



# Detroit Water and Sewerage Department

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## Legislation Text

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**File #:** 19-00198, **Version:** 1

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The Board of Water Commissioners for the City of Detroit, Water and Sewerage Department authorizes the Director to **enter into Contract No. 6002230 for "Water Improvements for Cornerstone Village (WS-712)" with Ric-Man Construction, Inc., at a cost not to exceed \$18,630,333.50 for a duration of two (2) years**, and also authorizes the Director to take such action necessary to accomplish the intent of this vote.

### **Agenda of July 12, 2019**

#### **Item No. 19-00198**

#### **Proposed Contract No. 6002230**

**Contractor:** Ric-Man Construction, Inc.  
7310 Woodward Avenue, Suite 500  
Sterling Heights, MI 48314

**Contract Amount:** \$18,630,333.50

**Contract Term:** Two (2) years (730 days)

**Anticipated Dates:** 9/1/19 - 8/31/21

**TO:** The Honorable  
Board of Water Commissioners  
City of Detroit, Michigan

**FROM:** Gary Brown, Director  
Water and Sewerage Department

**RE: Proposed DWSD Contract No. 6002230**  
**"Water Improvements for Cornerstone Village (WS-712)"**

### **MOTION**

Upon recommendation of Palencia Mobley, Deputy Director/Chief Engineer, the Board of Water Commissioners for the City of Detroit Water and Sewerage Department authorizes the Director to **enter into Contract No. 6002230 for "Water Improvements for Cornerstone Village (WS-712)" with Ric-Man Construction, Inc., at a cost not to exceed \$18,630,333.50 for a duration of two (2) years**, and also authorizes the Director to take such action necessary to accomplish the intent of this vote.

### **BACKGROUND**

Proposed DWSD Contract No. 6002230 (WS-712) is part of an ongoing distribution piping system water main

replacement program and is the result of extensive condition assessment work completed under Contract No. 6000777 (CS-1812). The work consists of either replacing or lining over 46,000 linear feet of existing 6-inch, 8-inch, 12-inch, and 16-inch water mains that have a history of frequent breaks and high maintenance cost. The work also includes replacement of attendant gate valves and fire hydrants. The aggregate forecasted length of Lead services being replaced with copper within the public right-of-way (ROW) in Cornerstone Village is 20,000 linear feet and 19,800 linear feet on private properties. For this project, lead services replacement costs account for approximately six percent of the contractor's bid. Finally, lead services of one inch and less in diameter are replaced with one-inch copper tube; existing lead services of 1.5-inches and 2-inches diameter are replaced with copper tube of the same diameter.

## JUSTIFICATION

This water main replacement contract is one of a continuing series of contracts that replaces or lines the aged water mains in the City of Detroit having an extensive history of leaks and breaks that have exceeded their intended service life. The new water mains and associated infrastructure will enhance the integrity of DWSD's Water System and ensure quality service to its customers. To protect the health and safety of our customers, existing lead water services are being replaced with copper in both the right-of-way and from curb box to the customer water meter.

The water main replacement work is broken down as follows:

Street	From	To	New Ductile Iron Water (Linear Feet)		
			8-Inch	12-Inch	16-Inch
Moross	Edsel Ford	Alstead	145		
Alstead	Moross	Kingsville	500		
Canyon	Edsel Ford	Rockcastle	455		
Canyon	Mallina	Berden	378		
Berden	Canyon	Moross	378		
Hillcrest	Rolandale	Mack	2790		
Chandler Park	Gateshead	Lannoo	624		
Chandler Park	Lannoo	Moross	565		
Rolandale	Canyon	Moross	500		
Lannoo	Canyon	Linville	596		
Lannoo	Linville	Chandler Park	665		
Canyon	Canyon	Balduck Park	56		
Warren	Warren	Balduck Park	90		
Canyon	Opal	Warren	551		
Canyon	Warren	Mack	500		
Radnor	Frankfort	Mark	2520		
Warren (north)	Farmbrook	Canyon	1325		
Warren (south)	Farmbrook	Canyon		1375	

Farmbrook	Edsel Ford	Chandler Park	3380		
Radnor	Chester	Chandler Park	2557		
Chester	Chester	Marseilles	31		
Chester	Marseilles	Canyon		836	
Chandler Park	Lodewyck	Radnor	524		
Farmbrook	Chandler Park	Cornwall	2675		
Hereford	Minerva	Chandler Park	1548		
Mack	Neff	Hereford	599		
Chester	Chester	Neff	125		
Harper	Harper	Chester		24	
Harper	Harper	Chester			126

WarrenCadiouxGuilford770					
Guilford	Alley	Warren	131		
Woodhall	Chandler Park	Southampton	729		
Warren (north)	Guilford	Woodhall	681		
Warren (north)	Guilford	Woodhall		17	
Guilford	Harper	Chandler Park	2974		
Cadioux	Cadioux	Chandler Park		165	
Chandler Park	Cadioux	Bluehill	501		
Bluehill	Chandler Park	Southampton	707		
Oldtown	Chandler Park	Southampton	635		
Southampton	Oldtown	Bluehill	288		
New York	Cadioux	Guilford	825		
Sioux	Cadioux	Guilford	868		
Cincinnati	Cadioux	End of Street	649		
Waveney	Cadioux	Guilford	641		
Detroit	Cadioux	Guilford	651		
Mack	Moross	Allard		4	640
Rolandale	Rolandale	Kingsville	60		
Linville	Moross	Kingsville	52		
LaFontaine	Canyon	Mack	71		
Anatole	Canyon	Mack	90		
Opal	Canyon	Mack	67		
Radnor	Chandler Park	Southampton	67		

University	Munich	Mack	45		
Cadieux	Warren	New York		12	
		Total:	34809	3203	766
			<b>Lining of Existing Water Mains</b>		
			8-Inch	12-Inch	16-Inch
Roldandale	Moross	Kingsville	465		
Linville	Moross	Kingsville	491		
Lafontaine	Canyon	Mack	1333		
Anatole	Canyon	Warren	963		
Opal	Canyon	Mack	559		
Radnor	Chandler Park	Frankfort	1137		
University	Munich	Mack	1336		
Warren	Cadieux	Guilford	735		
Cadieux	Warren	New York		372	
		Total:	7019	372	
<b>Project Total Piping:</b>			<b>46,169 Linear Feet</b>		

DWSD and CIPMO hosted community meetings in the Cornerstone Village in October 2018 and January 2019. The goal of the meetings was to foster meaningful discussions about the capital improvement projects scheduled in the neighborhood. These meetings were well received by attendees and were attended by residents, business owners and notable stakeholders such as State Representative Tenisha Yancey, State Representative Joe Tate, and Councilman Andre Spivey's Chief of Staff, Keith Jones.

The meeting in October 2018 focused on Green Stormwater Infrastructure improvement and the meeting in January 2019 provided a project overview of water main and sewer pipeline improvements, review of green stormwater infrastructure projects, and the process for lead service line replacements. Attendees at both meetings had the opportunity to ask questions and express concerns about the project.

## PROCUREMENT METHOD

This project was competitively solicited as a Request For Bids (RFB) and advertised on Wednesday, February 13, 2019, on the Michigan Inter-Governmental Trade Network (MITN) website. Notices were sent to 1,930 firms via MITN with 153 firms downloaded the bid package. It was also advertised with the North America Procurement Council, Michigan Minority Contractors Association (MMCA), National Association of Minority Consulting Engineers (NAMCE), Asian Pacific American Chamber of Commerce (APACC), Michigan Hispanic Chamber of Commerce (MHCC), Michigan Black Chamber of Commerce (MBCC), Washtenaw Contractors Association Plan Room, Booker T. Washington Business Association, Michigan Minority Business Development Council, Construction Association of Michigan, Construct Connect, Dodge Data & Analytics, Construction Journal, Builders Exchange of Michigan and Bid Ocean. Eight (8) bulletins were issued during

the course of this bid.

The bids were downloaded from MITN and opened on Wednesday, March 20, 2019.

The engineer's estimate for this contract was \$21,351,000.00.

The following five (5) bids were received:

Bidder	Ric-Man Construction, Inc.	Blaze Contracting Inc.	Lakeshore Global Corporation	Major Cement Co.	L. D'Agostini and Sons, Inc.
Bid Price	\$18,630,333.50	\$18,927,639.75	\$19,990,667.35	\$20,963,750.60	\$20,844,321.21
Equalization(s)	None	None	None	None	None
Percentage Applied	0%	0%	0%	1%	0%
Equalization	\$0.00	\$0.00	\$ 0.00	\$209,637.51	\$0.00
Equalized Bid Amount	\$18,630,333.50	\$18,927,639.75	\$19,990,667.35	\$ 20,754,113.09	\$20,844,321.21

Although Lakeshore Global Corporation and Blaze Contracting, Inc. are both located in Detroit, the Detroit Based Business certificates submitted had expired prior to the bid deadline; therefore, they were not awarded equalization credits as part of the evaluation.

Ric-Man Construction, Inc., as the apparent equalized low bidder, was evaluated and determined to be responsive.

## DETAILS

A.	Contract No.:	6002230
B.	Contract Description:	Water Improvements for Cornerstone Village
C.	Contractor:	Ric-Man Construction, Inc.
D.	Contract Term:	Two (2) Years (730 days) Anticipated Dates: 9/1/19 - 8/31/21
E.	Contract Amount:	\$18,630,333.50
	Bid Subtotal	\$ 16,407,333.50
	Permit Allowance	\$ 203,000.00
	Contaminated Material Allowance	\$ 20,000.00
	<u>Provisional Allowance for Unforeseen Conditions</u>	<u>\$ 2,000,000.00</u>
	<b>Total Contract Amount:</b>	<b>\$ 18,630,333.50</b>

F. Funding Source: CIP

G. GL String:  
5721-20244-487711-617900-900298-30129-0000-000000 - 100%

H. Projected Fiscal Year (FY) Contract Expenditures:

FY 20	\$6,500,000.00
FY 21	\$9,000,000.00
FY 22	\$3,130,333.50

Proposed Contract No. 6002230 for the Water Improvements for Cornerstone Village (WS-712) project was presented to the Finance Committee on July 9, 2019. Per DWSD procurement policy, this will also be presented to City Council after BOWC approval.