CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 16, 2020

ITEM:

Resolution – Ordering Construction
MidAmerican Energy RecPlex – Site Improvements

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the Site Improvements at the MidAmerican Energy RecPlex is $5,270,980.75. Payments will be made from account no. 692.400.700.5250.490 with the ultimate funding intended to come from General Obligation bonds backed by Hotel-Motel tax revenue.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, April 1, 2020 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, April 6, 2020. The contract would be awarded on Monday, April 6, 2020 and work will begin shortly thereafter.

The project consists of the Site Improvements at the MidAmerican Energy RecPlex including drive accesses, parking lot, shared use path, sidewalk, minor adjustments of sanitary and storm sewer structures, water fixture adjustments, topsoil respreads, landscape plantings, seeding, site lighting, and miscellaneous work to complete the project. This phase of the project is anticipated to be substantially complete by November 1, 2020 with final restoration to be complete by May 1, 2021. Grading and utilities for the site are nearing completion. 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 to be complete by November 13, 2020. The purchase of the ice refrigeration equipment is in progress.

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 Ordering Construction of the MidAmerican Energy RecPlex – Site Improvements.
- Fixing 2:00 p.m. on Wednesday, April 1, 2020 as the time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

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			
Date Reviewed			
Recommendation	Yes	No	Split

RESOLUTION ORDERING CONSTRUCTION AND NOTICE OF PUBLIC HEARING ON PLANS, SPECIFICATIONS, FORM OF CONTRACT, ESTIMATE OF COST, AND DIRECTING ADVERTISEMENT FOR BIDS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the following described public improvement:

MidAmerican Energy RecPlex – Site Improvements
Project No. 0510-055-2018

is hereby ordered to be constructed according to the Plans and Specifications prepared by Civil Design Advantage of Grimes, Iowa and now on file in the office of the City Clerk.

BE IT FURTHER RESOLVED, that the detailed Plans and Specifications, Form of Contract, Bid Security, and Notice to Bidders are hereby approved, subject to hearing thereon, and that the same are now on file in the office of the City Clerk for public inspection.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish notice of hearing on the Plans and Specifications, Form of Contract, Bid Security and Estimate of Costs for said project to be held at 5:35 p.m. on Monday, April 6, 2020, with said notice published not less than four (4) days nor more than twenty (20) days prior to the date heretofore fixed.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish Notice to Bidders for said project with publication not less than thirteen (13) days nor more than forty-five (45) days prior to the date for receiving bids. Said bids are to be filed prior to 2:00 p.m. on Wednesday, April 1, 2020.

BE IT FURTHER RESOLVED, that the bids received for construction of said improvements will be opened, publicly read and tabulated by the City Clerk, Deputy City Clerk, or City Clerk designee at 2:00 p.m. on Wednesday, April 1, 2020 and the results of said bids shall be considered at a meeting of this Council on Monday, April 6, 2020 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED on this **16th** day of **March, 2020.**

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Steven K. Gaer, Mayor

ATTEST:

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Ryan T. Jacobson, City Clerk

Engineer's Opinion of Probable Construction Costs
MidAmerican Energy Company RecPlex Bid Package #1B - Site Improvements
March 12, 2020

Item No.	SUDAS	Item	Unit	Unit Price	Quantity	Price
Division 2		Earthwork				
2.01	2010-108-D-1	Topsoil, On-Site (Respread only)	CY	$ 2.50	28,830	$ 72,075.00
2.02	2010-108-D-1	Topsoil, Amended (Bio-Retention/Bio-Swale)	CY	$ 25.00	2,495	$ 62,375.00
2.03	2010-108-D-1	Topsoil, Amended (Landscaping)	CY	$ 20.00	675	$ 13,500.00
2.04	2010-108-E-0	Excavation, Class 10 (Minor Grading)	LS	$ 50,000.00	1	$ 50,000.00
2.05	2010-108-G-0	Subgrade Preperation, 12 In. Depth	SY	$ 3.50	59,680	$ 208,880.00
2.06	2010-108-G-0	Subgrade Preparation, 6 In. Depth	SY	$ 2.50	8,550	$ 21,375.00
2.07	2010-108-I-0	Subbase, 3" depth of 3/8" Limestone Chips (Bio-Retention)	CY	$ 75.00	35	$ 2,625.00
2.08	2010-108-I-0	Subbase, 12" depth of 1-2" Clean Aggregate (Bio-Retention)	CY	$ 50.00	135	$ 6,750.00
Division 3		Trench and Trenchless Construction	0			
3.01	Special	French Drain, Trenched	LF	$ 50.00	1,385	$ 69,250.00
Division 4		Sewers and Drains	0			
4.01	4040-108-A-0	Subdrain, Perforated HDPE, 6 In.	LF	$ 25.00	363	$ 9,075.00
4.02	4040-108-C-0	Subdrain Outlets and Connections, RCP Intake, 6 In. Dia.	EA	$ 750.00	1	$ 750.00
Division 5		Water Main and Appurtenances				
5.01	Special	Valve Box Adjustment	EA	$ 100.00	28	$ 2,800.00
Division 6		Structures for Sanitary and Storm Sewer				
6.01	6010-108-E-0	Sanitary Manhole Adjustment, Minor	EA	$ 500.00	4	$ 2,000.00
6.02	6010-108-E-0	Storm Manhole Adjustment, Minor	EA	$ 500.00	11	$ 5,500.00
6.03	6010-108-E-0	Storm Intake Adjustment, Minor	EA	$ 500.00	68	$ 34,000.00
Division 7		Streets and Related Work				
7.01	7010-108-A-0	Pavement, PCC, 6 In. Reinforced	SY	$ 52.00	34,650	$ 1,801,800.00
7.02	7010-108-A-0	Pavement, PCC, 6 In.	SY	$ 48.00	20,800	$ 998,400.00
7.03	7030-108-A-0	Removal of Shared Use Path	SY	$ 10.00	373	$ 3,730.00
7.04	7030-108-C-0	Shared Use Path, PCC, 6 In. Reinforced	SY	$ 55.00	5,050	$ 277,750.00
7.05	7030-108-E-0	Sidewalk, PCC, 4 In.	SY	$ 42.00	2,820	$ 118,440.00
7.06	7030-108-G-0	Detectable Warnings	SF	$ 40.00	536	$ 21,440.00
7.07	7040-108-H-0	Pavement Removal	SY	$ 10.00	280	$ 2,800.00
Division 8		Traffic Control and Signalization				
8.01	8020-108-D-0	Painted Pavement Markings, High-Build	STA	$ 75.00	256.1	$ 19,205.25
8.02	8020-108-G-0	Painted Symbols and Legends, High-Build	EA	$ 400.00	37	$ 14,800.00
8.03	8030-108-A-0	Temporary Traffic Control	LS	$ 30,000.00	1	$ 30,000.00
8.04	Special	Signage, ADA Stalls, Traffic, etc.	EA	$ 400.00	31	$ 12,400.00
8.05	Special	Bollards	EA	$ 500.00	70	$ 35,000.00
Division 9		Site Work and Landscaping				
9.01	9010-108-A-0	Conventional Seeding, Seeding, Fertilizing and Mulching, Type 1	AC	$ 6,600.00	12.22	$ 80,652.00
9.02	9010-108-A-0	Conventional Seeding, Seeding, Fertilizing and Mulching, Special Type 2	AC	$ 8,750.00	3.26	$ 28,525.00
9.03	9010-108-A-0	Conventional Seeding, Seeding, Fertilizing and Mulching, Special Type 3	AC	$ 8,750.00	0.87	$ 7,612.50
9.04	9010-108-A-0	Conventional Seeding, Seeding and Fertilizing, Type 4	AC	$ 750.00	16.51	$ 12,382.50
9.05	9010-108-A-0	Conventional Seeding, Seeding, Fertilizing and Mulching, Special Type 5	AC	$ 21,750.00	0.16	$ 3,480.00
9.06	9030-108-A-0	Plants, Overstory Tree	EA	$ 300.00	179.00	$ 53,700.00
9.07	9030-108-A-0	Plants, Understory Tree	EA	$ 250.00	35.00	$ 8,750.00
9.08	9030-108-A-0	Plants, Evergreen Tree	EA	$ 275.00	22.00	$ 6,050.00
9.09	9030-108-A-0	Plants, Shrub	EA	$ 50.00	708.00	$ 35,400.00
9.10	9030-108-A-0	Plants, Grass	EA	$ 50.00	870.00	$ 43,500.00
9.11	9030-108-A-0	Plants, Perennial/Ground Cover	EA	$ 25.00	431.00	$ 10,775.00
9.12	Special	Spade Cut Edge	LF	$ 1.50	3,494.00	$ 5,241.00
9.13	Special	Mulch, River Rock	TON	$ 140.00	76.50	$ 10,710.00
9.14	Special	Mulch, Shredded Hardwood	CY	$ 110.00	535.00	$ 58,850.00
9.15	9040-108-A-2	SWPPP Management	LS	$ 6,000.00	1.00	$ 6,000.00
9.16	9040-108-D-1	Filter Sock	LF	$ 3.00	460.00	$ 1,380.00
9.17	9040-108-D-2	Filter Sock, Removal	LF	$ 1.50	460.00	$ 690.00
9.18	9040-108-N-1	Silt Fence or Silt Fence Ditch Check	LF	$ 2.00	1,000.00	$ 2,000.00
9.19	9040-108-N-2	Silt Fence or Silt Fence Ditch Check, Removal of Sediment	LF	$ 0.75	2,530.00	$ 1,897.50
9.20	9040-108-N-3	Silt Fence or Silt Fence Ditch Check, Removal of Device	LF	$ 0.50	2,530.00	$ 1,265.00
9.21	9040-108-Q-2	Erosion Control Mulching, Hydromulching (BFM)	AC	$ 2,500.00	31.10	$ 77,750.00
9.22	9040-108-T-1	Inlet Protection Device, Drop In	EA	$ 250.00	67.00	$ 16,750.00
9.23	9040-108-T-2	Inlet Protection Device, Maintenance and Removal of Rock	EA	$ 50.00	46.00	$ 2,300.00
9.24	9040-108-T-2	Inlet Protection Device, Maintenance and Removal of Drop-In	EA	$ 50.00	67.00	$ 3,350.00
9.25	9070-108-A-0	Modular Block Retaining Wall	SF	$ 50.00	335.00	$ 16,750.00
Division 11		Miscellaneous				
11.01	11,010-108-A	Construction Staking	LS	$ 4,500.00	1	$ 4,500.00
11.02	11,050-108-A-0	Concrete Washout, Rolloff	EA	$ 3,000.00	3	$ 9,000.00
11.03	Special	Site Lighting	LS	$ 865,000.00	1	$ 865,000.00
					Site Improvements Total Cost =	**$ 5,270,980.75**

* Cost excludes site amenities such as flag poles, score board, trash enclosure, benches, bike racks, field lighting etc.

LICENSED PROFESSIONAL ENGINEER
JOSHUA A. TRYGSTAD
19228
IOWA

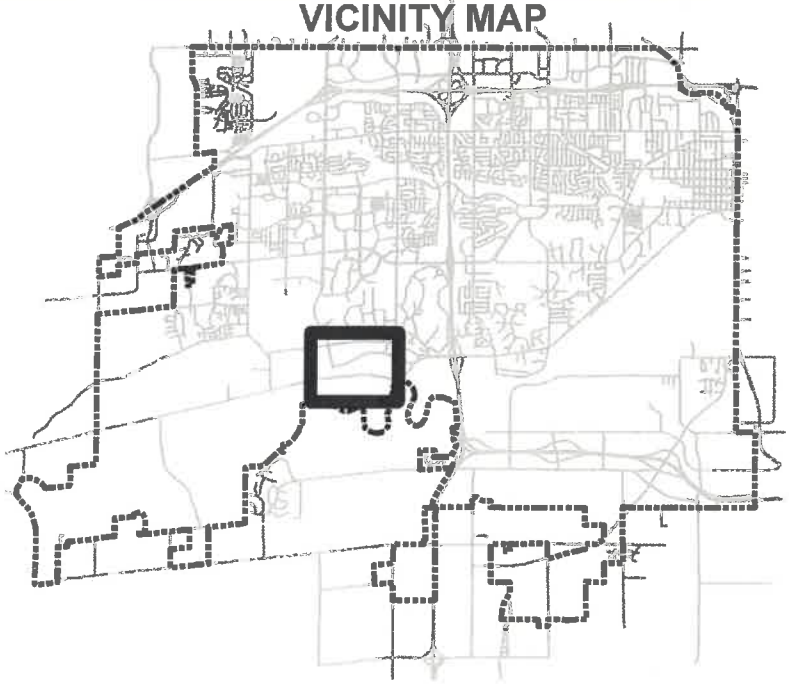
I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

Joshua A. Trygstad
JOSHUA A. TRYGSTAD, P.E.

3/12/2020
DATE

LICENSE NUMBER 19228
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2020
PAGES OR SHEETS COVERED BY THIS SEAL:
THIS SHEET

VICINITY MAP



LEGEND

PROJECT LOCATION

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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