CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 16, 2020

ITEM:

Motion – Approving Change Order #4
MidAmerican Energy RecPlex – Grading & Site Utilities

FINANCIAL IMPACT:

Contract Summary:

Description	Amount	Date Approved	Remarks
Construction Contract	$4,496,180.00	June 17, 2019	
Change Order #1	($12,781.96)	September 16, 2019	Plan Change #1 VE Items
Change Order #2	$141,750.00	October 21, 2019	Subgrade Stabilization
Change Order #3	$294,109.25	November 4, 2019	Access & building pad
Change Order #4	$71,891.25	Pending	Earthwork revisions
Total	**$4,991,148.54**		

Cost for these change order items will be paid from account no. 500.000.000.5250.490 with the ultimate funding intended to come from a combination of funds already declared as excess in the Sewer Fund ($1.5 million) and General Obligation bonds backed by Hotel-Motel tax revenue.

BACKGROUND:

The project consists of soil import, grading, storm sewer, sanitary sewer, and watermain to accommodate the construction of the MidAmerican Energy RecPlex. This phase of the project was anticipated to be completed by October 31, 2019, but is being extended to June 1, 2020 as part of Change Order #4. Foundations for the pre-engineered metal building are currently in progress. Erection of the pre-engineered metal building is currently in progress. General construction of the building is currently being bid and is scheduled to be complete by November 13, 2020. Additional site improvements (access drives, parking lots, shared use path, sidewalk, landscaping, site lighting, etc.) is also currently being bid and is scheduled to be complete by November 1, 2020 with final restoration by May 1, 2021.

Change Order #4 includes a deduct for over-excavation of the building foundations as well as additional costs associated with soil import and onsite excavation. City Staff recommend approval of Change Order #4.

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 #4 for MidAmerican Energy RecPlex – Grading & Site Utilities.

Lead Staff Member: Brian J. Hemesath, P.E., City Engineer BJH

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			
Date Reviewed			
Recommendation	Yes	No	Split

CITY OF WEST DES MOINES

Department of Engineering Services
4200 Mills Civic Parkway, Ste 2E
Wes Des Moines, IA 50265-0320
(515) 222-3475 Fax (515) 273-0603

CHANGE ORDER

Distribution:
Owner X
Engineer X
Contractor X
Owner's Rep X

Contractor: **McAninch Corporation**
4001 Delaware Avenue
Des Moines, IA 50313

Project Title	MidAmerican Energy Company RecPlex Grading And Utility Improvements	
WDM Project File Number	0510-055-2018	
Purchase Order Number	2019-00000871	
Orig. Contract Amount & Date	$4,496,180.00	June 17, 2019
Change Order Number	4	
Date	February 24, 2020	

THE CONTRACT IS CHANGED AS FOLLOWS:

1)CO4-2.05: During construction of foundations as a part of Bid Package #3 a lower bearing capacity of the soil than required was discovered. This soil was previously placed as part of this contract, Bid package #1. In order to remedy the lower than required bearing capacity of the soil, over excavation and placement of engineered fill was required. The over excavation and fill placement was performed by the Bid Package #3 Contractor via an additive Change Order. This item is to deduct the corresponding value from this contract as was added to Bid Package #3 to correct the lower than required bearing capacity.

2)CO4 - 2.03A: As part of Value Engineering modifications to the plans and associated with Change Order #1, an additional 1,962 CY of fill material was required. This was offset by other savings as a part of Change Order #1

3)CO4 - 2.03B: 6,343 CY of additional fill material is required by the plans as bid beyond the quantity shown in the bid proposal. This item is to correct the discrepancy between the amount required by the plans and bid proposal.

4)CO4 - 2.04A: 125 CY less fill material is required by the plans as bid in comparison to the quantity shown in the bid proposal. This item is to correct the discrepancy between the amount required by the plans and bid proposal.

Item	Description	Unit	Unit Price	Quantity Adjustment	Value Adjustment
DIVISION 11 - MISCELLANEOUS					
CO4-2.05	OVEREXCAVATION DEDUCTION	LS	($8,888.00)	1.0	($8,888.00)
DIVISION 2 - EARTHWORK					
CO4-2.03A	CLASS 10 EXCAVATION (IMPORT)	CY	$9.85	1,962.0	$19,325.70
CO4-2.03B	CLASS 10 EXCAVATION (IMPORT)	CY	$9.85	6,343.0	$62,478.55
CO4-2.04A	CLASS 10 EXCAVATION (ON-SITE)	CY	$8.20	(125.0)	($1,025.00)
			TOTAL		$71,891.25

CHANGE ORDER SUMMARY

The Original Contract Sum was	$4,496,180.00
Net Change by previously authorized Change Orders	$423,077.29
The Contract Sum prior to This Change Order was	$4,919,257.29
The Contract Sum will be **increased** by this Change Order in the amount of	$71,891.25
The new Contract Sum including this Change Order will be	**$4,991,148.54**
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)	11.01%
The Contract Time will be **changed** by	183 Days
The date of Final Completion as of the date of this Change Order therefore is	June 1st, 2020

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

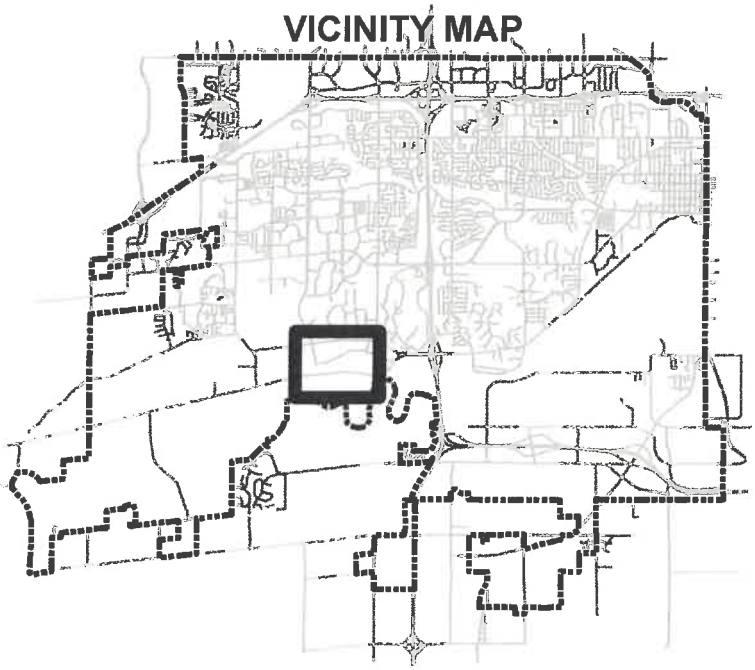
Contractor:	Recommended By:	Checked By: NTH TMS
McAninch Corporation	Civil Design Advantage (CDA)	City of West Des Moines
Signature: Marc Casteel	Signature: Josh Trygstad	Signature:
Name: Marc Casteel	Name: Josh Trygstad, P.E.	Name: Brian J. Hemesath, P.E.
Title: Project Manager	Title: Project Manager	Title: City Engineer
Date: 2-25-2020	Date: 2/28/2020	Date:

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_____

VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
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THE CITY OF WEST DES MOINES

PROJECT:

MidAmerican Energy RecPlex

LOCATION: **Exhibit "A"**

DRAWN BY: JDR	DATE: 1/16/2019	PROJECT NUMBER/NAME: 0510-055-2018	SHT. 1 of 1