CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: January 3, 2022

ITEM:

Motion – Approving Change Order #1
West Des Moines Digital Enterprise Conduit Deployment Segment 4 Phase 1
0510-060-2020

FINANCIAL IMPACT:

Contract Summary:

Description	Amount	Date Approved	Remarks
Construction Contract	$2,316,464.15	June 7, 2021	
Change Order #1	$250,035.00	Pending	Segment 3-1 Trunk
Total	**$2,566,499.15**		

Cost for this change order will be paid from account no. 670.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds. The costs associated with this change order were previously encumbered and funded when Digital Enterprise Conduit Deployment Segment 3-1 was approved by Council. They are being reallocated to this contract so no additional budgetary funds are needed.

BACKGROUND:

The West Des Moines Digital Enterprise Conduit Deployment Segment 4 Phase 1 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.

On December 1, 2021 the City terminated the construction contract for the Digital Enterprise Conduit Deployment Segment 3 Phase 1. One of the remaining work items in this contract is completion of the trunk conduit along Valley West Dr and E.P. True Pkwy from Ashworth Rd to Interstate 35. This trunk conduit is necessary for the Segment 3 Phase 2 area to be functional. The scheduled completion of Segment 3 Phase 2 is March 31, 2022. To meet this obligation to providers, completion of the trunk conduit must be expedited. Proposals were requested from the contractors working adjacent to the Segment 3 Phase 1 work area. Based on cost, current workload, and upcoming completion dates Staff recommends adding this work to the Segment 4 Phase 1 project under construction by Kramer Services Group.

Change Order #1 adds work items necessary to complete the Segment 3 Phase 1 trunk conduit including boring, vault installation, tracer system installation, remediation of installed vaults, conduit proofing, GPS data collection, and restoration. In the event a deficiency is identified during conduit proofing this change order includes 100 hours of labor to make necessary repairs. The cost of this change order will be offset by the unused encumbered funds and retainage withheld from the Segment 3 Phase 1 project.

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 West Des Moines Digital Enterprise Conduit Deployment Segment 4 Phase 1.

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: **Kramer Service Group**
W15836 Hwy. 8
Weyerhaeuser, Wisconsin 54895
https://kramerservicegroup.com/

Office Number 715-642-0180

Project Title	DIGITAL ENTERPRISE CONDUIT DEPLOYMENT SEGMENT 4, PHASE 1	
WDM Project File Number	0510-060-2020	
Purchase Order Number	2021-00000857	
Orig. Contract Amount & Date	$2,316,464.15	June 7, 2021
Change Order Number	1	
Date	December 23, 2021	

THE CONTRACT IS CHANGED AS REQUIRED TO COMPLETE SEGMENT 3-1 TRUNK SECTION SERVING SEGMENT 3-2 AND ARE SUMMARIZED AS FOLLOWS:
C001.1 through C001.6: Installation of vaults of various sizes and remediation of 25 vaults previously installed by others
C001.7 through C001.9: Installation of new conduit, tracer and test stations.
C001.10 through C001.14: Proofing/ acceptance testing of conduit, tracer system and repairs of unknown issues found during testing
Note: All work is within the boundaries of Segment 3-1 and the completion date for all work is March 1, 2022.

Item	Description	Unit	Unit Price	Quantity Adjustment	Value Adjustment
C001.1	Install Large Vault (IAV)	EACH	$ 3,000.00	12	$ 36,000.00
C001.2	Install Large Vault (LAV)	EACH	$ 3,000.00	7	$ 21,000.00
C001.3	Install Medium Vault (DCV)	EACH	$ 500.00	2	$ 1,000.00
C001.4	Install Small Vault (DCV)	EACH	$ 600.00	3	$ 1,800.00
C001.5	Install Extra Large Vault (Butt Splice Enclosure Location)	EACH	$ 3,500.00	1	$ 3,500.00
C001.6	Remediation of Vaults Previously Installed by Others (Identified in Remediation List)	EACH	$ 1,750.00	25	$ 43,750.00
C001.7	Conduit Installation (7way and 2 - 1") with rail and culvert crossing and removal of 300' of conduit previously installed by others	FT	$ 50.00	675	$ 33,750.00
C001.8	Tracer Wire Installation	FT	$ 1.00	675	$ 675.00
C001.9	Test Station Installation	FT	$ 18.00	400	$ 7,200.00
C001.10	Proof/Acceptance Testing of Conduit System Previously Installed by Others	FT	$ 0.51	49,315	$ 25,000.00
C001.11	Proof/Acceptance Testing of Tracer System Previously Installed by Others	FT	$ 0.86	13,950	$ 12,000.00
C001.12	GPS - Conduit Paths/Depths and Vaults	FT	$ 1.00	13,950	$ 14,000.00
C001.13	Repairs to Infrastructure Previously Installed by Others	HR	$ 350.00	100	$ 35,000.00
C001.14	Concrete Panel Replacement	SQ FT	$ 120.00	128	$ 15,360.00
					$ -
			TOTAL		$250,035.00

CHANGE ORDER SUMMARY

The Original Contract Sum was	$2,316,464.15
Net Change by previously authorized Change Orders	$0.00
The Contract Sum prior to This Change Order was	$2,316,464.15
The Contract Sum will be revised by this Change Order in the amount of	$250,035.00
The new Contract Sum including this Change Order will be	**$2,566,499.15**
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)	10.79%
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 31, 2022

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

Contractor:	**Recommended By:**	**Checked By:** KS BTM
Kramer Service Group	OLSSON	**City of West Des Moines**
Signature: Brent LaBrie (Dec 27, 2021 09:53 CST)	Signature: Ryan Meints (Dec 27, 2021 08:58 CST)	Signature:
Name: Brent LaBrie	Name: Ryan Meints	Name: Brian Hemesath
Title: President	Title: Project Manager	Title: City Engineer
Date: Dec 27, 2021	Date: Dec 27, 2021	Date: Dec 27, 2021

Owner: **City of West Des Moines**

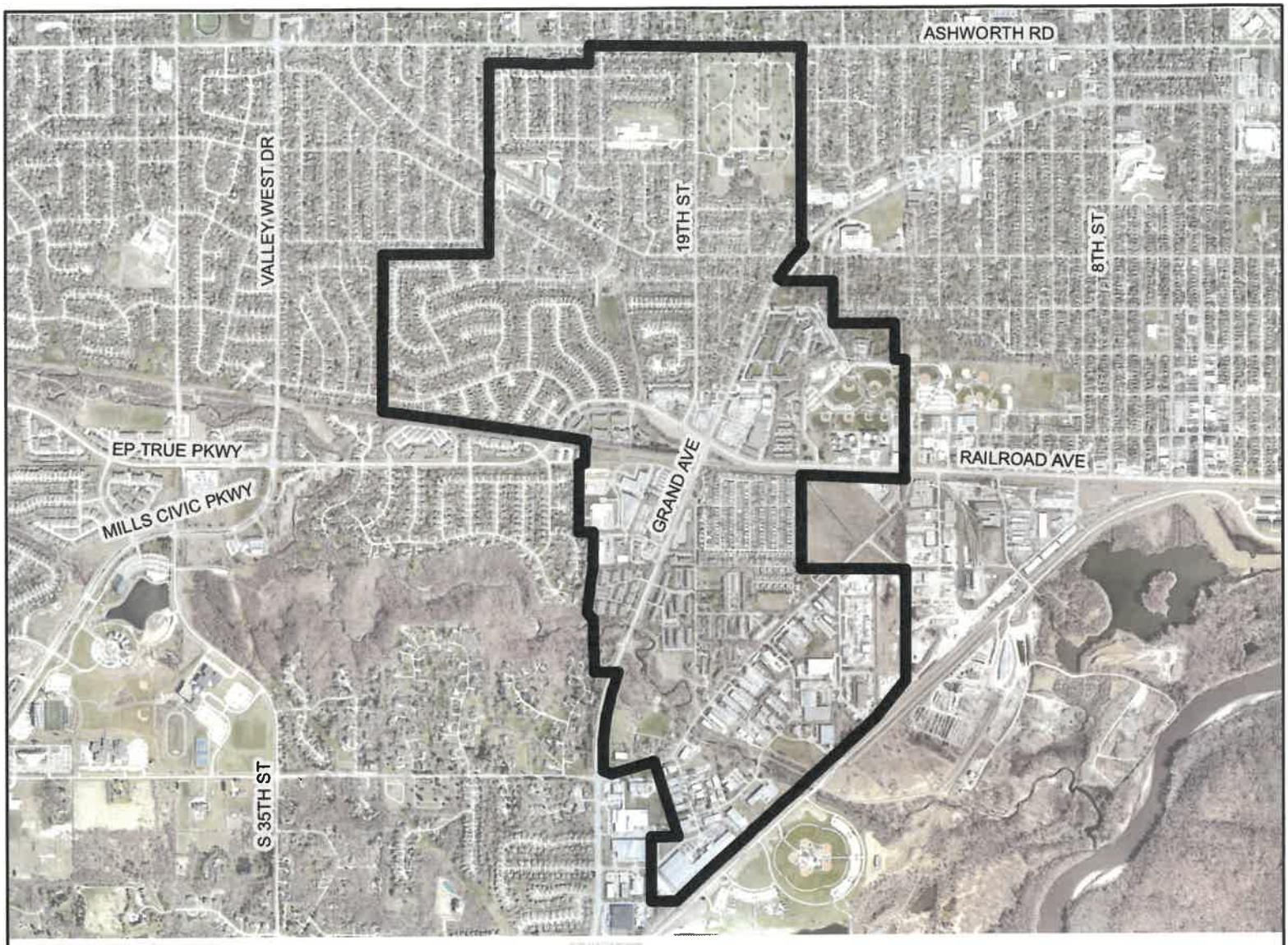
☐ ≤	$24,999.99 City Engineer (≤ 10% original contract)	x_____	Date _____
☐ ≥	$25,000 to $50,000 City Council approved or ratified at Council		Date_____

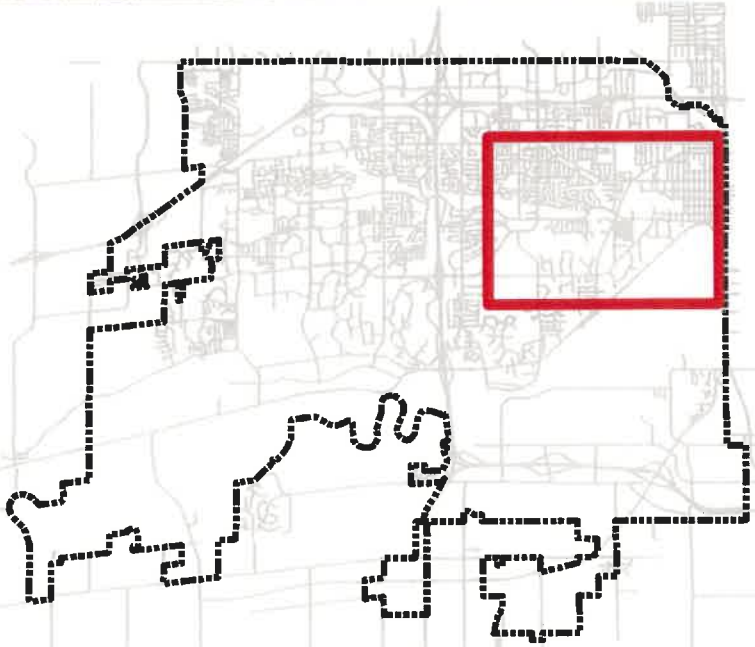
Signature: Kelly Sand
Sand, Kelly (Dec 27, 2021 10:56 CST)

Email: kelly.sand@wdm.iowa.gov

Signature:

Email: ben.mcalister@wdm.iowa.gov





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 1**	
	LOCATION:	**Exhibit "A"**	
	DRAWN BY: BJM	DATE: 5/11/2021	PROJECT NUMBER/NAME: 0510-060-2020	SHT. 1 of 1