



Detroit Water and Sewerage Department

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Legislation Text

File #: 20-0223, **Version:** 1

The Board of Water Commissioners for the City of Detroit, Water and Sewerage Department authorizes the Director to approve **DWSD Contract 6002986 for Project WS-715 with Lakeshore Global Corporation, for Water Improvements for McNichols Evergreen, Miller Grove, Minock Park, Riverdale, Rosedale Park for a total amount not-to-exceed \$9,682,978.08 and a term of 2 years.** This also authorizes the Director to take such other action as may be necessary to accomplish the intent of this vote.

Agenda of September 16, 2020

Item No. 20-0223

Contract No. 6002986 (WS-715)

Contractor: Lakeshore Global Corporation

Address: 7310 Woodward Avenue, Suite 500A, Detroit MI 48202

Contract Amount: \$9,682,978.08

Contract Term: 730 days (2 years) - anticipated Start Date of April 12, 2021

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

FROM: Gary Brown, Director
Detroit Water and Sewerage Department

RE: Proposed DWSD Contract No. 6002986 / Project No. WS-715
Water Improvements for McNichols Evergreen, Miller Grove, Minock Park, Riverdale,
Rosedale Park
Lakeshore Global Corporation

MOTION

Upon recommendation of Mamata Burgi, Procurement Manager, the Board of Water Commissioners for the City of Detroit, Water and Sewerage Department, authorizes the Director to approve **DWSD Contract 6002986 for Project WS-715 with Lakeshore Global Corporation, for Water Improvements for McNichols Evergreen, Miller Grove, Minock Park, Riverdale, Rosedale Park for a total amount not-to-exceed \$9,682,978.08 and a term of 2 years.** This also authorizes the Director to take such other action as

may be necessary to accomplish the intent of this vote.

BACKGROUND / JUSTIFICATION

DWSD Project No. WS-715 is part of an ongoing distribution piping system water main replacement program. The work consists of replacing existing 8-inch diameter water mains at selected locations in Detroit that have a history of frequent breaks and high maintenance cost. Lead services forecasted for replacement are 385 and represents 6.5% of the contractor's bid. The aggregate forecasted length of Lead services being replaced with copper within the public ROW is 10,741 linear feet and 9,785 linear feet on private properties. Additionally, 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.

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 also 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 (Pb) water services are being replaced with copper in both the right-of-way and from the curb box to the customer water meter.

Proposed Contract 6002986, for Project WS-715, will continue the rehabilitation of water main to provide better services to citizens of Detroit and meet the needs of future City Development.

PROJECT OBJECTIVES / COSTS

The objective of the proposed Project WS-715 is to replace existing 8-inch water mains that have a history of leaks and breaks with approximately 25,586 linear feet of 8-inch water main, including 4,390 linear feet of 8-inch lining, 5,956 linear feet of horizontal directional drilling (HDD), and 8,473 linear feet of pipe bursting. Also, whether the pipe is new DI pipe or HDPE pipe, the work includes replacement of all fittings, valves, and hydrants. Finally, existing Lead water services will be replaced with copper from the water main to the customer meter. The number of Lead services forecasted for replacement through this project is 385 and the Lead water service replacement work represents 6.5% of the contractor's bid. The aggregate forecasted length of Lead services being replaced with copper within the public ROW is 10,741 linear feet and 9,785 linear feet on private properties. Should additional Lead services be encountered over the course of the work, they shall also be replaced at the rates established in the Bid Schedule.

The water main replacement work is broken down as follows:

Street	From	To	New Duct		
			8-inc	12-inc	16-inc
Burt Road	Grand River	McNichols	58		
Auburn Street	Outer Drive	Grand River Ave	394		
Minock Street	Fenkell	Grand River Ave	447		
Chalfonte Ave.	Artesian St	Stahelin Ave	137		

Penrod	Lyndon Ave	Eaton Ave	40		
Ridge Rd	Florence Ave	Riverdale	1,151		
Bramell St	Puritan Ave	McNichols	452		
Puritan Ave	Beaverland Ave	Chatham	111		
Lamphere St	Verne Ave	Puritan Ave	450		
Dolphin St	Grove St	Dehner St	176		
Verne Ave	Dolphin St	Lahser	165		
Blackstone St	Grand River Ave	Florence	862		
Puritan	Blackstone St	Burt Rd	58		
Burt Rd	Grand River Ave	Florence St	190		
Pierson St	Grand River Ave	Puritan	1,546		
Braile St	Florence St	Puritan	46		
Patton St	Grand River Ave	Puritan	195		
Southfield Svc Dr	Lyndon Ave	Grand River Dr	124		
Lahser Rd	McNichols Rd	Grove Rd	57		
Lahser Rd	Kessler St	Puritan	30		
Westbrook St	Verne Ave	Puritan	78		
		Total:	6,767	0	

Street	From	To	Lining Exis		
			8-inc	12	16
Southfield Svc Dr	Lyndon Ave	Grand River Dr	2,399		
Lahser Rd	McNichols Rd	Grove Rd	530		
Lahser Rd	Kessler St	Puritan	245		
Westbrook St	Verne Ave	Puritan	1,216		
		Total:	4,390	0	

Street	From	To	New Water		
			8-inc	12	16
Burt Rd	Grand River Ave	McNichols Rd	675		
Chalfonte Ave	Artesian St	Stahelin Rd	276		
Puritan Ave	Beaverland	Chatham	470		
Lamphere St	Verne Ave	Puritan Ave	1,169		
Dolphin St	Grove St	Dehner St	384		
Blackstone St	Grand River Ave	Florence	592		
Burt Rd	Grand River Ave	Florence	817		

Braile	Florence	Puritan Ave	560		
Patton	Grand River Ave	Puritan Ave	1,013		
		Total:	5,956	0	
Street	From	To	New Water		
			8-inc	1216	
Auburn St	Outer Drive	Grand River Ave	2,937		
Minock St	Fenkell	Grand River Ave	1,758		
Penrod St	Lyndon Ave	Eaton	730		
Bramell St	Puritan Ave	McNichols Rd	2,058		
Verne Ave	Dolphin St	Lahser	488		
Puritan Ave	Blackstone St	Burt Road	502		
		Total:	8,473	0	
Project Total Piping:			25,586 Linear Feet		

This is a State of Michigan Drinking Water Revolving Fund (DWRP) project and Federal requirements must be met for Disadvantaged Business Enterprises (DBE) and Davis-Bacon. With regard to DBE participation, prime contractors who bid on a DWRP-funded water main projects and who intend to use subcontractors must demonstrate good-faith procurement outreach efforts for Disadvantaged Business Enterprises (DBE) during the bidding period, which involves soliciting at least three disadvantaged subcontractors per trade, and documenting these efforts in the DBE forms found in the DWRP portion of the bid document specifications. The DBE forms and supporting documents were included in the successful bidder's package in order to comply with DWRP program requirements.

PROCUREMENT METHOD

This contract was procured through a Request for Bids (RFB) per Requisition #478277 and was advertised on the Michigan Inter-Governmental Trade Network (MITN) website for 33 calendar days. MITN published this opportunity to 1,415 companies and 122 firms downloaded the bid package.

The Engineer's Estimate for this work is \$12,017,382.02. Six (6) bids were received:

Bidder	Total Bid Price	Equalizations	Equalization Credits	Equalized Bid Total
Lakeshore Global Corp.	\$9,682,978.08	N/A	\$0.00	\$9,682,978.08
L. D'Agostini & Sons	\$9,951,465.00	N/A	\$0.00	\$9,951,465.00
Bricco Excavating Co	\$10,658,950.00	N/A	\$0.00	\$10,658,950.00
Major Cement Co.	\$11,964,846.00	N/A	\$0.00	\$11,964,846.00
Bidigare Contractors, Inc	\$12,283,053.00	N/A	\$0.00	\$12,283,053.00

Murphy Pipeline Contractors, Inc.	\$13,974,455.00	N/A	\$0.00	\$13,974,455.00
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Although Lakeshore global is located in Detroit, their DBB certification expired on 6/19/2020; therefore, equalization credits were not applied.

Based on the information above, it is recommended that the contract be awarded to the lowest equalized responsive and responsible bidder, Lakeshore Global Corporation.

Lakeshore's clearances expire on 10/29/2020 and they have submitted all required forms, bonds and signed the contract.

SUMMARY

- A. Contract No.: 6002986
- B. Contractor: Lakeshore Global Corporation
- C. Contract Term: 730 days (2 years) anticipated start date of April 12, 2021
- D. Contract Amount: \$9,682,978.08
- E. Fiscal Year Breakdown: FY 20-21: \$2,500,000.00
FY 21-22: \$6,000,000.00
FY 22-23: \$1,182,978.08
- F. Funding Source: State of Michigan Revolving Drinking Water Fund
- G. GL String: 5721-20244-487711-617900-900319-30129-0000-000000 - 100%

This proposed contract was presented to the DWSD Finance Committee on September 2, 2020. Per the DWSD Procurement Policy, Post-FRC review will also be obtained.