CITY OF ST. CHARLES ILLINOIS • 1834	**AGENDA ITEM EXECUTIVE SUMMARY**	**Agenda Item number:** 5.D
	Title:	Recommendation to Approve a Resolution to Award the Bid for Sanitary Manhole Rehabilitation
	Presenter:	**Tim Wilson**

Meeting: Government Services Committee	**Date:** March 20, 2023	
Proposed Cost: $ *213,260*	**Budgeted Amount:** $225,000	**Not Budgeted:** ☐
TIF District*:* None		

Executive Summary (if not budgeted, please explain)**:**

The Sanitary Sewer Manhole Rehabilitation Program is an ongoing Capacity, Management, Operations and Maintenance (CMOM) program to decrease the amount of inflow and infiltration. This program will repair several manholes, extending the service life of the structure within the sanitary system. The bid for manhole rehabilitation will cover the service area of SC05 Basins (see attached drainage area maps). The majority of proposed work this year is manhole lining. This process is a cost-effective way to reduce rain water infiltration without removing the entire manhole

On March 7, 2023, the City opened a single bid from Structured Solution LCC out of Union City, Indiana in the amount of $213,260

The City hasn't worked with Structured Solution in the past. But as part of the bid submittal the contractor provided two local references of City of Evanston and the Village of Bartlett. The City team called these references and received positive feedback. The unit cost provided for this project was within 5% of the unit cost the City paid for the same work in 2021.

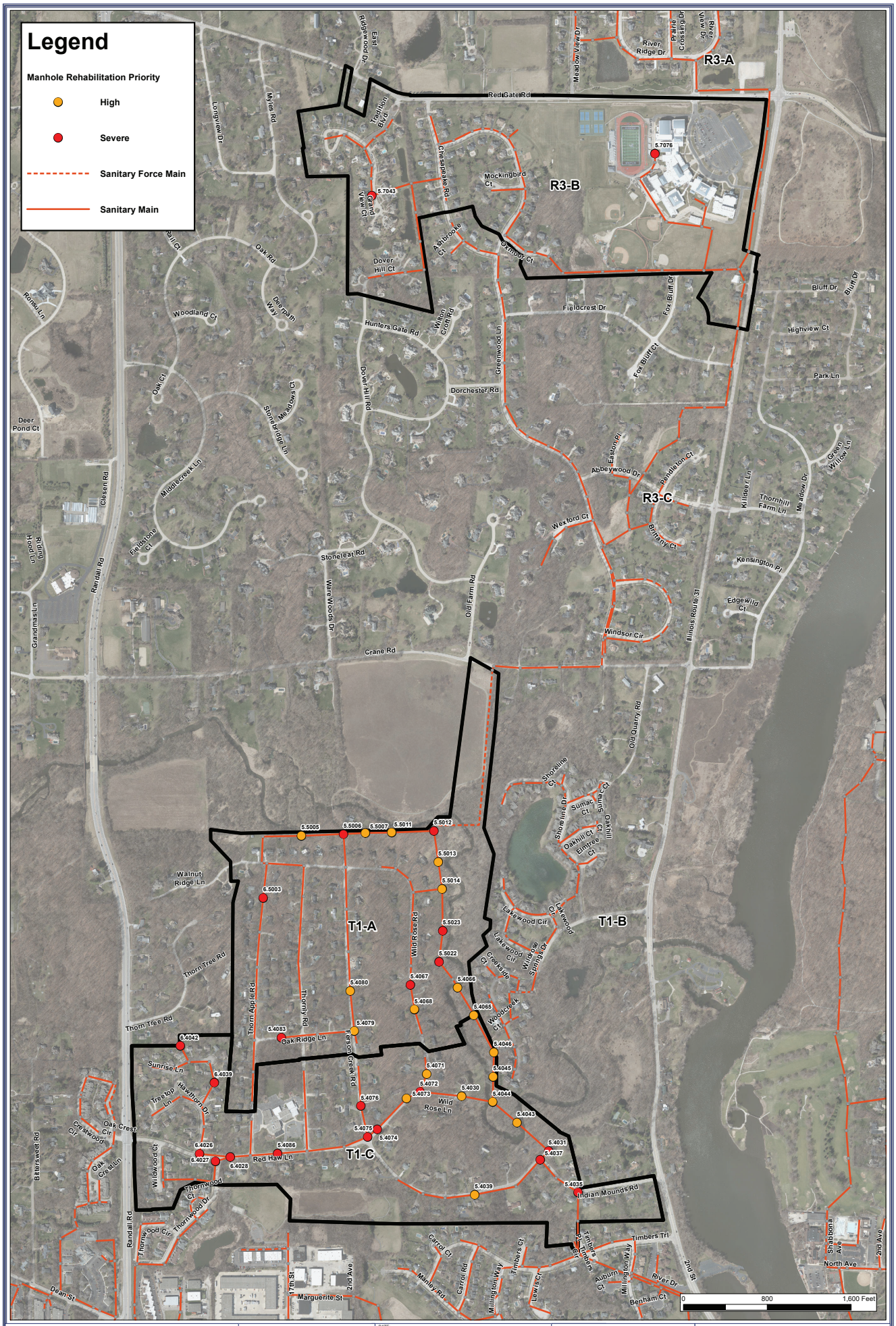
Based on the proposed unit cost and local projects. The City staff recommends awarding the bid to Structured Solutions LLC.

Attachments (please list)**:**

- Area Location Maps, Proposed Cost

Recommendation/Suggested Action (briefly explain)**:**

Recommendation to award the bid to Structured Solutions LLC for 2023 Manhole Rehabilitation in an amount of $213,260.



Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

City of St. Charles
2 East Main Street
St. Charles, IL 60174
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DATE:	8/22/2022
PROJECT NO.:	SR2105
BY:	MJT
PATH:	H:\SR\Public\Saint Charles\2021\SR2105\SR2105_ Overall Manhole Rehabilitation Aerial Map.mxd
FILE:	SR2105_ Overall Manhole Rehabilitation Aerial Map

2022 MANHOLE REHABILITATION

BASIN SC05 T1-R3 OVERALL MANHOLE REHABILITATION AERIAL MAP

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CITY OF ST. CHARLES
DUPAGE AND KANE COUNTIES, ILLINOIS

2023 MANHOLE REHABILITATION

BID SCHEDULE

UNIT A: BASE BID ITEMS

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	MOBILIZATION, INCLUDING PERFORMANCE AND PAYMENT BONDS	LSUM	1	$ 8,000.00	$ 8,000.00
2	DEMOBILIZATION	LSUM	1	$ 3,000.00	$ 3,000.00
3	CASH ALLOWANCE FOR ANY ADDITIONAL WORK REQUESTED AND APPROVED BY THE OWNER AND ENGINEER, AND NOT INCLUDED IN THE BASE SCOPE AND CONTRACT DOCUMENTS, IN ACCORDANCE WITH THE SPECIFICATIONS	LSUM	1	$ 10,000.00	$ 10,000.00
4	5-YEAR WARRANTY ON ALL MATERIALS, WORKMANSHIP AND LABOR FURNISHED BY THE CONTRACTOR	LSUM	1	$ 10,000.00	$ 10,000.00
	SEVERE MANHOLES*				
5	MANHOLE INSPECTION REPORTS AND PHOTOS	EA	22	$ 275.00	$ 6,050.00
6	MANHOLE LINING	VF	227	$ 190.00	$ 43,130.00
7	REPLACE FRAME	EA	10	$ 3,400.00	$ 34,000.00
8	INTERNAL CHIMNEY SEAL	EA	9	$ 800.00	$ 7,200.00
9	EXTERNAL CHIMNEY SEAL	EA	10	$ 400.00	$ 4,000.00
10	GROUT AND WIPE JOINTS	EA	15	$ 250.00	$ 3,750.00
	HIGH MANHOLES*				
11	MANHOLE INSPECTION REPORTS AND PHOTOS	EA	18	$ 275.00	$ 4,950.00
12	MANHOLE LINING	VF	182	$ 190.00	$ 34,580.00
13	RAISE/RESET FRAME	EA	1	$ 2,850.00	$ 2,850.00
14	REPLACE FRAME	EA	7	$ 3,400.00	$ 23,800.00
15	INTERNAL CHIMNEY SEAL	EA	4	$ 800.00	$ 3,200.00
16	EXTERNAL CHIMNEY SEAL	EA	8	$ 400.00	$ 3,200.00
17	REPAIR BENCH/CHANNEL	EA	1	$ 550.00	$ 550.00
18	GROUT AND WIPE JOINTS	EA	4	$ 250.00	$ 1,000.00
	TOTAL UNIT A: FOR ALL BASE BID ITEMS (1 THROUGH 18)				**$ 203,260.00**

TOTAL (UNIT A)	**$ 203,260.00**

UNIT B: ALTERNATIVE BID ITEM

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	(ADD TO BASE BID ITEM NO. 4) 10-YEAR WARRANTY ON ALL MATERIALS, WORKMANSHIP AND LABOR FURNISHED BY THE CONTRACTOR	LSUM	1	$ 10,000.00	$ 10,000.00
				TOTAL UNIT B: FOR ALTERNATIVE BID ITEM	**$ 10,000.00**

ALTERNATIVE TOTAL (UNIT A + UNIT B)	**$ 213,260.00**

DETAILED DESCRIPTIONS OF THE BID ITEMS ARE SPECIFIED IN THE SPECIAL PROVISIONS.