

Department of Public Works

Bureau of Engineering
Report No. 1

May 24, 2024
CD No. 11

ADOPTED BY THE BOARD
PUBLIC WORKS OF THE CITY
of Los Angeles California

MAY 24 2024


Executive Officer
Board of Public Works

APPROVE CONSTRUCTION BUDGET AND ISSUE CONSTRUCTION ORDERS AND CHANGE ORDERS TO MNR CONSTRUCTION, INC. FOR THE SUPER EXPEDITED WASTEWATER EMERGENCY REHABILITATION FOR SEWERS PROGRAM - 83RD STREET (7200), AND 83RD STREET (7200A), (WORK ORDER NOS. SWC07226 AND SWC07227, CONTRACT NO. C-140016)

RECOMMENDING THE BOARD OF PUBLIC WORKS (BOARD):

1. AUTHORIZE a combined construction budget of \$883,800 including contingency for the Super Expedited Wastewater Emergency Rehabilitation for Sewers Program (SEWERS) - 83rd Street (7200) and 83rd Street (7200A) (Projects).
2. AUTHORIZE the City Engineer to issue construction orders and change orders up to the authorized construction budget for this Project.

TRANSMITTALS

1. Copy of the Bureau of Engineering (BOE) and the Bureau of Contract Administration (BCA) Joint Report No. 1, adopted February 25, 2022, approving the selection of the three qualified contractors for the seventh round of the SEWERS contract.
2. Copy of Bid Result Summary Sheet and Schedule of Work and Prices.

DISCUSSION

Background

On February 25, 2022, the Board awarded three identical SEWERS contracts to Matthew and Stewart Company, Inc. (MASCO), MNR Construction, Inc. (MNR), and Tomovich & Associates (Tomovich), as the qualified, lowest bid price contractors to establish the seventh round of the SEWERS Pre-Qualified Contractors List with a not-to-exceed cost ceiling of \$45 million and a contract duration of five years (Transmittal No. 1). These contracts were attested by the City Clerk on March 23, 2022.

The intent of the SEWERS contract is for the expedited repair of sewers as identified by LA Sanitation and Environment (LASAN) during its ongoing sewer assessment and maintenance program. Expedited repair of damaged sewer facilities is necessary to provide uninterrupted service, reduce the potential for sewer spills, protect public and private property, and ensure public health and safety. The SEWERS Program is under the seventh contract developed since the program's inception in 2003 and is a unit price contract which is an alternative to the time and material payment method normally used with the emergency on-call contracts.

Work is issued to each of the three SEWERS contractors through a series of construction orders. For each construction order, the City Engineer typically selects the contractor with the lowest quantity take off. The City Engineer has authority to issue each construction order for a total cost of up to \$150,000. Each construction order issued as part of the SEWERS Program requires final inspection and final field acceptance by a BCA inspector.

Combined 83rd Street (7200) and 83rd Street (7200A) Projects

The Project's Urgency-Expedite Requests Nos. 230615 and 230621 were issued by LASAN on June 8, 2023, and June 13, 2023, respectively. The requests consist of two separate sewer reaches that end at the same downstream maintenance hole located at the intersection of Lincoln Boulevard (CA-1) and 83rd Street. The reaches have obstructed drop connections and LASAN requested they be removed and replaced.

The SWC07226 83rd Street (7200) project is located on 83rd Street, northeast of Lincoln Boulevard (CA-1). The existing 8-inch concrete sewer is about 18 feet deep, 128 linear feet long, and was constructed in 1930 (Figure No. 1). The upstream maintenance hole number is 563-02-003 and the downstream maintenance hole number is 563-02-009. There is a drop connection at the downstream maintenance hole. The depth of the drop pipe is approximately 26 feet.



Figure No. 1 - Project Location, Scope of Work and Aerial Map

The SWC07227 83rd Street (7200A) project is located on 83rd Street, southwest of Lincoln Boulevard (CA-1). The existing 8-inch concrete sewer is about 21 feet deep, 194 linear feet long, and was constructed in 1942 (Figure No. 2). The upstream maintenance hole number is 563-02-024 and the downstream maintenance hole number is 563-02-009. There is a drop connection at the downstream maintenance hole. The depth of the drop pipe is approximately 26 feet.

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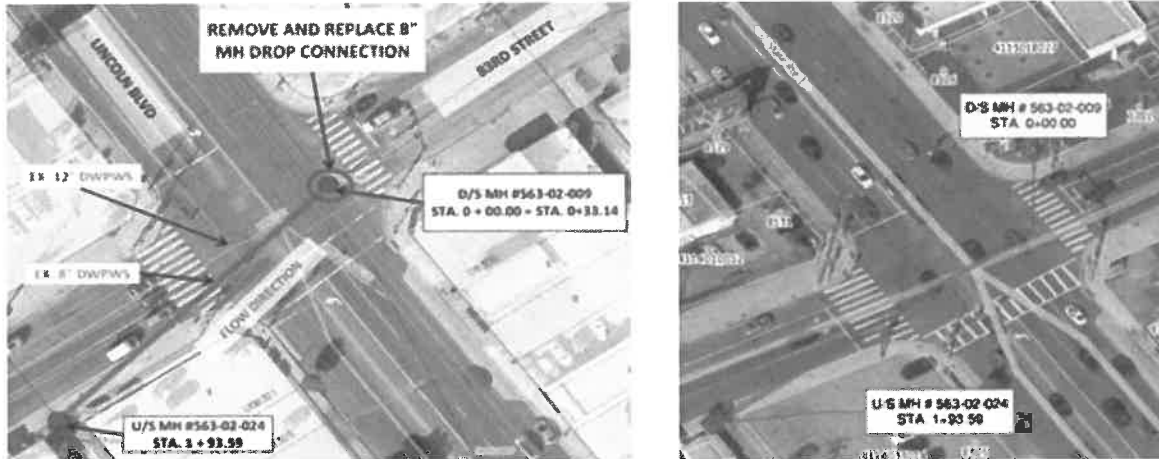


Figure No. 2 - Project Location, Scope of Work and Aerial Map

Due to both drop connections terminating at Maintenance Hole No. 563-02-009, the two projects, SWC07226 - 83rd Street (7200) and SWC07227 - 83rd Street (7200), were combined and solicited for bids from all three of the SEWERS contractors. The combined project required non-fixed prices due to major utility crossings at multiple locations along the pipe and special shoring required due to the depths of the pipes.

The Project's Schedule of Work and Prices estimate was generated with applicable fixed price and non-fixed price bid items and calculated quantities. Based on the Schedule of Work and Prices and cost proposals received for non-fixed price bid items on October 27, 2023, MNR was the lowest bidder of \$736,500 followed by Tomovich's \$827,790 (Figure No. 3). MASCO did not provide a bid by the required deadline (Transmittal No. 2).

City of Los Angeles • Bureau of Engineering
Wastewater Conveyance Construction
BID SUMMARY BREAKDOWN



PROJECT TITLE: SEWERS7 - 83RD STREET (7200), 83RD STREET (7200A)
WORK ORDER NO: SWC07226, SWC07227

DEADLINE

DATE: FRIDAY, OCTOBER 27, 2023
TIME: 2:00 P.M.

PROJECT TITLE	MNR	TOMOVICH	MASCO
SWC07226 - 83rd Street (7200)	\$ 368,250.00	\$ 527,915.00	\$ -
SWC07227 - 83rd Street (7200A)	\$ 368,250.00	\$ 299,875.00	\$ -
TOTAL BID AMOUNT	\$ 736,500.00	\$ 827,790.00	\$ -

Figure No. 3 - Bid Summary Breakdown for the SWC07226
83rd Street (7200) and SWC07227 - 83rd Street (7200A) projects

MNR was the lowest bidder for the combined cost of both projects. The two Projects are combined to maximize the effectiveness of the shoring design, traffic control plans, and the California Department of Transportation (Caltrans) permit approval. A combined contingency of \$147,300 brings the total requested construction budget to \$883,800, which exceeds the City Engineer's construction order authority of \$150,000 (Figure No. 4).

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Wastewater Conveyance Construction
CONSTRUCTION BUDGET SUMMARY SHEET



PROJECT TITLE: SEWERS7 - 83RD STREET (7200), 83RD STREET (7200A)
WORK ORDER NO: SWC07226, SWC07227

PROJECT	WORK ORDER	NET COST	CONTINGENCIES	CONSTRUCTION BUDGET
83rd Street (7200)	SWC07226	\$ 368,250.00	\$ 73,650.00	\$ 441,900.00
83rd Street (7200A)	SWC07227	\$ 368,250.00	\$ 73,650.00	\$ 441,900.00
TOTAL:		\$ 736,500.00	\$ 147,300.00	\$ 883,800.00

Figure No. 4 - Cost Summary Breakdown for the SWC07226
83rd Street (7200) and SWC07227 - 83rd Street (7200A) projects

Therefore, it is requested to approve a combined construction budget of \$883,800 and to authorize the City Engineer to issue revised construction orders and change orders up to the authorized construction budget for this Project.

STATUS OF FUNDING

There is no impact to the General Fund. The total funding for this project is not-to-exceed \$883,800. No funding is required this fiscal year. Funding sources may include, but are not limited to, the Fund No. 760, Sewers Operations and Maintenance Fund.

Funds and appropriations for future fiscal years are not yet identified and existing appropriations may change based on available cash balances. Therefore, funds and appropriations will be determined by the Director and General Manager of the LASAN.

Funding as of the date of this board report has been verified and approved by the Director of the Office of Accounting subject to terms and conditions and cash availability described above.

The City of Los Angeles' (City)'s liability under this contract shall only be to the extent of the present City appropriation to fund the contract. However, if the City shall appropriate funds for any succeeding years, the City's liability shall be extended to the extent of such appropriation, subject to the terms and conditions of the contract.

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(RMT RMK AM)

Report reviewed by:

BOE (ADM) and BOS (FMD)

Report prepared by:

Wastewater Conveyance
Construction Division

Ryan M. Toles, PE
Division Engineer
Phone No.: (213) 485-1481

Respectfully submitted,

The image shows a professional engineer's seal for Ted Allen, PE, City of Los Angeles. The seal is circular and contains the text "ENGINEERING" at the top, "CITY OF LOS ANGELES" at the bottom, and "TED ALLEN, PE" in the center. There is a signature over the seal.

Ted Allen, PE
City Engineer

Statement as to Funds Approved by:

The image shows a handwritten signature of Miguel De La Pena.

Miguel De La Pena, Director
Office of Accounting
760/50/50YP82 \$883,800
Date: 5/1/2024

RMT/WH/02-2024-0022_WCC.pnc

Questions regarding this report
may be referred to:
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