CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: September 4, 2018

ITEM:

Resolution - Ordering Construction
West Public Services Facility - Site Development (Phase 1)

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the West Public Services Facility - Site Development (Phase 1) is $1,266,340.00. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Road Use Tax and/or General Obligation Bonds.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, September 26, 2018 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, October 1, 2018. The contract would be awarded on Monday, October 1, 2018, contingent upon City Council approval of the West Public Services Facility Site Plan at the same City Council meeting, and work will begin shortly thereafter.

The Site Development (Phase 1) will consist of rough grading, storm sewer, sanitary sewer, and watermain to accommodate the future construction of the West Public Services Facility. The project is anticipated to be completed by December 15, 2018. Building and Site Improvements (Phase 2) are scheduled to be bid early 2019 with construction extending into 2020.

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 West Public Services Facility - Site Development (Phase 1).
- Fixing 2:00 p.m. on Wednesday, September 26, 2018 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:

West Public Services Facility - Site Development (Phase 1)
Project No. 0510-027-2017

is hereby ordered to be constructed according to the Plans and Specifications prepared by FEH Design of Des Moines, 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, October 1, 2018 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, September 26, 2018.

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, September 26, 2018 and the results of said bids shall be considered at a meeting of this Council on Monday, October 1, 2018 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED on this **4th** day of **September, 2018.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

OPINION OF PROBABLE PROJECT COSTS

SNYDER & ASSOCIATES

West Public Services Facility
Phase 1 Site Improvements
West Des Moines, Iowa
WDM Project No. 0510-027-2017
Prepared: August 29, 2018

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1	**DEMOLITION**				
1.01	Storm Sewer Removal	2	EA	$ 1,000.00	$ 2,000.00
2	**EARTHWORK**				
2.01	Mobilization	1	LS	$ 70,000.00	$ 70,000.00
2.02	Topsoil, Strip, Stockpile, 6-inch	23,500	CY	$ 4.00	$ 94,000.00
2.03	Select Import	18,500	CY	$ 15.00	$ 277,500.00
2.04	Excavation, Class 10 Roadway and Borrow	9,000	CY	$ 3.50	$ 31,500.00
2.05	Topsoil Respread, 6-inch	29,500	CY	$ 4.00	$ 118,000.00
4	**STORM SEWER**				
4.01	12-inch RCP	362	LF	$ 50.00	$ 18,100.00
4.02	15-inch RCP	479	LF	$ 50.00	$ 23,950.00
4.03	18-inch RCP	248	LF	$ 55.00	$ 13,640.00
4.04	24-inch RCP	800	LF	$ 75.00	$ 60,000.00
4.05	30-inch RCP	538	LF	$ 100.00	$ 53,800.00
4.06	36-inch RCP	474	LF	$ 120.00	$ 56,880.00
4.07	SW-511, Rectangular Area Intake	4	EA	$ 3,000.00	$ 12,000.00
4.08	SW-502 Intake with Type 6 Grate	6	EA	$ 4,000.00	$ 24,000.00
4.09	SW-401, Circular Manhole	5	EA	$ 4,000.00	$ 20,000.00
4.10	12-inch FES with Footing	4	EA	$ 1,250.00	$ 5,000.00
4.11	15-inch FES with Footing	1	EA	$ 1,500.00	$ 1,500.00
4.12	24-inch FES with Footing	2	EA	$ 2,000.00	$ 4,000.00
4.13	30-inch FES with Footing	1	EA	$ 2,500.00	$ 2,500.00
4.14	36-inch FES with Footing	1	EA	$ 3,000.00	$ 3,000.00
4.15	12-inch Nyloplast Structure	3	EA	$ 1,200.00	$ 3,600.00
4.16	15-inch Nyloplast Structure	1	EA	$ 1,500.00	$ 1,500.00
5	**WATER MAIN AND APPURTENANCES**				
5.01	8-inch DIP, Water Main	831	LF	$ 55.00	$ 45,705.00
5.02	8-inch PVC, Water Main	1,983	LF	$ 30.00	$ 59,490.00
5.03	6-inch PVC, Water Service	187	LF	$ 25.00	$ 4,675.00
5.04	4-inch PVC, Water Service	1	EA	$ 7,500.00	$ 7,500.00
5.05	2-inch PVC, Water Service	2	EA	$ 6,000.00	$ 12,000.00
5.06	8-inch Gate Valve	5	EA	$ 1,250.00	$ 6,250.00
5.07	6-inch Gate Valve	1	EA	$ 1,200.00	$ 1,200.00
5.08	4-inch Gate Valve	1	EA	$ 1,100.00	$ 1,100.00
5.09	2-inch Gate Valve	2	EA	$ 1,000.00	$ 2,000.00
5.10	8"x8" Tee Section	7	EA	$ 500.00	$ 3,500.00
5.11	Fire Hydrant Assembly	7	EA	$ 5,500.00	$ 38,500.00
5.12	Connect to Existing	1	EA	$ 5,000.00	$ 5,000.00
6	**SANITARY SEWER**				
6.01	6-inch PVC, Sanitary Sewer	935	LF	$ 45.00	$ 42,075.00
6.02	8-inch PVC, Sanitary Sewer	425	LF	$ 55.00	$ 23,375.00
6.03	Sanitary Clean-Out Structure	2	EA	$ 1,200.00	$ 2,400.00
6.04	Standard SW-301 Manhole, 48-inch	4	EA	$ 5,000.00	$ 20,000.00
6.05	Connect to Existing Sanitary Sewer Manhole	1	EA	$ 5,000.00	$ 5,000.00
8	**TRAFFIC CONTROL**				
8.01	Traffic Control	1	LS	$ 4,000.00	$ 4,000.00

OPINION OF PROBABLE PROJECT COSTS

SNYDER & ASSOCIATES

West Public Services Facility
Phase 1 Site Improvements
West Des Moines, Iowa
WDM Project No. 0510-027-2017
Prepared: August 29, 2018

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
9	**LANDSCAPING/SITE AMENITIES**				
9.01	Type 5 (Rural Temporary Erosion Control Mixture)	30	AC	$ 1,500.00	$ 45,000.00
9.02	Silt Fence	3,120	LF	$ 4.00	$ 12,480.00
9.03	Silt Fence Removal	3,120	LF	$ 1.00	$ 3,120.00
9.04	SWPPP Management	1	LS	$ 2,000.00	$ 2,000.00
9.05	Erosion and Sediment Control Inspection	1	LS	$ 2,500.00	$ 2,500.00
9.06	Stabilized Construction Entrance	1	LS	$ 2,500.00	$ 2,500.00
9.07	Turf Reinforcement Mats	1	LS	$ 7,500.00	$ 7,500.00
9.08	Flow Transition Mats	1	LS	$ 1,000.00	$ 1,000.00
11	**CONSTRUCTION SURVEY**				
11.10	Construction Survey	1	LS	$ 10,000.00	$ 10,000.00
				TOTAL PROJECT COST:	**$ 1,266,340.00**

LICENSED PROFESSIONAL ENGINEER
ERIK J. NIKKEL
18678
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.

08/29/2018

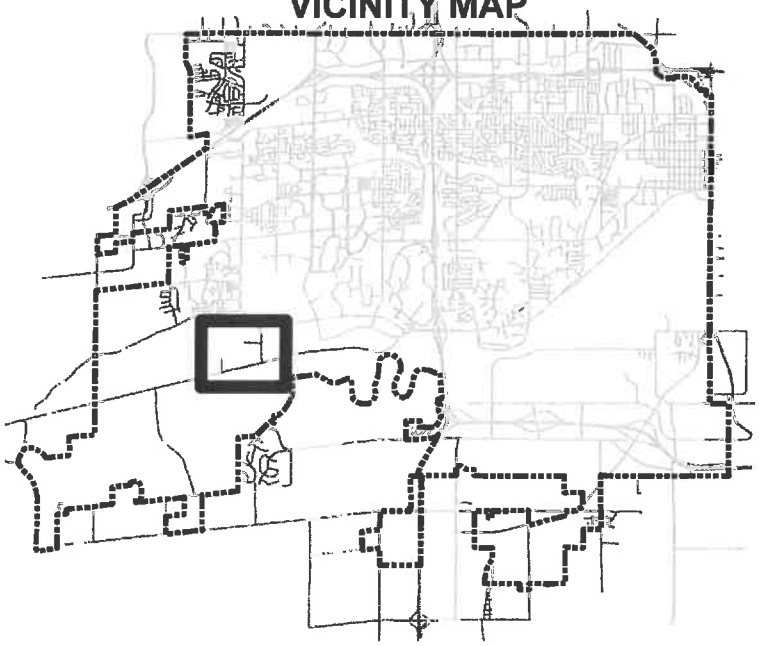
Erik J. Nikkel, P.E. Date

License Number 18678

My License Renewal Date is December 31, 2019

Pages or sheets covered by this seal:

VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

West Public Services Facility

LOCATION: South 88th Street & Grand Avenue

DRAWN BY: JDR	DATE: 8/8/2018	PROJECT NUMBER/NAME: 0510-027-2017	SHT. 1 of 1