CITY OF JOPLIN
COUNCIL AGENDA ITEM

ITEM
CB 2022-152 Approval of a Purchase Order for Work Order No. 23A with Ace Pipe Cleaning, Inc. for the 2022 Evaluation and Rehabilitation Toolbox for Wastewater Collection System Project

MEETING DATE
November 21, 2022

ORIGINATING DEPT
Public Works / Engineering

ATTACHMENTS
CB 2022-152 Ordinance; Schedule of Work Order Pay Items; Exhibit Map

REVIEWED BY
Director of Public Works – Daniel Johnson, Director of Finance – Leslie Haase, City Attorney – Peter C. Edwards, Assistant City Manager – Tony Robyn, City Manager – Nicholas Edwards

SUMMARY
This Council Bill approves a Purchase Order with Ace Pipe Cleaning, Inc. for the 2022 Evaluation and Rehabilitation Toolbox for Wastewater Collection System Project in the amount of Nine Hundred Sixty-five Thousand and 00/100 Dollars ($965,000.00).

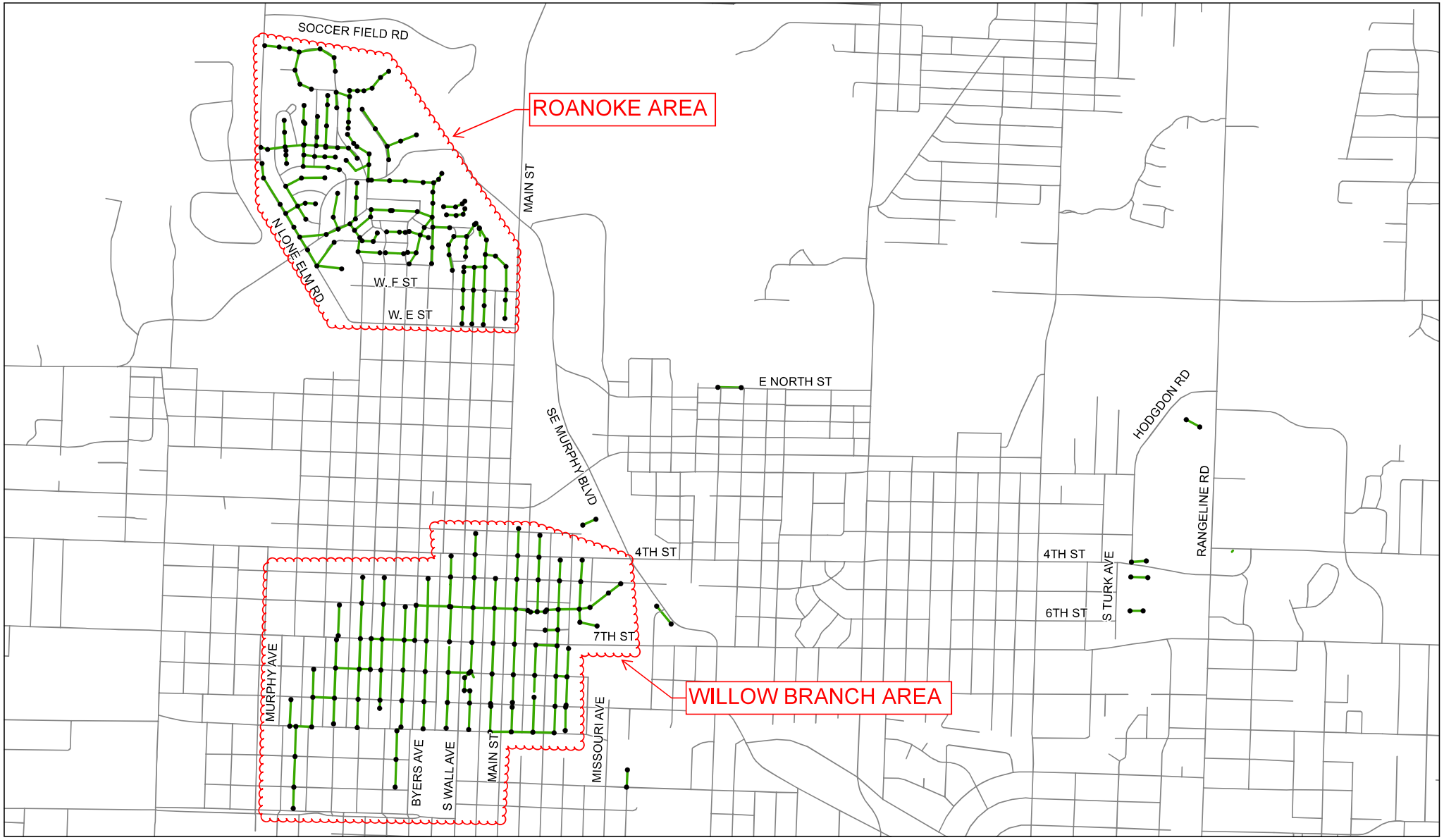
BACKGROUND
On May 16, 2022, Council Bill No. 2022-121 was passed, approving an agreement with Ace Pipe Cleaning, Inc., (Ace) and a P.O. for Work Order 2022A as part of the 2022 Evaluation and Rehabilitation Toolbox for Wastewater Collection System Project. The scope of work approved at that time included 7,000 LF of CCTV evaluation work along with limited rehabilitation work in the Willow Branch basin. Once work began, staff added the trenchless replacement (pipe bursting) of a failing sewer line under railroad tracks, which demonstrates the flexibility of the menu-like "Toolbox" contract the City employs to maintain its sanitary sewer collection system. This new PO directs Ace to clean and evaluate sewer mains, replace a deteriorated sewer main with a storm sewer pipe installed directly above it, and to reline sewer mains in various locations around town (refer to the Exhibit Map for general locations). The scope of work includes nine railroad crossing pipes, which were cleaned and evaluated after Council approved CB 2022-107 on March 21st of this year; 4,900 LF of concrete sewer mains within the Roanoke basin; as well as an additional 1,700 LF of sewer mains within the Willow Branch basin. All work under this contract will be funded by the City's Sanitary Sewer Rehab Fund No. 415-4542-540-8675.

FUNDING SOURCE
FY 2022-2023 budget of the Wastewater fund

RECOMMENDATION
Staff recommends adoption of this Council Bill on first reading.

2022 EVALUATION AND REHABILITATION TOOLBOX FOR WASTEWATER COLLECTION SYSTEM
CITY OF JOPLIN, MISSOURI
WORK ORDER 2023A
11/14/2022

ITEM NO.	NO. OF UNITS	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED
1.00	1	LS	Mobilization for Sewer Line Cleaning and Inspection (Ea. WO)	$ 1,500.00	$ 1,500.00
1.02	120	LF	12" to 16" Dia. Light Cleaning	$ 1.12	$ 134.40
1.04	2,655	LF	24" to 27" Dia. Light Cleaning	$ 2.24	$ 5,947.20
1.05	316	LF	30" to 32" Dia. Light Cleaning	$ 3.36	$ 1,061.76
1.10	60	LF	12" to 16" Dia. Heavy Cleaning	$ 2.02	$ 121.20
1.12	800	LF	24" to 27" Dia. Heavy Cleaning	$ 13.44	$ 10,752.00
1.13	100	LF	30" to 32" Dia. Heavy Cleaning	$ 14.56	$ 1,456.00
1.18	120	LF	12" to 16" Dia. CCTV Inspection	$ 1.40	$ 168.00
1.20	2,655	LF	24" to 27" Dia. CCTV Inspection	$ 1.40	$ 3,717.00
1.21	316	LF	30" to 32" Dia. CCTV Inspection	$ 2.24	$ 707.84
1.25	1,765	LF	Pre-Cleaning CCTV Inspection	$ 1.00	$ 1,765.00
9.00	1	LS	Mobilization for MH to MH CIPP (Ea. WO)	$ 9,000.00	$ 9,000.00
9.01	6,627	LF	8" Dia. CIPP (6 mm Liner Thickness)	$ 31.57	$ 209,214.39
9.02	1,942	LF	8" Dia. CIPP (7.5 mm Liner Thickness)	$ 32.37	$ 62,862.54
9.15	350	LF	18" Dia. CIPP (10.5 mm Liner Thickness)	$ 107.00	$ 37,450.00
10.01	1	EA	8" Dia. CIPP Point Repair	$ 1,600.00	$ 1,600.00
14.00	1	LS	Mobilization for Trenchless LCR (Ea. WO)	$ 2,500.00	$ 2,500.00
14.01	33	EA	Trenchless LCR Setup Per Manhole to Manhole Segment	$ 500.00	$ 16,500.00
14.02	72	EA	Ambient Steam Cured LCR 8"-12" Main, 4" to 6" Lateral, 18" Long	$ 1,400.00	$ 100,800.00
21.00	1	LS	Mobilization for Open Cut Sewer Line Work 8" to 12" Diameter (Ea. WO)	$ 1,250.00	$ 1,250.00
21.03	7	EA	8" and 10" Dia. Point Repair, 6'-12' Deep Under Turf, Up to 10' Long	$ 2,550.00	$ 17,850.00
21.04	70	LF	8" and 10" Dia. Point Repair, Additional Footage (>10'), 6'-12' Deep Under Turf	$ 118.00	$ 8,260.00
21.09	2	EA	8" and 10" Dia. Point Repair, 6'-12' Deep Under Alleyway, Up to 10' Long	$ 3,500.00	$ 7,000.00
21.10	20	LF	8" and 10" Point Repair, Additional Footage (>10'), 6'-12' Deep Under Alleyway	$ 165.00	$ 3,300.00
21.11	1	EA	8" and 10" Dia. Point Repair, 12'-18' Deep Under Alleyway, Up to 10' Long	$ 4,200.00	$ 4,200.00
21.12	345	LF	8" and 10" Point Repair, Additional Footage (>10'), 12'-18' Deep Under Alleyway	$ 235.00	$ 81,075.00
21.15	7	EA	8" and 10" Dia. Point Repair, 6'-12' Deep Under Pavement, Up to 10' Long	$ 4,600.00	$ 32,200.00
21.16	70	LF	8" and 10" Dia. Point Repair, Additional Footage (>10'), 6'-12' Deep Under Pavement	$ 260.00	$ 18,200.00
21.17	1	EA	8" and 10" Dia. Point Repair, 12'-18' Deep Under Pavement, Up to 10' Long	$ 6,200.00	$ 6,200.00
21.18	60	LF	8" and 10" Dia. Point Repair, Additional Footage (>10'), 12'-18' Deep Under Pavement	$ 385.00	$ 23,100.00
22.37	1	EA	18" Dia. Point Repair, 6'-12' Deep Under Alleyway, Up to 10' Long	$ 2,900.00	$ 2,900.00
22.38	345	LF	18" Dia. Point Repair, Additional Footage (>10'), 6'-12' Deep Under Alleyway	$ 205.00	$ 70,725.00
22.43	1	EA	18" Dia. Point Repair, 6'-12' Deep Under Pavement, Up to 10' Long	$ 4,600.00	$ 4,600.00
22.44	60	LF	18" Dia. Point Repair, Additional Footage (>10'), 6'-12' Deep Under Pavement	$ 345.00	$ 20,700.00
23.02	10	EA	Open Cut Lateral Connection Repair 8" to 10" Dia. Main, 6'-12' Deep Under Turf	$ 2,850.00	$ 28,500.00
23.05	6	EA	Open Cut Lateral Connection Repair 8" to 10" Dia. Main, 6'-12' Deep Under Alleyway	$ 3,500.00	$ 21,000.00
23.08	10	EA	Open Cut Lateral Connection Repair 8" to 10" Dia. Main, 6'-12' Deep Under Pavement	$ 5,200.00	$ 52,000.00
23.10	6	EA	Open Cut Lateral Connection Repair 8" to 10" Dia. Main Completed During an Open Cut Point Repair or Simultaneous Open Cut Lateral Connection Repair	$ 715.00	$ 4,290.00
23.41	100	LF	4" Dia. Sewer Lateral, 0'-6' Deep Under Turf	$ 46.00	$ 4,600.00
23.42	100	LF	4" Dia. Sewer Lateral, 6'-12' Deep Under Turf	$ 51.00	$ 5,100.00
23.45	100	LF	4" Dia. Sewer Lateral, 6'-12' Deep Under Alleyway	$ 71.40	$ 7,140.00
23.46	80	LF	4" Dia. Sewer Lateral, 12'-18' Deep Under Alleyway	$ 102.00	$ 8,160.00
23.48	100	LF	4" Dia. Sewer Lateral, 6'-12' Deep Under Pavement	$ 127.50	$ 12,750.00
24.01	2	EA	8" Dia. Lamphole, Up to 6' Deep	$ 3,575.00	$ 7,150.00
24.03	3	EA	4' Dia. Manhole Under Turf, Up to 8' Deep	$ 4,600.00	$ 13,800.00
24.06	1	FT	4' Dia. Manhole Extra Depth, > 8' Deep	$ 205.00	$ 205.00
24.08	2	EA	5' Dia. Manhole Under Alleyway, Up to 8' Deep	$ 7,150.00	$ 14,300.00
25.13	274.735	CY	Disposal of Lead Contaminated Soil	$ 2.05	$ 563.21
29.00	2	EA	Local Street Closure	$ 775.00	$ 1,550.00
29.01	3	EA	Short Duration Traffic Control for Collector or Arterial	$ 840.00	$ 2,520.00
29.05	2	EA	Short Term Stationary Traffic Control for Collector or Arterial (Two Lane Closure)	$ 1,500.00	$ 3,000.00
30.00	1	%	Performance and Payment Bonds	$ 9,554.46	$ 9,554.46
			WO 2023A Construction Total		**$ 965,000.00**



PURCHASE ORDER EXHIBIT
FOR
WORK ORDER NO. 2023A

COUNCIL BILL NO. 2022-152 ORDINANCE NO

AN ORDINANCE approving a purchase order for Nine Hundred Sixty-five Thousand and 00/100 Dollars ($965,000.00) with Ace Pipe Cleaning, Inc., for the 2022 Evaluation and Rehabilitation Toolbox for Wastewater Collection System Project; authorizing the City Manager or his designee to execute the same by and on behalf of the City of Joplin.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF JOPLIN, as follows:

Section 1. That a purchase order to Ace Pipe Cleaning, Inc., in the amount of Nine Hundred Sixty-five Thousand and 00/100 Dollars ($965,000.00) for the 2022 Evaluation and Rehabilitation Toolbox for Wastewater Collection System Project, a true and accurate copy of said Purchase Order being attached hereto and incorporated as "Exhibit "A," be and the same is hereby approved.

Section 2. That the City Manager of the City of Joplin, Missouri or his designee, is hereby authorized and directed to execute said purchase order described in Section 1 of this Ordinance for and on behalf of the City of Joplin.

Section 3. That upon the final approval and acceptance of the contractor's work under said contract, in substantial conformance with the attached exhibits, in writing by the Director of Public Works and his certification to the effect to the Director of Finance, the contractor shall be paid the sum due there under from Sanitary Sewer Fund No. 415-4542-540-8675.

Passed by the Council of the City of Joplin, Missouri, this _____ day of

_____, 2022 by a _____ vote.

_____

ATTEST: Douglas W. Lawson, Mayor

_____

Holly Nagy, City Clerk

APPROVED AS TO FORM:

_____

Peter C. Edwards, City Attorney

COUNCIL BILL 2022-152

I hereby certify that a sufficient amount is available in the Wastewater Fund to pay the amounts called for on the basis of the bids received by the City Engineer.

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Leslie Haase, Director of Finance