CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 18, 2024

ITEM:

Public Hearing (5:35 p.m.)
2023 Sewer Manhole Rehabilitation Program

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost was estimated to be $233,768.00 for the 2023 Sewer Manhole Rehabilitation Program. There was one (1) bid submitted by Structured Solutions, LLC of Union City, Indiana in the amount of $194,839.70. Payments will be made from account no. 640.000.000.5250.490 with the ultimate funding intended to come from Sanitary Sewer Fee Revenue.

BACKGROUND:

This is an ongoing maintenance program to rehabilitate existing portions of the City's sanitary sewer system. Previous inspections of these sanitary sewer manholes revealed defects at several locations. The project consists of work at 34 manholes. The project is anticipated to be completed by September 27, 2024.

The City of West Des Monies has never contracted with Structured Solutions, LLC before. However, after further review of their extensive specialized experience in the sewer rehabilitation industry and vast list of projects, City Staff recommend approval of the construction contract with Structured Solutions, LLC.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for the 2023 Sewer Manhole Rehabilitation Program;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Structured Solutions, LLC.

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	Greta Truman, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	March 1, 2024

SUBCOMMITTEE INFORMED

Committee	Public Services
Date Informed	March 11, 2024
No Deliberation or Action Taken	

RESOLUTION APPROVING ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST

WHEREAS, on February 19, 2024, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

2023 Sewer Manhole Rehabilitation Program
Project No. 0510-009-2023

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements were published as required by law.

therefore,

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, that the Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND APPROVED on this **18th** day of **March, 2024.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION APPROVING THE AWARDING OF A CONTRACT

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

2023 Sewer Manhole Rehabilitation Program
Project No. 0510-009-2023

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council; and

WHEREAS, the bid of Structured Solutions, LLC in the amount of $194,839.70 was the lowest responsible bid received for said public improvement;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the 2023 Sewer Manhole Rehabilitation Program shall hereby be awarded to Structured Solutions, LLC in the amount of $194,839.70 upon registration with the Iowa Secretary of State as a foreign limited liability company authorized to do business in the State of Iowa and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED on this **18th** day of **March, 2024.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

Bid Tabulation
2023 Manhole Rehabilitation Program
Project No. 0510-009-2023
City of West Des Moines
West Des Moines, Iowa
AECOM Project No: 60712522
March 6, 2024

AECOM

				Engineer's Estimate		Structured Solutions LLC, 814 W pearl St Union City, IN 47390	
Item	Description	Unit	Estimated Quantity	Unit Price	Extended Price	Unit Price	Extended Price
1.1	REPLACE MANHOLE 26-483 CASTING	EA	1.0	$ 1,500.00	$ 1,500.00	$ 1,200.00	$ 1,200.00
1.2	URETHANE CHIMNEY SEAL	EA	33.0	$ 600.00	$ 19,800.00	$ 900.00	$ 29,700.00
1.3	CHEMICAL GROUT CRACKS/JOINTS IN MANHOLES	LF	400.0	$ 14.00	$ 5,600.00	$ 11.25	$ 4,500.00
1.4	48-IN DIA MANHOLE LINING - 0.50" CEMENTITIOUS WITH 125 MILS EPOXY	VF	30.1	$ 400.00	$ 12,040.00	$ 326.00	$ 9,812.60
1.5	48-IN DIA MANHOLE LINING - 0.75" CEMENTITIOUS WITH 125 MILS EPOXY	VF	177.5	$ 425.00	$ 75,437.50	$ 340.00	$ 60,350.00
1.6	48-IN DIA MANHOLE LINING - 1.00" CEMENTITIOUS WITH 125 MILS EPOXY	VF	116.2	$ 450.00	$ 52,290.00	$ 353.00	$ 41,018.60
1.7	60-IN DIA MANHOLE LINING - 1.00" CEMENTITIOUS WITH 125 MILS EPOXY	VF	33.8	$ 560.00	$ 18,928.00	$ 375.00	$ 12,675.00
1.8	48-IN DIA MANHOLE LINING - 1.50" CEMENTITIOUS WITH 125 MILS EPOXY	VF	58.0	$ 500.00	$ 29,000.00	$ 380.00	$ 22,040.00
1.9	48-IN DIA MANHOLE LINING - 1.75" CEMENTITIOUS WITH 125 MILS EPOXY	VF	15.3	$ 525.00	$ 8,032.50	$ 395.00	$ 6,043.50
1.10	TRAFFIC CONTROL	LS	1.0	$ 11,140.00	$ 11,140.00	$ 7,500.00	$ 7,500.00
	TOTAL BID				**$ 233,768.00**	**83%**	**$ 194,839.70**

LICENSED PROFESSIONAL ENGINEER
ROSS A. HILLSMAN
12985
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.

ROSS HILLSMAN, PE — 3/6/2024 Date

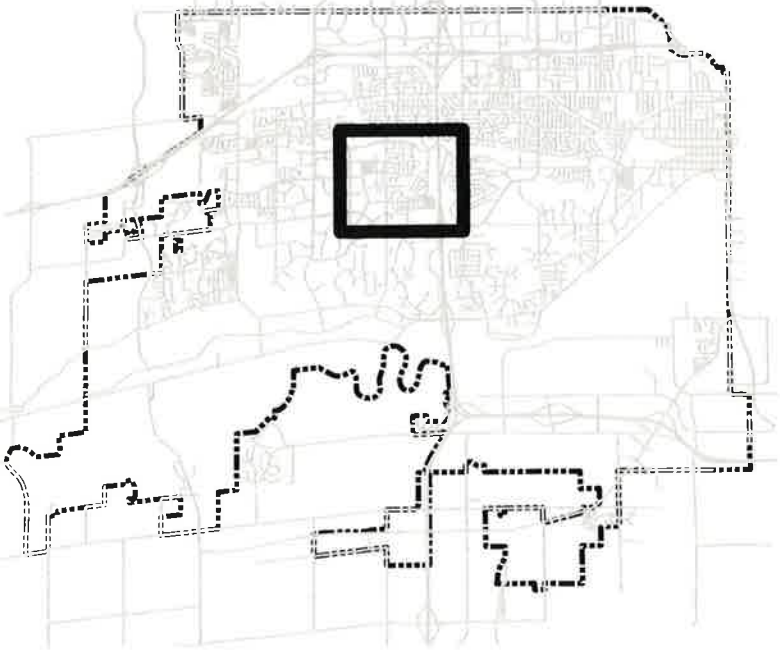
License No. 12985

My license renewal date is December 31, 2025.

Pages or sheets covered by this seal:

Date Issued:

VICINITY MAP



LEGEND

PROJECT LOCATION ●

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THE CITY OF WEST DES MOINES	PROJECT: **2023 Sewer Manhole Rehabilitation Program**		
	LOCATION: **Exhibit 'A'**		
	DRAWN BY: JPM	DATE: 2/9/2024	PROJECT NUMBER/NAME: 0510-009-2023	SHT. 1 of 1