CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 21, 2022

ITEM:

Resolution - Ordering Construction
Digital Enterprise Conduit Deployment Segment 4 Phase 4

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the Digital Enterprise Conduit Deployment Segment 4 Phase 4 is $4,876,197.00. Payments will be made from account no. 670.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, April 13, 2022, and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, April 18, 2022. The contract would be awarded on Monday, April 18, 2022, and work will begin shortly thereafter.

The West Des Moines Digital Enterprise Last Mile Conduit Deployment Segment 4 Phase 4 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 S 60th St to the western corporate limits south of Bridgewood Blvd and north of Raccoon River in West Des Moines. The project is anticipated to be completed by September 1, 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 Ordering Construction of the Digital Enterprise Conduit Deployment Segment 4 Phase 4.
- Fixing 2:00 p.m. on Wednesday, April 13, 2022, as the time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

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)

SUBCOMMITTEE REVIEW (if applicable)

Published In	
Dates(s) Published	

Committee			
Date Reviewed			
Recommendation	Yes	No	Split

RESOLUTION ORDERING CONSTRUCTION AND NOTICE OF PUBLIC HEARING ON PLANS, SPECIFICATIONS, FORM OF CONTRACT, ESTIMATE OF COST, AND DIRECTING ADVERTISEMENT FOR BIDS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the following described public improvement:

Digital Enterprise Conduit Deployment Segment 4 Phase 4
Project No. 0510-024-2021

is hereby ordered to be constructed according to the Plans and Specifications prepared by Olsson, Inc. of Des Moines, Iowa and now on file in the office of the City Clerk.

BE IT FURTHER RESOLVED, that the detailed Plans and Specifications, Form of Contract, Bid Security, and Notice to Bidders are hereby approved, subject to hearing thereon, and that the same are now on file in the office of the City Clerk for public inspection.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish notice of hearing on the Plans and Specifications, Form of Contract, Bid Security and Estimate of Costs for said project to be held at 5:35 p.m. on Monday, April 18, 2022, with said notice published not less than four (4) days nor more than twenty (20) days prior to the date heretofore fixed.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish Notice to Bidders for said project with publication not less than thirteen (13) days nor more than forty-five (45) days prior to the date for receiving bids. Said bids are to be filed prior to 2:00 p.m. on Wednesday, April 13, 2022.

BE IT FURTHER RESOLVED, that the bids received for construction of said improvements will be opened, publicly read and tabulated by the City Clerk, Deputy City Clerk, or City Clerk designee at 2:00 p.m. on Wednesday, April 13, 2022, and the results of said bids shall be considered at a meeting of this Council on Monday, April 18, 2022, at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED on this **21st** day of **March, 2022.**

_____
Russ Trimble, Mayor

ATTEST:

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Ryan T. Jacobson, City Clerk

WDM Digital Enterprise Segment Conduit Deployment Segment 4 - Phase 4

Item No.	Item	Unit	Quantity	Engineer's Estimate		Bid Price		Comparison
				Unit Price	Total Extended	Unit Price	Total Extended	
1	TRAFFIC CONTROL	LS	1	$ 30,000.00	$ 30,000.00		$ -	-100%
2	CONSTRUCTION SURVEY	LS	1	$ 60,000.00	$ 60,000.00		$ -	-100%
3	AS-BUILTING	LS	1	$ 60,000.00	$ 60,000.00		$ -	-100%
4	EROSION CONTROL	LS	1	$ 60,000.00	$ 60,000.00		$ -	-100%
5	RESTORATION	LS	1	$ 120,000.00	$ 120,000.00		$ -	-100%
6	CONDUIT, FURNISH & INSTALL, 7-WAY MICRODUCT	LF	76,014	$ 10.00	$ 760,140.00		$ -	-100%
7	CONDUIT, FURNISH & INSTALL, 1.25" ORANGE	LF	28,119	$ 5.00	$ 140,595.00		$ -	-100%
8	CONDUIT, FURNISH & INSTALL, 1.5" ORANGE	LF	88,188	$ 6.50	$ 573,222.00		$ -	-100%
9	CONDUIT, FURNISH & INSTALL, 1.5" GREEN	LF	44,112	$ 15.00	$ 661,680.00		$ -	-100%
10	CONDUIT, FURNISH & INSTALL, 1.5" BLUE	LF	93,080	$ 6.50	$ 605,020.00		$ -	-100%
11	CONDUIT, FURNISH & INSTALL, 1" BLUE STRIPE	LF	163,036	$ 3.50	$ 570,626.00		$ -	-100%
12	VAULT, FURNISH & INSTALL, SMALL VAULT	EACH	428	$ 650.00	$ 278,200.00		$ -	-100%
13	VAULT, FURNISH & INSTALL, MEDIUM VAULT	EACH	205	$ 900.00	$ 184,500.00		$ -	-100%
14	VAULT, FURNISH & INSTALL, LARGE RECTANGULAR VAULT	EACH	107	$ 1,750.00	$ 187,250.00		$ -	-100%
15	VAULT, FURNISH & INSTALL, LARGE VAULT	EACH	162	$ 1,400.00	$ 226,800.00		$ -	-100%
16	VAULT, FURNISH & INSTALL, EXTRA LARGE VAULT	EACH	1	$ 1,500.00	$ 1,500.00		$ -	-100%
17	EQUIPMENT, FURNISH & INSTALL, TEST STATION & ANODE	EACH	362	$ 175.00	$ 63,350.00		$ -	-100%
18	CABLE, FURNISH & INSTALL, TRACER WIRE	LF	208,314	$ 1.00	$ 208,314.00		$ -	-100%
19	NO EXCUSE TURNOVER BONUS (COMPLETED BY 5-1-22)	LS	1	$ 85,000.00	$ 85,000.00	$ 85,000.00	$ 85,000.00	0%
					$ 4,876,197.00		$ -	-100%

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 3-14-2022

Signature Date

Gregory T. Seib

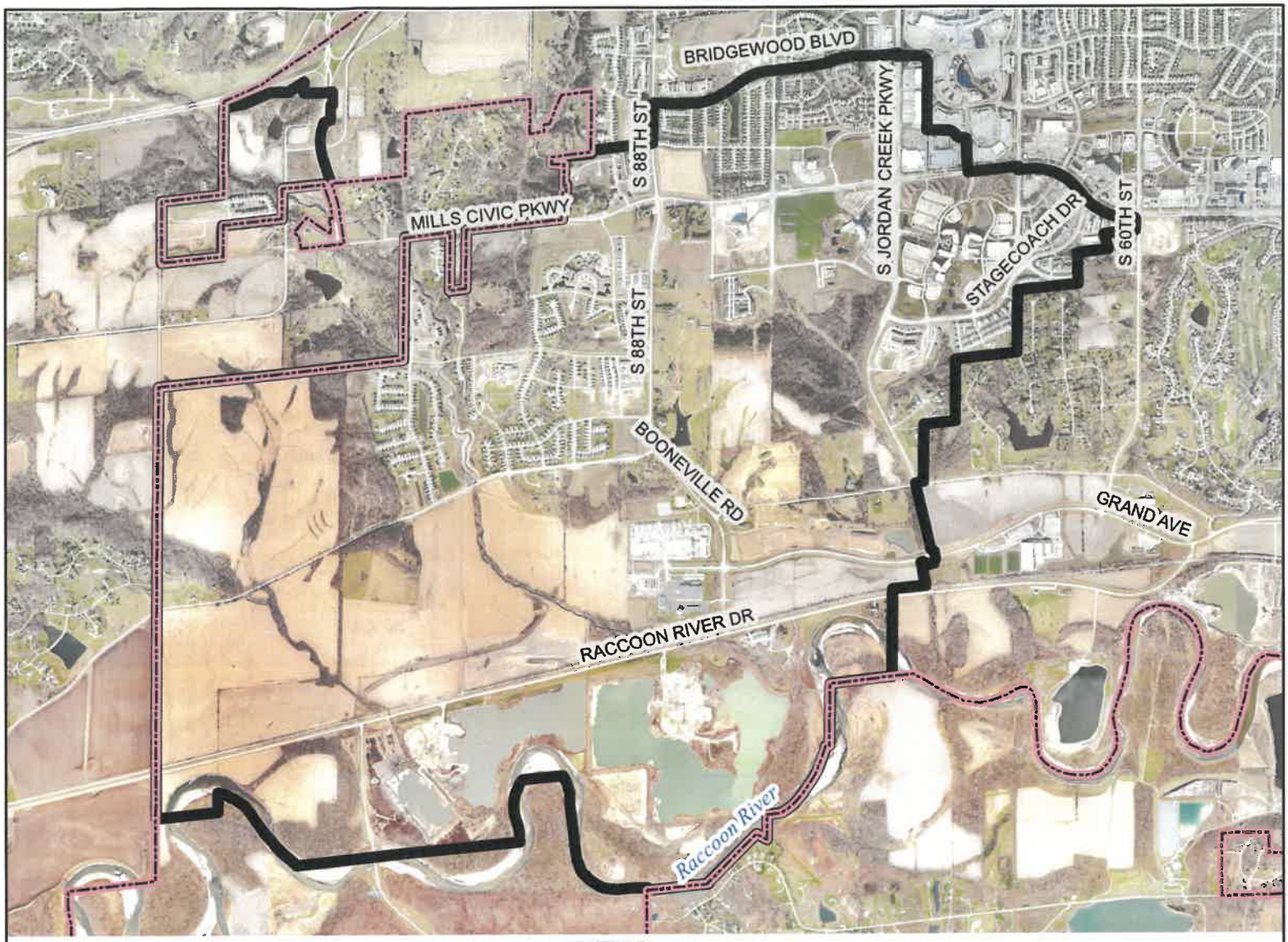
Printed or Typed Name

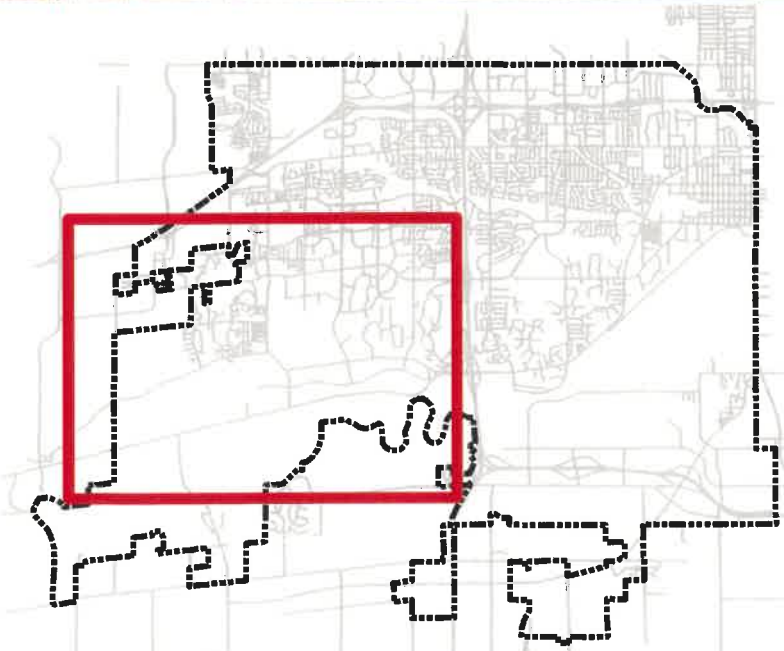
23179

License Number

My license reneval date is December 31, 2022

Pages or sheets covered by this seal: Engineer's Estimate





VICINITY MAP

LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES	PROJECT:	**West Des Moines Digital Enterprise Conduit Deployment Segment 4 Phase 4**	
	LOCATION:	**Exhibit "A"**	
	DRAWN BY: BJM	DATE: 3/15/2022	PROJECT NUMBER/NAME: 0510-024-2021	SHT. 1 of 1