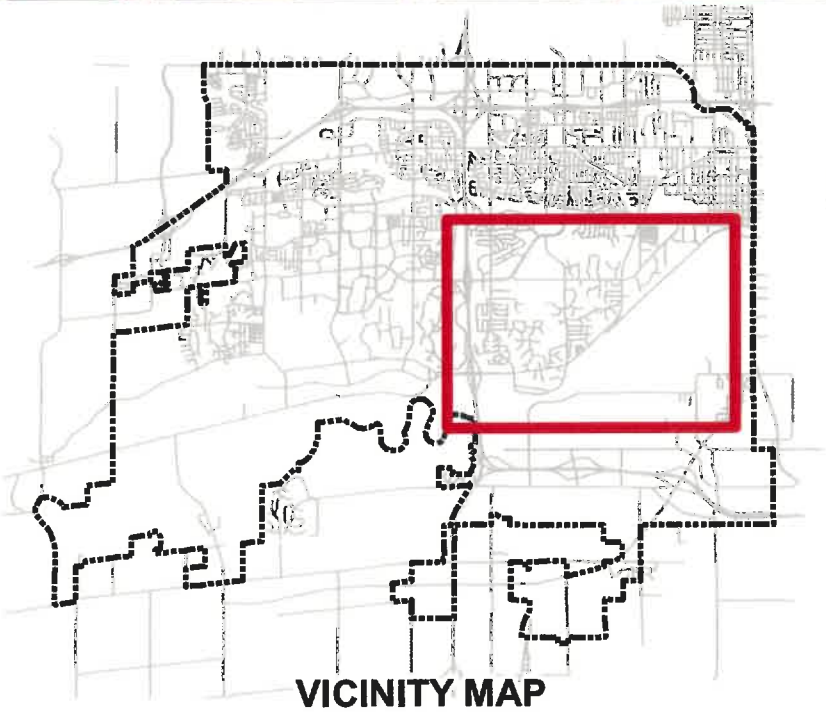

VICINITY MAP

LEGEND

PROJECT LOCATION

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PROJECT:	**West Des Moines Digital Enterprise Conduit Deployment Segment 4 Phase 2**		
LOCATION:	**Exhibit "A"**		
DRAWN BY: BJM	DATE: 1/11/2022	PROJECT NUMBER/NAME: 0510-022-2021	SHT. 1 of 1