CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

6(c)

DATE: September 7, 2021

ITEM:

Public Hearing (5:35 p.m.)
Digital Enterprise Single Family Drop Conduit Installation Network Section 2&3
0510-069-2021

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost was estimated to be $2,024,900.00 for the Digital Enterprise Single Family Drop Conduit Installation Network Section 2&3. There were two (2) bids submitted with the low bid of $2,899,652.00 being submitted by TD&I Cable Maintenance, Inc. of Lakeland, Minnesota. Payments were scheduled to be made from account no. 670.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds.

BACKGROUND:

The project was to include installation of the drop portion of the multi-user fiber conduit network from a stubbed connection at the public right-of-way to a demarcation point located on the single-family building to support the connection of every residence who have authorized drop conduit installation through an agreement with the City. The project involved furnishing and installation of drop conduit, tracer wire, and other ancillary items required for a complete and functional drop conduit network for the future installation of fiber optic cables. The project was anticipated to be completed by August 31, 2022.

Staff recommends the City Council reject all bids due to the higher-than-anticipated costs. Staff plan to investigate the option of rebidding this work at a later date with a revised scope of work.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for Digital Enterprise Single Family Drop Conduit Installation Network Section 2&3;
- Motion receiving and filing Report of Bids;
- Resolution rejecting all bids.

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	August 20, 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 August 2, 2021, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

Digital Enterprise Single Family Drop Conduit Installation Network Section 2&3
Project No. 0510-069-2021

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 on this **7th** day of **September, 2021.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION REJECTING ALL BIDS

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 Single Family Drop Conduit Installation Network Section 2&3
Project No. 0510-069-2020

and

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

WHEREAS, the low bid of TD&I Cable Maintenance, Inc. in the amount of $2,899,652.00 was the lowest bid received for said public improvement; and

WHEREAS, all the bids received exceeded the estimated project cost; and

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that all bids for the Digital Enterprise Single Family Drop Conduit Installation Network Section 2&3 project are hereby rejected.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to all bidders.

PASSED AND ADOPTED on this **7th** day of **September, 2021.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

DIGITAL ENTERPRISE SINGLE FAMILY DROP CONDUIT INSTALLATION NETWORK SECTION 2&3
PROJECT: 0510-069-2021
BID TABULATION 8-25-2021

				Engineer's Estimate		Communication Data Link, Grimes, IA			TD&I Cable, Lakeland, MN		
Item No.	Item	Unit	Quantity in Bid Request	Unit Price	Total Extended	Unit Price	Vendor Extended Price	Total Extended (by unit price)	Unit Price	Vendor Extended	Total Extended (by unit price)
1	INSTALLATION COORDINATION, ADMINISTRATION AND ACCEPTANCE TESTING	EA	3,600	$ 125.00	$ 450,000.00	$ 150.00	$ 540,000.00	$ 540,000.00	$ 355.00	$ 1,278,000.00	$ 1,278,000.00
2	PLOWED INSTALLATION OF CONDUIT, FURNSH & INSTALL, 1" SLATE & TRACER WIRE	LF	275,000	$ 3.90	$ 1,072,500.00	$ 7.50	$ 2,062,500.00	$ 2,062,500.00	$ 4.12	$ 1,133,000.00	$ 1,133,000.00
3	BORED INSTALLATION OF CONDUIT, FURNISH & INSTALL, 1" SLATE & TRACER WIRE	LF	48,600	$ 9.00	$ 437,400.00	$ 12.00	$ 583,200.00	$ 583,200.00	$ 8.82	$ 428,652.00	$ 428,652.00
4	HARD SURFACE REMOVAL AND REPLACEMENT	LF	150	$ 325.00	$ 48,750.00	$ 150.00	$ 22,500.00	$ 22,500.00	$ 150.00	$ 22,500.00	$ 22,500.00
5	VAULT SITE EXCAVATION AND RESTORATION	SY	50	$ 250.00	$ 12,500.00	$ 400.00	$ 16,000.00	$ 20,000.00	$ 500.00	$ 25,000.00	$ 25,000.00
6	REMOBILIZATION	EA	50	$ 75.00	$ 3,750.00	$ 350.00	$ 17,500.00	$ 17,500.00	$ 250.00	$ 12,500.00	$ 12,500.00
					$ -						
				ENGINEER'S ESTIMATE: SF Drop Conduit	**$ 2,024,900.00**		$ 3,241,700.00	$ 3,245,700.00		$ 2,899,652.00	$ 2,899,652.00
				VARIANCE FROM ENGINEER'S ESTIMATE:			60%			43%	
					Footnotes:		(1)				

Footnotes
(1) Error in calculation for vault site excavation / restoration

LICENSED PROFESSIONAL ENGINEER
BETHANY J. KEPHART
17120
IOWA

I hereby certify that this engineering document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa

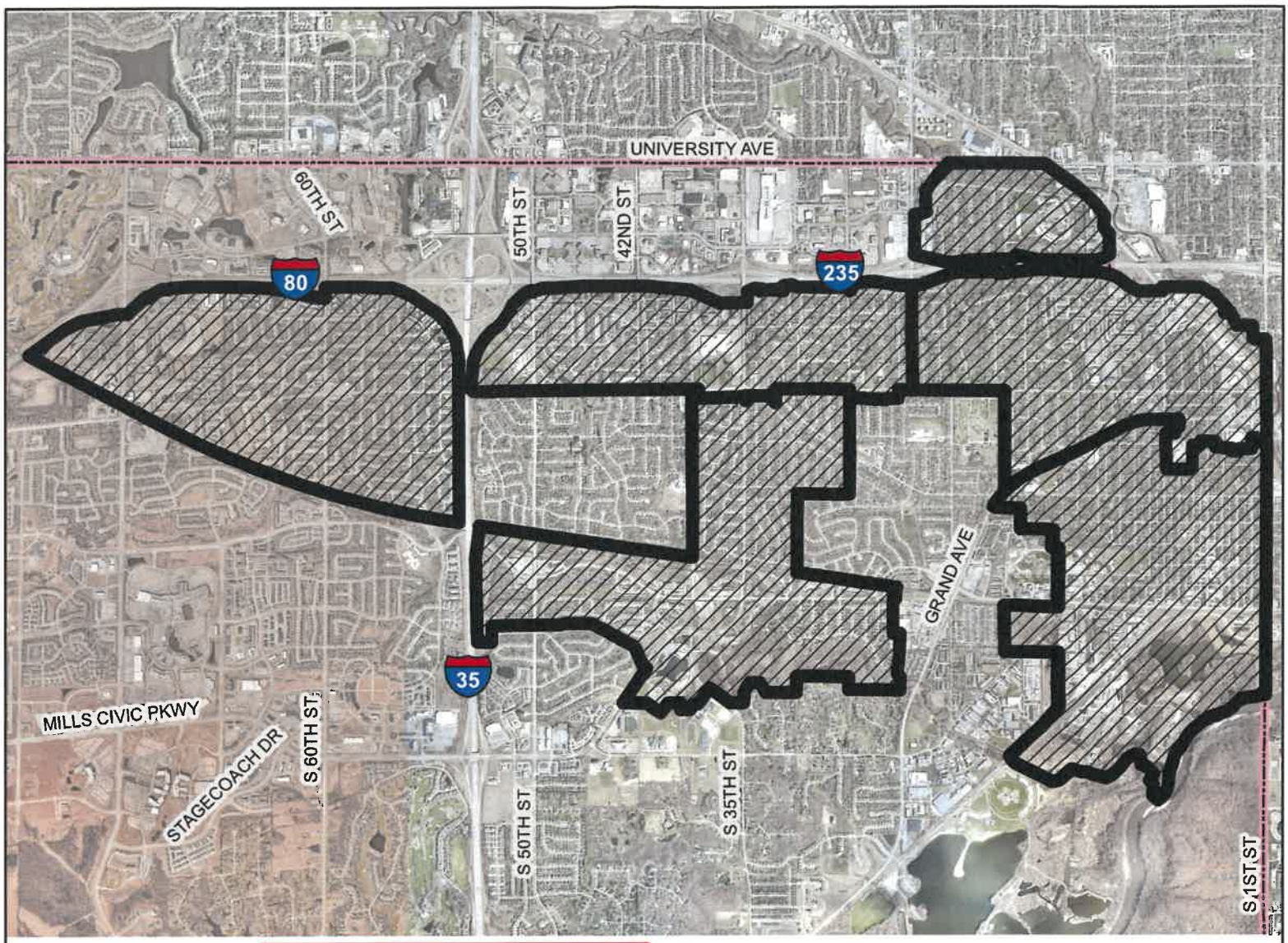
Bethany Kephart (Signature) 8/25/2021 (Date)

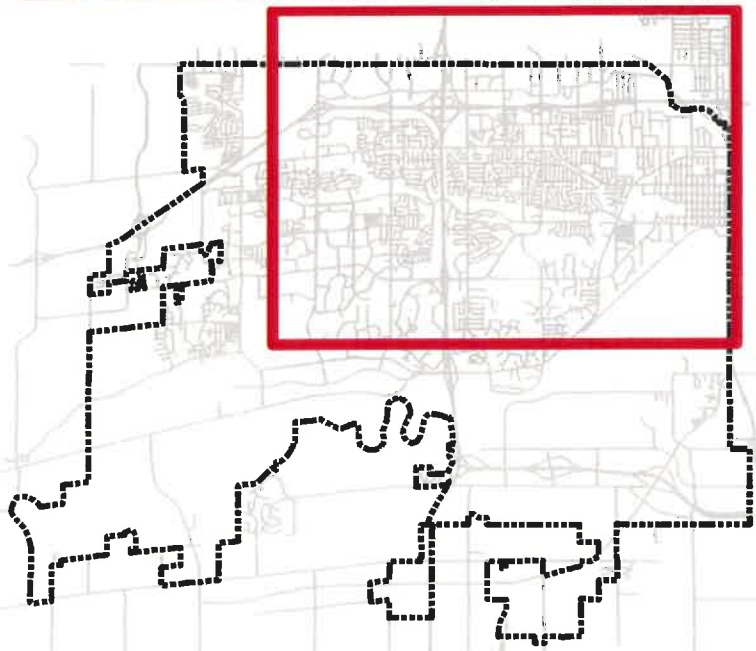
Printed or typed name Bethany Kephart

License number 17120

My license renewal date is December 31, 2021

Pages or sheets covered by this seal: Bid Tabulation Form





VICINITY MAP

LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES

PROJECT: **Digital Enterprise Single Family Drop Conduit Installation Network Section 2 & 3**

LOCATION: **Exhibit "A"**

DRAWN BY: BJM	DATE: 7/27/2021	PROJECT NUMBER/NAME: 0510-069-2021	SHT. 1 of 1