



## Memo

---

**File #:** 19-23

**Agenda Date:** 1/17/2023

---

**TO:** Mayor and City Council

**FROM:** James V. Capparelli, City Manager

**SUBJECT:**

Award of Contract for the Black Road Acres Phase I Water Main Improvement Project to Len Cox & Sons Excavating in the amount of \$4,652,581.16

**BACKGROUND:**

On January 5, 2021, the Mayor and City Council approved Resolution 7613, committing to water conservation through the reduction of non-revenue water in order to comply with the allocation requirements of the Level of Lake Michigan Act, 615 ILCS 50, and the corresponding State regulations. A condition of the City's Lake Michigan water allocation permit is completion of the City's Non-Revenue Water Reduction Plan. A major component of this Plan is water main replacement. The water main replacement, estimated at approximately 3% per year, must be sufficient to achieve the reduction of non-revenue water from the City's water system to not more than 10 percent by the year 2030.

As part of this water main replacement plan, the Black Road Acres Phase 1 Water Main Improvements Project was identified to be completed in 2023. This project consists of replacing approximately 15,500 linear feet of water main in various sizes on Westnedge Road (Mason Avenue to Taylor Street); Springfield Avenue (Black Road to Glenwood Avenue); Madison Street (Arden Place to Glenwood Avenue); Arden Place (Springfield Avenue to Bevan Drive W); Mason Avenue / Douglas Street / Taylor Street (Westnedge Road to Madison Street); Avalon Avenue (Westnedge Road to dead end, Springfield Avenue to Madison Street); Mayfield Avenue (Westnedge Road to Springfield Avenue); West Acres Road (Springfield Avenue to Madison Street).

Also included in the scope of this construction project is sanitary sewer point repairs and lead water service replacements. The sanitary sewer in the project area was televised and reviewed to identify any needed point repairs that will be completed in conjunction with the water main work. An estimated quantity of lead water service replacements was also included in the project bid. If lead water services are encountered during the project, they will be replaced, and these costs will be charged to the Phase IV lead water service line replacement program for which the City has secured State Revolving Fund financing with 100% principal forgiveness.

Design drawings and bidding documents were prepared and the invitation to bid for the project was advertised in the Joliet Herald-News on Thursday, October 27, 2022. The Public Service Committee reviewed this memo at the January 3, 2023 meeting and recommended for approval by Full Council.

**CONCLUSION:**

On Wednesday, December 14, 2022 at 2:00 p.m., six (6) sealed bids were received for the Black Road Acres Phase 1 Water Main Improvements Project. The bid summary is as follows:

<u>CONTRACTOR</u>	<u>BID AMOUNT</u>
Len Cox & Sons Excavating, Crest Hill, IL	\$4,652,581.16*
Construction by Camco, Inc., Joliet, IL	\$4,854,303.13*
Austin Tyler Construction, Inc., Elwood, IL	\$5,168,228.91
Trine Construction, St. Charles, IL	\$5,542,054.05*
P.T. Ferro Construction Co., Joliet, IL	\$5,931,271.47
Steve Spiess Construction Inc., Frankfort, IL	\$6,085,365.30*
Engineer's Estimate	\$5,359,000.00

\* denotes corrected amount after mathematical errors were corrected

The low bid from Len Cox & Sons Excavating, in the amount of \$4,652,581.16, is 13.18% below the engineer's estimate. Len Cox & Sons Excavating has previously completed similar work for the City and completed this work to the City's satisfaction.

Funds will be charged to the Water Main Replacement Fund (Org 53880000, Object 557200, \$4,620,145.83), Lead Phase IV Fund (Org 53680000, Object 557200, \$1,805.33), and Sewer Collection Fund (Org 50180020, Object 557200, \$30,630.00).

**RECOMMENDATION:**

Based on the above, it is recommended that the Mayor and City Council award the Contract for the Black Road Acres Phase 1 Water Main Improvements Project, in the amount of \$4,652,581.16, to Len Cox & Sons Excavating.