CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: May 3, 2021

ITEM:

Public Hearing (5:35 p.m.)
West Des Moines Digital Enterprise 2021 Multi-Family and Non-Residential Drops Phase 1
0510-019-2021

FINANCIAL IMPACT:

The engineering estimate of construction cost was estimated to be $168,381.25 for the West Des Moines Digital Enterprise 2021 Multi-Family and Non-Residential Drops Phase 1. There were four (4) bids submitted with the low bid of $92,666.18 being submitted by BDC Group, Inc. of Cedar Rapids, Iowa. Payments will be made from account no. 670.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds.

BACKGROUND:

The West Des Moines Digital Enterprise Conduit Deployment Multi-Family & Non-Residential Drops project includes the installation of a multi-user fiber conduit network from public right-of-way onto privately-owned properties as specified within the plans. This project involves supplying and installing conduit, tracer wire, test stations and other ancillary items required for a complete and functional conduit network for future installation of fiber optic cables. This is the first in a series of projects to construct drop conduit on multi-family and non-residential properties. Work on this project is necessary to meet the requirements of the initial tenant license agreement. The project is anticipated to be completed by July 1, 2021.

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 West Des Moines Digital Enterprise 2021 Multi-Family and Non-Residential Drops Phase 1:
- Motion receiving and filing Report of Bids;
- Resolution waiving bid irregularities and awarding the construction contract to BDC Group, 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	April 23, 2021

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed			
Recommendation	Yes	No	Split

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

WHEREAS, on April 5, 2021, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

West Des Moines Digital Enterprise 2021 Multi-Family and Non-Residential Drops Phase 1
Project No. 0510-019-2021

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,

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 3rd day of **May, 2021.**

_____
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:

West Des Moines Digital Enterprise 2021 Multi-Family and Non-Residential Drops Phase 1
Project No. 0510-019-2021

and

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

WHEREAS, irregularities were noted on one of the bids that was received; and

WHEREAS, the irregularities noted were not substantive in nature; and

WHEREAS, the bid of BDC Group, Inc., in the amount of $92,666.18 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 irregularities in the bids that were received.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the West Des Moines Digital Enterprise 2021 Multi-Family and Non-Residential Drops Phase 1, is hereby awarded to BDC Group, Inc., in the amount of $92,666.18 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 bidders.

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 **3rd** day of **May, 2021.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

olsson

Digital Enterprise Conduit Deployment
MXU Drops Phase 1
West Des Moines, Iowa

Bid Date
April 28, 2021

Olsson Project No.
021-02182

CONTRACTOR				Engineer Estimate		BDC Group Inc		Castrejon Incorporated	
	ITEM	UNIT	QTY.	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
Bid Items									
1	Traffic Control	LS	1	$ 5,000.00	$ 5,000.00	$ 3,041.75	$ 3,041.75	$ 5,500.00	$ 5,500.00
2	Survey	LS	1	$ 6,000.00	$ 6,000.00	$ 3,041.75	$ 3,041.75	$ 10,000.00	$ 10,000.00
3	As-Building	LS	1	$ 5,000.00	$ 5,000.00	$ 2,380.50	$ 2,380.50	$ 8,000.00	$ 8,000.00
4	Erosion Control	LS	1	$ 4,000.00	$ 4,000.00	$ 4,364.25	$ 4,364.25	$ 5,500.00	$ 5,500.00
5	CONDUIT, FURNISH & INSTALL, 1.5" BROWN	LF	7,553	$ 15.00	$ 113,295.00	$ 6.93	$ 52,342.29	$ 11.00	$ 83,083.00
6	VAULT, INSTALL ONLY, SMALL ROUND VAULT	LF	6	$ 425.00	$ 2,550.00	$ 473.90	$ 2,843.40	$ 450.00	$ 2,700.00
7	VAULT, INSTALL ONLY, LARGE RECTANGULAR VAULT	LF	2	$ 550.00	$ 1,100.00	$ 925.75	$ 1,851.50	$ 950.00	$ 1,900.00
8	VAULT, INSTALL ONLY, MEDIUM ROUND VAULT	LF	1	$ 500.00	$ 500.00	$ 529.00	$ 529.00	$ 550.00	$ 550.00
9	CABLE, FURNISH & INSTALL, TRACER WIRE	EA	6,941	$ 1.25	$ 8,676.25	$ 0.64	$ 4,442.24	$ 1.00	$ 6,941.00
10	VAULT, FURNISH & INSTALL, SMALL RECTANGULAR VAULT	EA	10	$ 500.00	$ 5,000.00	$ 573.97	$ 5,739.70	$ 1,350.00	$ 13,500.00
11	ENCLOSURE, FURNISH & INSTALL, METAL JUNCTION BOX	EA	3	$ 500.00	$ 1,500.00	$ 287.86	$ 863.58	$ 250.00	$ 750.00
12	ENCLOSURE, FURNISH & INSTALL, POLYCARBONITE JUNCTION BOX	EA	27	$ 350.00	$ 9,450.00	$ 320.29	$ 8,647.83	$ 350.00	$ 9,450.00
13	CONDUIT, FURNISH & INSTALL, 1.5" GALVANIZED RIGID CONDUIT	EA	10	$ 50.00	$ 500.00	$ 52.94	$ 529.40	$ 35.00	$ 350.00
14	CONDUIT, FURNISH & INSTALL, 1.5" PVC	EA	112	$ 20.00	$ 2,240.00	$ 6.05	$ 677.60	$ 20.00	$ 2,240.00
15	CONDUIT, FURNISH & INSTALL, 1.5" EMT CONDUIT	LF	51	$ 70.00	$ 3,570.00	$ 26.89	$ 1,371.39	$ 20.00	$ 1,020.00
	Total of Bid Items				$ 168,381.25		$ 92,666.18		$ 151,484.00

Bid Bond Submitted in the Amount of:	10%		
Bidder Status Form Completed (Yes/No)	Yes	Yes	Yes

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 4-28-2021
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

olsson

Digital Enterprise Conduit Deployment
MXU Drops Phase 1
West Des Moines, Iowa

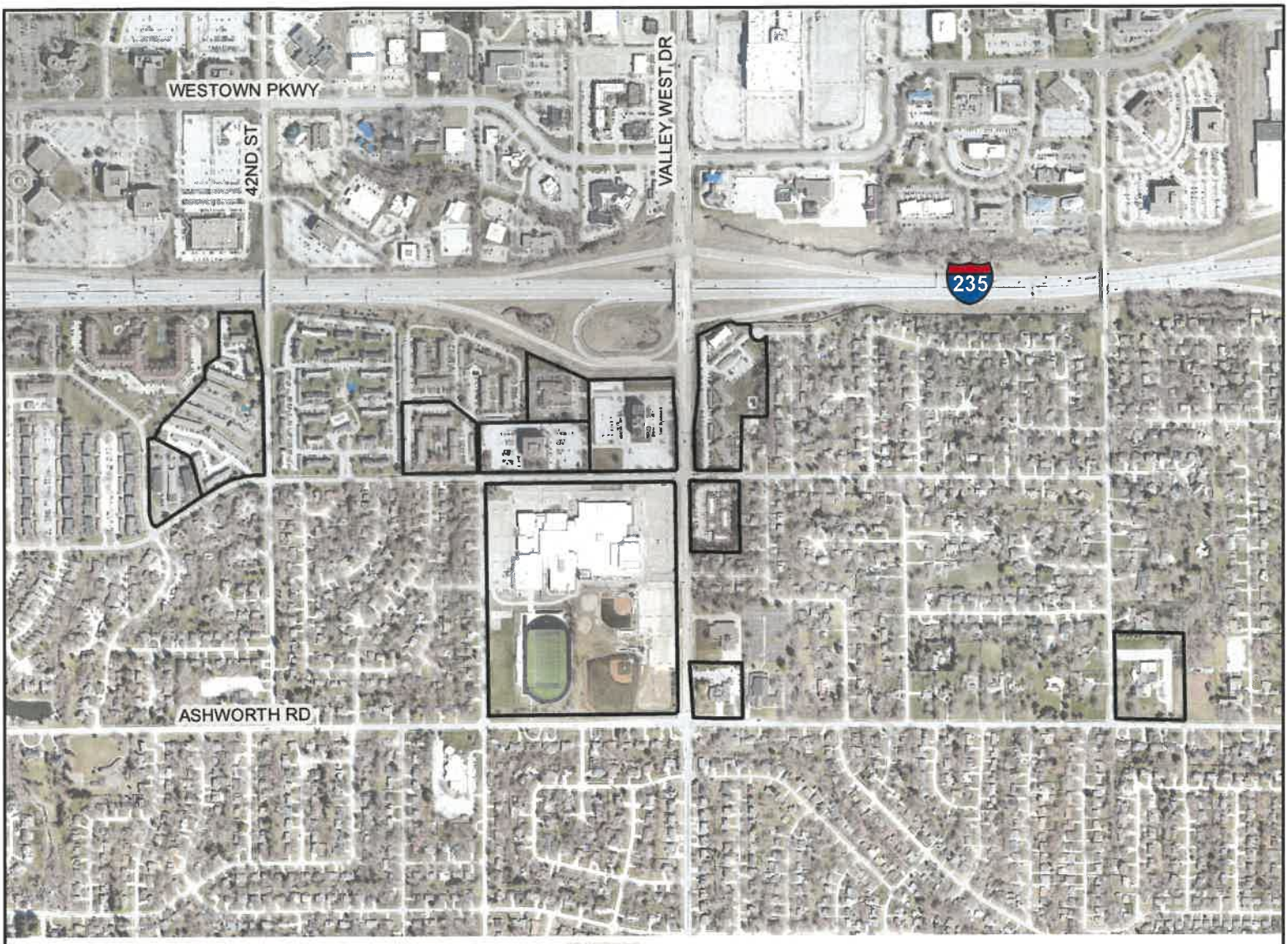
Bid Date
April 28, 2021

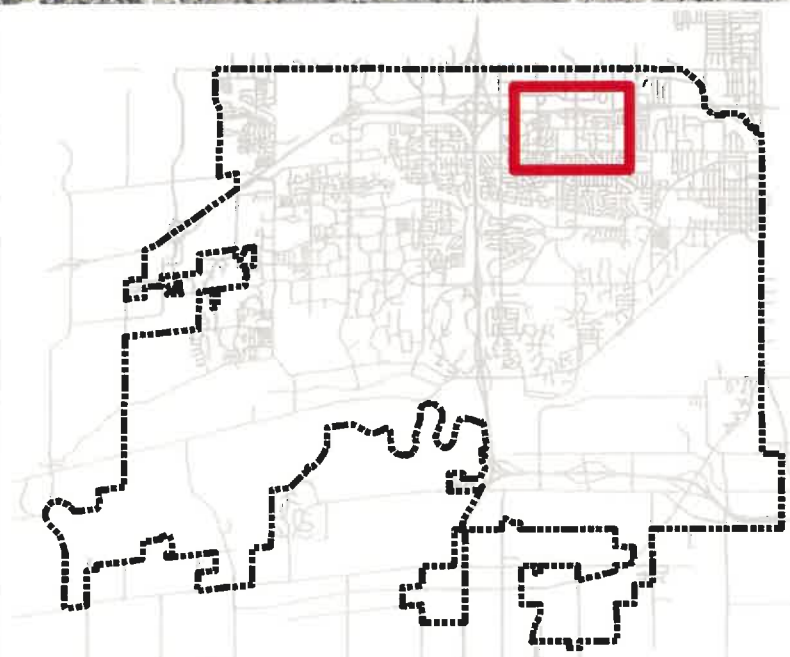
Olsson Project No.
021-02182

	CONTRACTOR			Engineer Estimate		Communication Data Link		MP Nextevel, LLC	
	ITEM	**UNIT**	**QTY.**	**Unit Price**	**Extension**	**Unit Price**	**Extension**	**Unit Price**	**Extension**
Bid Items									
1	Traffic Control	LS	1	$ 5,000.00	$ 5,000.00	$ 4,000.00	$ 4,000.00	$ 15,000.00	$ 15,000.00
2	Survey	LS	1	$ 6,000.00	$ 6,000.00	$ 8,000.00	$ 8,000.00	$ 12,000.00	$ 12,000.00
3	As-Building	LS	1	$ 5,000.00	$ 5,000.00	$ 8,000.00	$ 8,000.00	$ 10,000.00	$ 10,000.00
4	Erosion Control	LS	1	$ 4,000.00	$ 4,000.00	$ 8,000.00	$ 8,000.00	$ 25,000.00	$ 25,000.00
5	CONDUIT, FURNISH & INSTALL, 1.5" BROWN	LF	7,553	$ 15.00	$ 113,295.00	$ 12.00	$ 90,636.00	$ 16.01	$ 120,923.53
6	VAULT, INSTALL ONLY, SMALL ROUND VAULT	LF	6	$ 425.00	$ 2,550.00	$ 425.00	$ 2,550.00	$ 350.60	$ 2,103.60
7	VAULT, INSTALL ONLY, LARGE RECTANGULAR VAULT	LF	2	$ 550.00	$ 1,100.00	$ 600.00	$ 1,200.00	$ 549.00	$ 1,098.00
8	VAULT, INSTALL ONLY, MEDIUM ROUND VAULT	LF	1	$ 500.00	$ 500.00	$ 450.00	$ 450.00	$ 494.19	$ 494.19
9	CABLE, FURNISH & INSTALL, TRACER WIRE	EA	6,941	$ 1.25	$ 8,676.25	$ 1.00	$ 6,941.00	$ 0.59	$ 4,095.19
10	VAULT, FURNISH & INSTALL, SMALL RECTANGULAR VAULT	EA	10	$ 500.00	$ 5,000.00	$ 1,200.00	$ 12,000.00	$ 439.20	$ 4,392.00
11	ENCLOSURE, FURNISH & INSTALL, METAL JUNCTION BOX	EA	3	$ 500.00	$ 1,500.00	$ 350.00	$ 1,050.00	$ 452.03	$ 1,356.10
12	ENCLOSURE, FURNISH & INSTALL, POLYCARBONITE JUNCTION BOX	EA	27	$ 350.00	$ 9,450.00	$ 250.00	$ 6,750.00	$ 390.51	$10,543.86
13	CONDUIT, FURNISH & INSTALL, 1.5" GALVANIZED RIGID CONDUIT	EA	10	$ 50.00	$ 500.00	$ 16.50	$ 165.00	$ 77.31	$ 773.10
14	CONDUIT, FURNISH & INSTALL, 1.5" PVC	EA	112	$ 20.00	$ 2,240.00	$ 10.50	$ 1,176.00	$ 51.15	$ 5,728.80
15	CONDUIT, FURNISH & INSTALL, 1.5" EMT CONDUIT	LF	51	$ 70.00	$ 3,570.00	$ 15.50	$ 790.50	$ 47.12	$ 2,403.01
	Total of Bid Items				**$ 168,381.25**		**$ 151,708.50**		**$ 215,911.38**

*Calculation error by MP	$1,356.09
*Calculation error by MP	$ 10,543.77
*Calculation error by MP	$ 2,403.12

Bid Bond Submitted in the Amount of:	10%		
Bidder Status Form Completed (Yes/No)	Yes	Yes	Yes





VICINITY MAP

LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES

PROJECT: **West Des Moines Digital Enterprise Conduit Deployment Multi-Family and Non-Residential Drops - Phase 1**

LOCATION: **Exhibit "A"**

DRAWN BY: BJM	DATE: 3/29/2021	PROJECT NUMBER/NAME: 0510-019-2021	SHT. 1 of 1