CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: May 3, 2021

ITEM:

Motion – Approving Change Order #1
Digital Enterprise Network Segment 2 Arterial Conduit Deployment
0510-058-2020

FINANCIAL IMPACT:

Contract Summary:

Description	Amount	Date Approved	Remarks
Construction Contract	$711,111.11	January 19, 2021	
Change Order 1	$133,260.00	Pending	
Total	**$844,371.11**		

Cost for this change order items will be paid 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 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. The project involves installation of City provided vaults and conduit. This project also involves supplying and installing tracer wire, test stations and other ancillary items required for a complete and functional conduit network for the future installation of fiber optic cables. The project is anticipated to be completed by September 1, 2021.

Change order #1 adds three new contract items to address issues that arose during construction:

1. Subsequent Digital Enterprise projects have included enhanced restoration requirements. In order to provide a better finished product and remain consistent with the other Digital Enterprise projects, 2 inches of compost, Rescue Plus seed mix, and hydromulch will be used in lieu of standard seeding and mulching.

2. The original contract includes vaults provided by the City. Due to raw material shortages, worldwide shipping delays, and other factors outside the City supplier's control vault delivery was delayed. The Contractor installed conduit without vaults available, and now must return a second time to install vaults resulting in remobilization costs.

3. In order to minimize disturbance and eliminate a second boring operation a segment of 1.5" green conduit will be added to this contract from the Segment 2 Phase 1 Last Mile project. The conduit material was supplied by the last mile contractor that will be deleted from that contract. Overall, the net change between both contracts will be a deduction.

The completion date will not change as a result of this additional work.

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:

- Motion Approving Change Order #1 for Digital Enterprise Network Segment 2 Arterial Conduit Deployment.

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	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed			
Recommendation	Yes	No	Split

CITY OF WEST DES MOINES

Engineering Services
4200 Mills Civic Parkway, Suite 2D
Wes Des Moines, IA 50265-0320
(515) 222-3475 Fax (515) 273-0603

CHANGE ORDER

Distribution:

Owner	X
Engineer	X
Contractor	X
Other	

Contractor: TD&I Cable Maintenance
PO Box 266
Lakeland, Minnesota 55043

Project Title	Digital Enterprise Segment 2 Arterial Conduit Deployment	
WDM Project File Number	0510-058-2020	
Purchase Order Number	2021-00000465	
Orig. Contract Amount & Date	$711,111.11	January 19, 2021
Change Order Number	1	
Date	April 26, 2021	

THE CONTRACT IS CHANGED AS FOLLOWS:
CO1.1 - Subsequent Digital Enterprise projects have included enhanced restoration requirements. In order to provide a better finished product and remain consistent with the other Digital Enterprise projects 2 inches of compost, Rescue Plus seed mix, and hydromulch will be used in lieu of standard seeding and mulching.

CO1.2 - The original contract inlcuded vaults to be provided by the City. Due to raw material shortages, worldwide shipping delays, and other factors outside the City supplier's control vault delivery was delayed. The Contractor installed conduit, but must remobilize to install vaults.

CO1.3 - In order to minimize disturbance and eliminate a second boring operation a segment of 1.5" green conduit will be added to this contract from the Segment 2 Phase 1 Last Mile project. The conduit material was supplied by the last mile contractor. This quantity will be deleted from that contract. The overall change between both contracts will be a net deduction.

Item	Description	Unit	Unit Price	Quantity Adjustment	Value Adjustment
CO1.1	Compost, Seeding, & Hydromulch	LS	$ 98,600.00	1	$ 98,600.00
CO1.2	Remobilization for Vault Installation	EA	$ 330.00	52	$ 17,160.00
CO1.3	Conduit, Install Only, 1.5" Green	LF	$ 6.25	2800	$ 17,500.00
				TOTAL	$ 133,260.00

CHANGE ORDER SUMMARY

The Original Contract Sum was	$711,111.11
Net Change by previously authorized Change Orders	$0.00
The Contract Sum prior to This Change Order was	$711,111.11
The Contract Sum will be revised by this Change Order in the amount of	$133,260.00
The new Contract Sum including this Change Order will be	**$844,371.11**
Aggregate Change Order as a percent of Original Contract (if greater than 10% of the original contract, Council Subcommittee recommendation and all signatures through the full Council are required)	18.74%
The Contract Time will be **changed** by	0 Days
The date of Final Completion as of the date of this Change Order therefore is	July 1, 2021

NOT VALID UNTIL SIGNED BY THE CONTRACTOR, OWNER'S REPRESENTATIVE (if applicable) AND OWNER

Contractor:	Recommended By:	Checked By: KS BJM
TD&I Cable Maintenance	HDR Engineering, Inc.	City of West Des Moines
Signature: Spencer Pannhoff	Signature: Tony Taylor (Apr 27, 2021 12:48 CDT)	Signature:
Name: Spencer Pannhoff	Name: Tony Taylor	Name: Brian Hemesath
Title: Director of Business Developme	Title: Project Manager	Title: City Engineer
Date: Apr 27, 2021	Date: Apr 27, 2021	Date: Apr 27, 2021

Owner: **City of West Des Moines**

☐ ≤ $24,999.99 City Engineer (≤ 10% original contract) x_____ Date _____

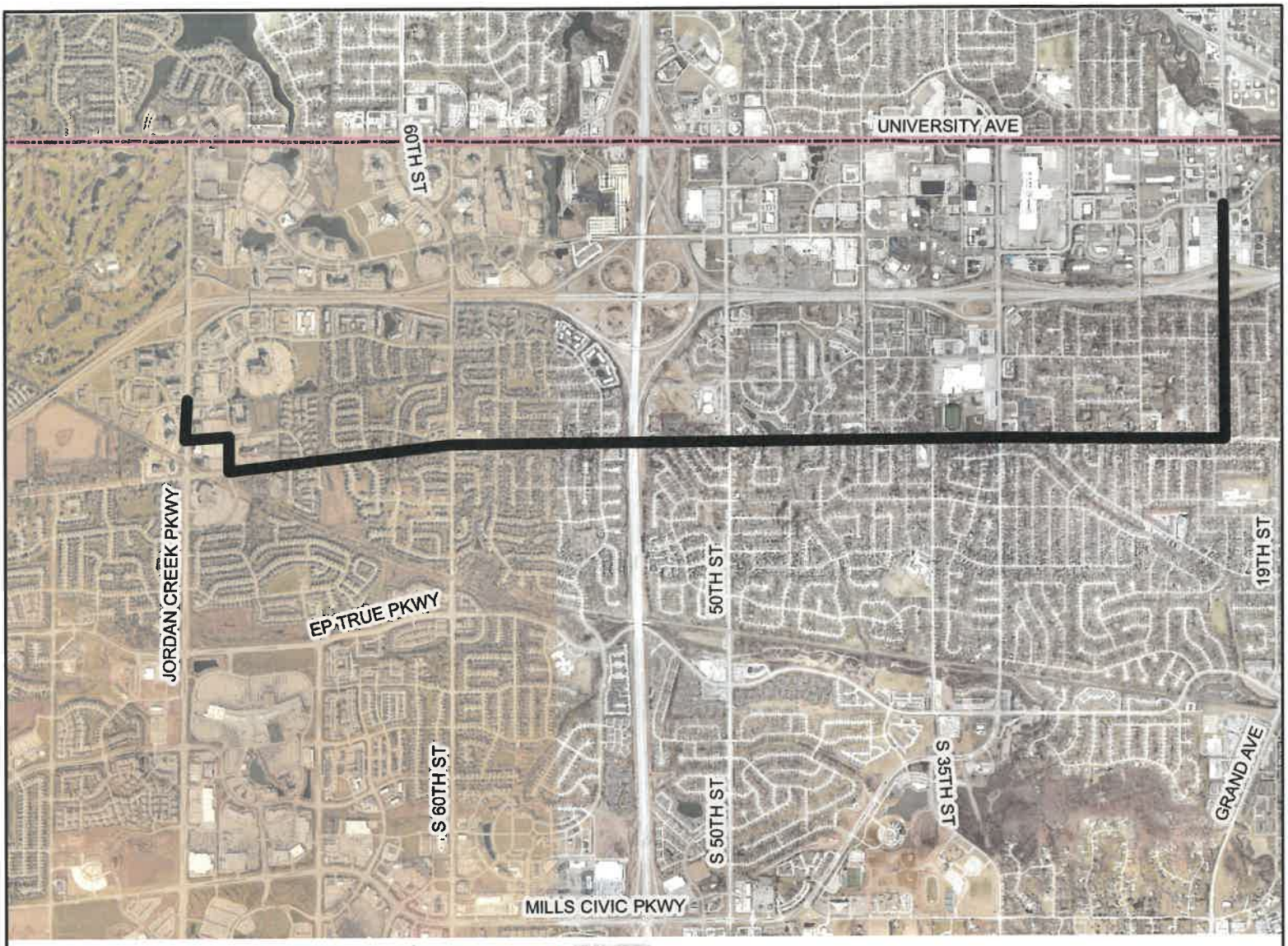
☐ ≥ $25,000 to $50,000 City Council approved or ratified at Council Date_____

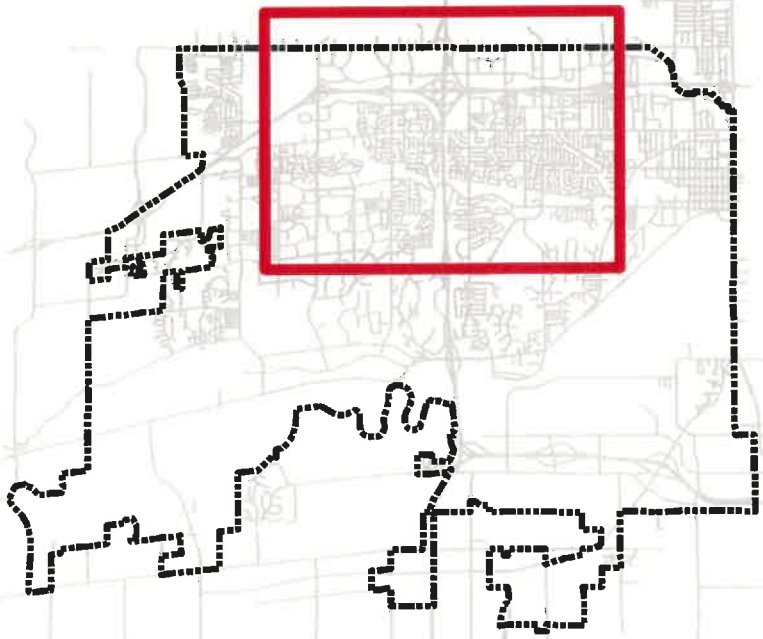
Signature: Kelly Sand
Sand, Kelly (Apr 27, 2021 08:56 CDT)

Email: kelly.sand@wdm.iowa.gov

Signature: Ben McAlister
Ben McAlister (Apr 27, 2021 08:57 CDT)

Email: ben.mcalister@wdm.iowa.gov





VICINITY MAP

LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT: **West Des Moines Digital Enterprise Segment 2 Arterial Conduit Deployment**

LOCATION: **Exhibit "A"**

DRAWN BY: BJM	DATE: 12/16/2020	PROJECT NUMBER/NAME: 0510-058-2020	SHT. 1 of 1