

Department of Public Works

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

Bureau of Engineering
Bureau of Sanitation
Joint Report No. 1

OCT 02 2024


Executive Officer
Board of Public Works

October 2, 2024
CD No. 13

APPROVE CONSTRUCTION BUDGET AND ISSUE CONSTRUCTION ORDERS AND CHANGE ORDERS TO TOMOVICH & ASSOCIATES FOR THE SUPER EXPEDITED WASTEWATER EMERGENCY REHABILITATION FOR SEWERS PROGRAM - SANTA MONICA BOULEVARD RIGHT-OF-WAY (4100) PROJECT, (WORK ORDER NO. SZC14276, CONTRACT NO. C-140017)

RECOMMENDING THE BOARD OF PUBLIC WORKS (BOARD):

1. AUTHORIZE a construction budget of \$475,000 including contingency for the Super Expedited Wastewater Emergency Rehabilitation for Sewers Program (SEWERS) - Santa Monica Boulevard right-of-Way (R/W) (4100) Project (Project).
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 Joint Report No.1, adopted on 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.
3. Copy of Approved Request for Commissioner's Emergency Authority.

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 in 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 Bureau of Contract Administration inspector.

Santa Monica Boulevard R/W (4100) Project

The Project's Urgency-Expedite Request No. 230118 was issued by LASAN on January 11, 2023. The request consists of three separate sewer reaches that are found to have pipeline fractures, multiple pipeline cracks, severe root intrusion, and severely corroded Maintenance Hole channels. A Sanitary Sewer Overflow incident has also occurred at this location. The 6-inch mainline sewer had an approximate 56 gallons of back up due to a blockage caused by root intrusion resulting in sewage overflow. LASAN placed these sewer reaches on a quarterly cleaning schedule to prevent future sewer spills until a repair could be performed.

This project is located partially in the public R/W at Santa Monica Boulevard and within a sewer easement between Santa Monica Boulevard and Manzanita Street in a residential area of the East Hollywood neighborhood of Los Angeles as shown in Figure Nos. 1, 2, and 3. The existing three 6-inch vitrified clay pipes (VCP) are approximately seven feet deep, a combined length of 264 feet, and were originally constructed in 1922. There is also an existing 19 feet deep drop connection at Maintenance Hole No. 494-01-128.

The project team initially investigated relocating the three sewer reaches out of the private property easement and into the public R/W along Manzanita Street in order to avoid conflicts with buildings constructed over the easements and slope stability concerns. The relocation was eventually deemed infeasible due to challenges and costs associated with establishing reconnections for each impacted property. It was eventually decided to use pipe bursting in order to replace and upsize the existing reaches.

October 2, 2024
Page 3



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

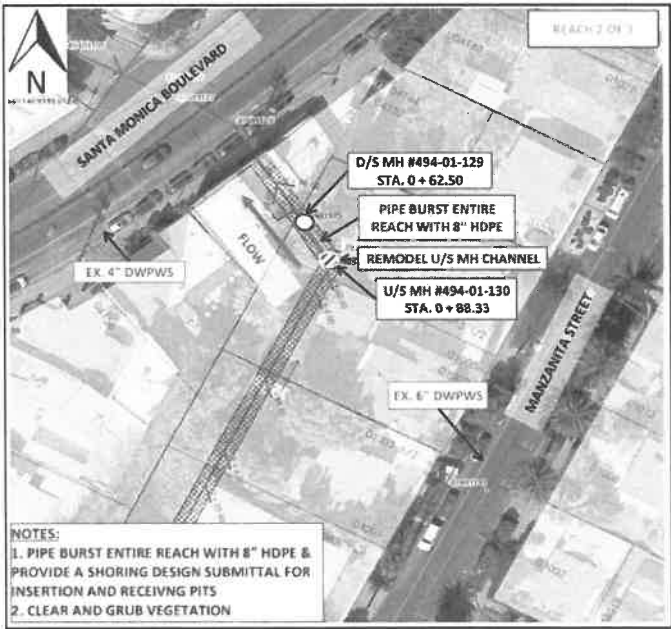


Figure No. 2 - Sewer Reach 2 | Project Location, Scope of Work and Aerial Map

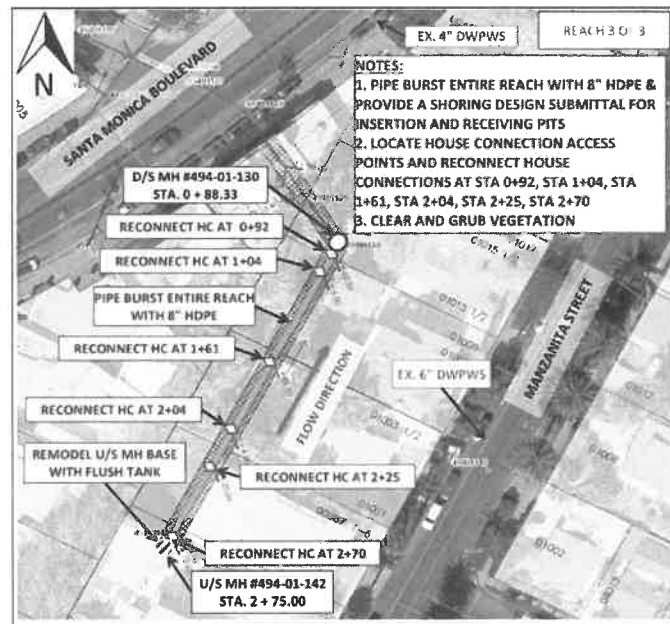


Figure No. 3 - Sewer Reach 3 | Project Location, Scope of Work and Aerial Map

The proposed project is to remove a total of 264 linear feet of the existing 6-inch VCP and replace it with 8-inch High-Density Polyethylene (HDPE) pipe for the following three sewer reaches: (Reach No. 1) Downstream Maintenance Hole (D/S MH) No. 494-01-128 to the Upstream Maintenance Hole (U/S MH) No. 494-01-129; (Reach No. 2) D/S MH No. 494-01-129 to the U/S MH No. 494-01-130; (Reach No. 3) D/S MH No. 494-01-130 to the U/S MH No. 494-01-142, restore a combined total of eight house connection laterals, remodel one terminal maintenance hole channel base, remodel three maintenance hole channel bases, and remove and replace one drop maintenance hole connection.

The sewer replacement work could not be performed with a traditional open trench method due to dense natural vegetation, trees, building structures, and steep grade of the existing ground. Due to the cost of removing and replacing the existing physical obstructions, natural vegetation, and certain building structures constructed over portions of the sewer alignment, a pipe bursting method was selected to replace the sewer reach with 8-inch HDPE pipe for each reach. Pipe bursting is a trenchless construction method by which an existing pipeline is broken and forced outward by a hydraulic or pneumatic expansion head to create space for a new pipeline that is concurrently pulled in from behind. This trenchless method significantly reduces physical impacts with existing above-surface improvements than traditional remove and replace trench work.

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 February 21, 2024, Tomovich's was the lowest bidder of \$395,511 (Transmittal No. 2) followed by MASCO's \$443,847.50 and lastly MNR's \$555,571 (Figure No. 4). A contingency of \$79,489 brings

Department of Public Works
Bureau of Engineering
Bureau of Sanitation
Joint Report No.

October 2, 2024
Page 5

the total requested construction budget to \$475,000, which exceeds the City Engineer's construction order authority of \$150,000.

An email to BOE's Liaison Commissioner was sent on March 20, 2024 to request emergency authority to issue construction orders exceeding \$150,000 to the SEWERS7 contractor, Tomovich & Associates, for the project SEWERS7- Santa Monica Boulevard R/W (4100), Work Order No, SZC14276. This request included a construction budget of \$475,000 including contingency and authority to complete the project. The authority was granted on March 28, 2024 (Transmittal No. 3).

City of Los Angeles • Bureau of Engineering
Wastewater Conveyance Construction

BID SUMMARY SHEET



PROJECT TITLE: SEWERS7 - SANTA MONICA BOULEVARD R/W (4100)
WORK ORDER NO: SZC14276

DEADLINE

DATE: WEDNESDAY, FEBRUARY 21, 2024

TIME: 3:00 PM

PROJECT TITLE	REACH	MNR	TOMOVICH	MASCO
SZC14276 - Santa Monica Boulevard R/W (4100)	1	\$199,854.00	\$161,996.00	\$149,863.00
	2	\$88,888.00	\$34,113.00	\$144,092.50
	3	\$266,829.00	\$199,402.00	\$149,892.00
TOTAL:		\$555,571.00	\$395,511.00	\$443,847.50

Figure No. 4 - Bid Summary Results and Breakdown for the SZC14276 – Santa Monica Boulevard R/W (4100) Project

Therefore, it is requested to approve a construction budget of \$475,000.00 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 \$475,000. Funding in the amount of \$475,000 is available in the Budget Fiscal Year 2025, Fund No. 761, Sewer Capital Fund, Department No. 50, Appropriation Unit No. 50AA93, Emergency Sewer Replacement

Joint Report No. 1

Page 6

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 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'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.

(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

Statement as to Funds Approved by:


Miguel De La Pena, Director
Office of Accounting
Fund Ref: 2025/761/50/50AA93 \$475,000
Date: 9/13/20

RMT:G 06/20/24-0183 WCC:Doc

Questions regarding this report
may be referred to:
Cristian Guerrero, PE, Senior Civil Engineer
Phone No.: (213) 485-4686
Email: cristian.guerrero@lacity.org

Respectfully submitted,


ENGINEERING
CITY OF LOS ANGELES

Ted Allen, PE
City Engineer
Bureau of Engineering



Barbara Romero
Director and General Manager
Bureau of Sanitation

Department of Public Works

Bureau of Engineering
Bureau of Contract Administration
Joint Report No. 1

February 25, 2022
CD Nos. All

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

FEB 25 2022


Executive Officer
Board of Public Works

REQUEST TO APPROVE THE SELECTION OF THREE QUALIFIED CONTRACTORS FOR THE SUPER EXPEDITED WASTEWATER EMERGENCY REHABILITATION FOR SEWERS CONTRACT SERIAL NO. 7 - WORK ORDER No. SZC13955

RECOMMENDING THE BOARD OF PUBLIC WORKS (BOARD):

1. APPROVE Matthew and Stewart Company, Inc., MNR Construction, Inc., and Tomovich & Associates, as the respective qualified, lowest bid price contractors to provide sewer repairs of urgent necessity under the Super Expedited Wastewater Emergency Rehabilitation for Sewers Contract Serial No. 7 (SEWERS7) contract for a not-to-exceed cost ceiling of \$45 million with a duration of five years.
2. AUTHORIZE the President or two members of the Board to execute signed contracts received from the three approved contractors and forward the three contracts to the City Clerk for attestation.

TRANSMITTALS

1. Copy of the Bureaus of Engineering (BOE) and Contract Administration (BCA) Joint Report No. 1, adopted on August 25, 2021, authorizing the City Engineer to advertise and issue the SEWERS7 Request for Qualifications (RFQ)
2. Copy of the Statement of Qualifications (SOQ) Review Summary.
3. Copy of the draft contract to be transmitted to each of the qualified contractors approved by the Board.

DISCUSSION

Background

The LA Sanitation and Environment (LASAN) is responsible for the operation and maintenance of the City of Los Angeles (City) sewer system. Although LASAN typically performs preventive maintenance and repairs to the City's sewer system, many repairs of urgent necessity are beyond the capacity of LASAN maintenance forces due to the extent and complexity of the work required. It is essential to maintain the sewer system in operational condition through expedient repairs to protect public health and safety. The SEWERS program has allowed for making timely and cost-effective repairs to keep the wastewater collection system operational since its inception in 2003. The SEWERS7 contract is the seventh contract to be developed under the SEWERS program.

This is a unit price contract which is intended for the repair of existing sewer lines by removal, replacement, and rehabilitation by trenchless methods. It is intended that this contract will be used for expedited repair of sewers as identified by the LASAN during the ongoing sewer assessment and maintenance program. This contract is an alternative to the time and material payment method normally used with emergency on-call contracts. The contractors submit unit prices for each component of the expected work as outlined in the Contractors' Documents from the RFQ/SOQ Package and will be paid accordingly. Work will be issued to each of the three SEWERS7 contractors through a series of construction orders.

For each construction order, the City Engineer will select the contractor with the lowest quantity take-off (QTO) estimate. For a given construction order scope of work, the City Engineer inputs a list of applicable bid items and respective bid item quantities into the BOE's QTO estimating program. The program generates a QTO estimate for each contractor, as well as a price comparison summary for purposes of selecting the contractor with the lowest QTO estimate.

Each SEWERS7 contractor will generally be assigned up to six active construction orders at any given time. If the lowest-priced contractor is actively mobilized to six projects at a given time, new construction orders may be assigned to the contractor with the subsequent-lowest estimated price.

Each construction order will require final inspection and final field acceptance by the BCA Inspector. Upon completion of the SEWERS7 contract duration, the contract will be presented to the Board for acceptance. The BOE will monitor and manage this contract. The not-to-exceed contract ceiling for this contract is \$45,000,000 with a duration of five years.

RFQ

On August 25, 2021 the Board authorized the City Engineer to advertise a RFQ to establish a SEWERS7 Contractors List (SEWERS7 List) (Transmittal No. 1). The RFQ was advertised on the Los Angeles Business Assistance Virtual Network (LABAVN) on September 1, 2021. A mandatory virtual pre-submittal meeting was held on September 14, 2021, with advance notification via LABAVN. Fourteen contractors attended the pre-submittal meeting. All contractors that submitted SOQ attended the pre-submittal meeting. The SOQ packages were required to be submitted to the BOE by November 3, 2021, at 2:00 p.m. SOQ packages were received by the required date and time from the following four contractors listed below in alphabetical order:

1. Grbcon, Inc.
2. Matthew and Stewart Company, Inc.
3. MNR Construction, Inc.
4. Tomovich & Associates

February 25, 2022
Page 3

SOQ Review

The SOQ review was performed by an evaluation team consisting of members from both the BOE and the BCA. Each team member independently scored the contractor submittals in accordance with the selection criteria set forth in the RFQ. The submitted packages were evaluated for completeness and compliance with the mandatory submittal requirements such as: appropriate State contractor licenses, bonding and insurance capacity, experience with sewer and storm drain construction, contracting experience with the City, compliance with City standards, etc. All qualifying SOQ packages were then *ranked based on their lowest (after applying the Local Business Preference) total bid amount as determined by the SOQ's Bid Evaluation Workbook (BEW).*

Four of the four SOQ packages qualified and met the submittal requirements. The top three contractors are ranked below based on their total bid price as determined by the SOQ's BEW:

Table 1: SOQ and Bid Evaluation Summary		
Bid No.	Contractor Name	Bid Amount
Lowest Bid	Matthew and Stewart Company, Inc.	\$155,116,091.05
2nd Lowest Bid	MNR Construction, Inc.	\$160,089,460.23
3rd Lowest Bid	Tomovich & Associates	\$165,467,784.49

All of the above contractors submitted a complete SOQ package indicating their technical qualifications and ability to perform urgent necessity repairs of the City's wastewater collection system.

MNR Construction, Inc., second low bidder, listed their Pay Factors and Total Bid Amount incorrectly. The BOE staff corrected MNR Construction, Inc.'s Pay Factors and Total Bid Amount in accordance with the procedures set forth in the City's standard bidding procedures. MNR Construction, Inc. was contacted and notified of the correction. The correction changed MNR Construction, Inc. from the first low bidder to the second low bidder and Matthew and Stewart Company, Inc. from the second low bidder to first low bidder. The correction did not change the ranking of Tomovich & Associates as the third low bidder in Table 1.

Work references provided by the contractors were contacted and verified. The SOQ Review Summary reflects in detail the evaluation and ranking of the contractor's SOQ by the BOE and the BCA (Transmittal No. 2).

Business Inclusion Program (BIP)

On August 25, 2021, the Board waived the BIP Outreach Requirement as the emergency nature of the work does not lend itself to subcontracting (Transmittal No. 1).

The SEWERS7 Contractors are encouraged to solicit Minority Business Enterprise (MBE), Woman Business Enterprise (WBE), Small Business Enterprise (SBE), Emerging Business Enterprise (EBE), Disabled Veteran Business Enterprise (DVBE), and Other Business Enterprise (OBE) sub-bids whenever subcontracting opportunities and time permits.

The contracts shall require the BCA to approve and monitor subcontractor usage on urgent necessity sewer projects and the contractors will be required to submit a Final Subcontracting Report within 15 days of issuance of the Statement of Completion of each project. Failure to make timely and complete payments to all subcontractors will result in a penalty of no more than 10 percent of the final subcontract amount and possible sanctions, including removal from the SEWERS7 List.

Local Business Preference (LBP) Program

City Ordinance No. 181910 adopted the LBP Program. This program is designed to increase local employment and expenditures in the local private sector. Businesses that qualified as a Local Business Enterprise (LBE) were granted an 8 percent reduction of their bid amount solely for bid evaluation purposes.

The preference allowed by the Ordinance for the utilization of LBE subcontractors was not applied to the SEWERS 7 evaluation process because actual subcontractor utilization could not be pledged until after the contracts are executed and construction orders are assigned for specific work.

For this SEWERS7 List, staff has verified that all three firms are certified LBEs.

Contractor Performance Evaluation

In accordance with Article 13, Chapter 1, Division 10 of the City Administrative Code (L.A.A.C.), the Project Manager and the City Inspector for this construction contract shall submit Contractor Performance Evaluation Reports to the BCA upon completion of this contract.

Peak Hour Construction and Right-of-Way Obstruction Regulations

All contractors must comply with the requirements specified in the Los Angeles Municipal Code Section 62.61 related to peak hour traffic restrictions, unless an exemption from the Peak Traffic Hours Prohibition is approved.

Contractor Responsibility Ordinance

All contractors participating in this program are subject to compliance with the requirements specified in the City of Los Angeles' Contractor Responsibility Ordinance No. 173677 (Article 14, Chapter 1, Division 10, L.A.A.C.). Failure to comply with all the requirements specified in the Ordinance may render the bidder's contract subject to termination pursuant to the conditions expressed therein.

February 25, 2022
Page 5

Compliance with the City's Non-Discrimination Policies

All three contractors have complied with the Affirmative Action, Non-Discrimination, and Equal Employment Practices Provisions, Equal Benefits Ordinance, First Source Hiring Ordinance, Contractors' Use of Criminal History for Consideration of Employment Applications Ordinance, Living Wage Ordinance, Worker Retention Ordinance, Slavery Disclosure Ordinance, and Disclosure of Border Wall Contracting Ordinance requirements.

City Attorney Approval

Mr. Edward Jordan of the City Attorney's office has reviewed and approved the draft contracts as to form (Transmittal No. 3).

Program Review Committee (PRC) Approval

The PRC approved a not-to-exceed cost ceiling of \$45,000,000 for these contracts at the meeting held on October 14, 2020.

Conclusion

It is therefore recommended that Matthew and Stewart Company, Inc., MNR Construction, Inc., and Tomovich & Associates, be offered a five-year contract for signature and return to the City Engineer, and that the President or two members of the Board be authorized to execute the three contracts. The new five-year contracts will take effect on the date that the contracts are fully executed and will expire five years from that date.

STATUS OF FUNDING

There is no impact to the General Fund. The total funding for this contract is not-to- exceed \$45,000,000. Funding for Fiscal Year 2021-22 in the amount of \$2,600,000 is available in the Sewer Capital Fund, Fund No. 761, Appropriation Unit No. 50TA93 and funding in the amount of \$1,400,000 is available in the Sewer Operations and Maintenance Fund, Fund No. 760, Appropriation Unit No. 50VP82. The remaining funds will be budgeted within the Sewer Construction and Maintenance Fund in future years.

However, 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, once identified by the Director of LASAN or his/her designee, will be reviewed and certified by the Director of the Office of Accounting or his/her designee, as to the status and availability of funding.

The 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 to the extent of such appropriation, subject to the terms and conditions of the contract.

Joint Report No. 1

Page 6

(RMT GV RMK AM)

Report reviewed by:

Respectfully submitted,

BOE (ADM and PAC)



Report prepared by:

Gary Lee Moore, PE, ENV SP
City Engineer
Bureau of Engineering

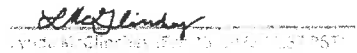
Wastewater Conveyance
Construction Division

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



Compliance review performed
and approved by:

John L. Reamer, Jr.
Inspector of Public Works
Bureau of Contract Administration


Lynda McGlinchey, PE, ENV SP

Lynda McGlinchey, Program Manager II
Office of Contract Compliance
Bureau of Contract Administration

Statement as to Funds Approved by:



Miguel De La Peña, Director
Office of Accounting
Fund Ref. 761/50TA93/\$2,600,000
760/50VP82/\$1,400,000

Date: 2/14/2022

RMT/DV/12-2021-0191_WCC.lk

Questions regarding this
report may be referred to:
David Ventura, Project Manager
Phone No. (213) 485-1429
E-mail: david.ventura@lacity.org

City of Los Angeles • Bureau of Engineering
Wastewater Conveyance Construction

BID SUMMARY SHEET



PROJECT TITLE: SEWERS7 - SANTA MONICA BOULEVARD R/W (4100)
WORK ORDER NO: SZC14276

DEADLINE

DATE: WEDNESDAY, FEBRUARY 21, 2024

TIME: 3:00 PM

CONTRACTOR		TOTAL BID AMOUNT
1	TOMOVICH & ASSOCIATES	\$395,511.00
2	MATTHEW & STEWART CO., INC.	\$443,847.50
3	MNR CONSTRUCTION INC.	\$555,571.00

LOWEST BID

CONTRACTOR: TOMOVICH & ASSOCIATES

BID AMOUNT: \$395,511.00

TOMOVICH & ASSOCIATES

BID AMOUNT

\$395,511.00

ESTIMATED SCHEDULE OF WORK AND PRICES
REPAIR QUANTITIES MAY CHANGE BASED ON ACTUAL FIELD CONDITIONS

**SEWERS7 - PROJECT TITLE: SEWERS7 -
SANTA MONICA BOULEVARD R/W (4100)**

CD: 13

WORK ORDER #:

DATE PREPARED:

13

SZC14276


2/20/2024

ENGINEERING



CITY OF LOS ANGELES

ENGINEERING



CITY OF LOS ANGELES

SEWERS7 - PROJECT TITLE: SEWERS7 -

SANTA MONICA BOULEVARD R/W (4100)

13

SZC14276

2/20/2024

CD:

WORK ORDER #:

DATE PREPARED :

REPAIR CLASSIFICATION	
X	FULL REACH (M/TOM/H)
	SPOT REPAIR (LONG)
	SPOT REPAIR (SHORT)
	REHAB

B.I. NO.	BID ITEM DESCRIPTION	B.I. PAY FACTOR	PAY FACTOR DESCRIPTION	UNIT	% CAP COST	% O&M COST	QTY ORIGINAL QTY	Tomovich & Associates		
								FACTOR	UNIT PRICE	
503	MOBILIZATION AND DEMOBILIZATION			EA	100%	0%	1	\$	1,000.00	\$ 1,000.00
711	19 TO 26 FEET DEEP, SHORING DESIGN			EA	100%	0%	1	\$	3,000.00	\$ 3,000.00
754	19 TO 26 FEET DEEP, REMOVE AND REPLACE DROP MH CONNECTION 10-INCH PIPE			EA	100%	0%	1	\$	21,000.00	\$ 21,000.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE			EA	100%	0%	2	\$	500.00	\$ 1,000.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	883	DIFFICULTY PAY FACTOR, SLOPE GREATER THAN 15%	EA	100%	0%	1	1.5	\$ 250.00	\$ 250.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	885	DIFFICULTY PAY FACTOR, WORK BY HAND	EA	100%	0%	1	1.75	\$ 375.00	\$ 375.00
880	CCTV SEWER, MIN. 200 LF/DAY (INCLUDES MOBILIZATION)			LF	100%	0%	59	\$	4.00	\$ 236.00
A	REMOVE EXISTING 6-INCH VCP TO UPSIZE AND REPLACE WITH 8-INCH HDPE BY PIPE BURSTING METHOD FROM STA. 0+62.50 (U/S MH) TO STA. 0+00.00 (D/S MH) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET FOR INSERTION AND RECEIVING PITS (LS)			LS	100%	0%	1		\$74,860.00	\$74,860.00
B	LOCATE HOUSE CONNECTION ACCESS POINTS AND RECONNECT HOUSE CONNECTIONS AT STA. 0+54 AND STA. 0+36 BENEATH A BUILDING AFTER PIPE BURSTING (APPROX. DEPTH OF 6 TO 12 FEET) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET (LS)			LS	100%	0%	1		\$49,275.00	\$49,275.00
C	CLEARING AND GRUBBING VEGETATION (LS)			LS	100%	0%	1		\$6,000.00	\$6,000.00
D	TEMPORARY TRAFFIC CONTROL (LS)			LS	100%	0%	1		\$5,000.00	\$5,000.00
TOTAL BID PRICE: \$161,996.00										
Capital Cost: \$										
O&M Cost: \$										

ESTIMATED SCHEDULE OF WORK AND PRICES

REPAIR QUANTITIES MAY CHANGE BASED ON ACTUAL FIELD CONDITIONS

TITLE: SEWERS7 - PROJECT TITLE: SEWERS7 -
SANTA MONICA BOULEVARD R/W (4100)

CD: 13

WORK ORDER #: SZC14276

DATE PREPARED : 2/20/2024



REPAIR CLASSIFICATION	
X	FULL REACH (MHTOMH)
	SPOT REPAIR (LONG)
	SPOT REPAIR (SHORT)
	REHAB

B.I. NO.	BID ITEM DESCRIPTION	B.I. PAY FACTOR	PAY FACTOR DESCRIPTION	UNIT	% CAP COST	% O&M COST	QTY ORIGINAL QTY	Tomovich & Associates	
								FACTOR	UNIT PRICE
503	MOBILIZATION AND DEMOBILIZATION			EA	100%	0%	1		\$ 1,000.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	883	DIFFICULTY PAY FACTOR, SLOPE GREATER THAN 15%	EA	100%	0%	1	1.5	\$ 250.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	885	DIFFICULTY PAY FACTOR, WORK BY HAND	EA	100%	0%	1	1.75	\$ 375.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE			EA	100%	0%	1		\$ 500.00
880	CCTV SEWER, MIN. 200 LF/DAY (INCLUDES MOBILIZATION)			LF	100%	0%	22		\$ 4.00
A	REMOVE EXISTING 6-INCH VCP TO UPSIZE AND REPLACE WITH 8-INCH HDPE BY PIPE BURSTING METHOD FROM STA. 0+88.33 (U/S MH) TO STA. 0+62.50 (D/S MH) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 to 12 FEET FOR INSERTION AND RECEIVING PITS (LS)			LS	100%	0%	1		\$24,900.00
B	CLEARING AND GRUBBING VEGETATION (LS)			LS	100%	0%	1		\$4,500.00
C	TEMPORARY TRAFFIC CONTROL (LS)			LS	100%	0%	1		\$2,500.00
TOTAL BID PRICE: \$ \$34,113.00									
Capital Cost: \$									
O&M Cost: \$									

Tomovich & Associates



ESTIMATED SCHEDULE OF WORK AND PRICES

REPAIR QUANTITIES MAY CHANGE BASED ON ACTUAL FIELD CONDITIONS

TITLE: SEWERS7 - PROJECT TITLE: SEWERS7 -
SANTA MONICA BOULEVARD R/W (4100)

CD: 13**WORK ORDER #:** SZC14276**DATE PREPARED :** 2/20/2024

REPAIR CLASSIFICATION	
X	FULL REACH (MHTOMH)
	SPOT REPAIR (LONG)
	SPOT REPAIR (SHORT)
	REHAB

B.I. NO.	BID ITEM DESCRIPTION	B.I. PAY FACTOR	PAY FACTOR DESCRIPTION	UNIT	% CAP COST	% O&M COST	QTY ORIGINAL QTY	Tomovich & Associates	
								FACTOR	UNIT PRICE
503	MOBILIZATION AND DEMOBILIZATION			EA	100%	0%	1	\$	1,000.00
814	REMODEL MH BASE W/ FLUSH TANK 8-INCH THRU 24-INCH PIPE	883	DIFFICULTY PAY FACTOR, SLOPE GREATER THAN 15%	EA	100%	0%	1	1.5	750.00
814	REMODEL MH BASE W/ FLUSH TANK 8-INCH THRU 24-INCH PIPE	885	DIFFICULTY PAY FACTOR, WORK BY HAND	EA	100%	0%	1	1.75	1,125.00
814	REMODEL MH BASE W/ FLUSH TANK 8-INCH THRU 24-INCH PIPE			EA	100%	0%	1		1,500.00
880	CCTV SEWER, MIN. 200 LF/DAY (INCLUDES MOBILIZATION)			LF	100%	0%	183		4.00
A	REMOVE EXISTING 6-INCH VCP TO UPSIZE AND REPLACE WITH 8-INCH HDPE BY PIPE BURSTING METHOD FROM STA. 2+75.00 (U/S MH) TO STA. 0+88.33 (D/S MH) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET FOR INSERTION AND RECEIVING PITS (LS)			LS	100%	0%	1		\$98,845.00
B	LOCATE HOUSE CONNECTION ACCESS POINTS AND RECONNECT HOUSE CONNECTIONS AT STA. 0+92, STA. 1+04, STA. 1+61, STA. 2+04, STA. 2+25 AND STA. 2+70 AFTER PIPE BURSTING (APPROX. DEPTH OF 6 TO 12 FEET) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET (LS)			LS	100%	0%	1		\$84,950.00
C	CLEARING AND GRUBBING VEGETATION (LS)			LS	100%	0%	1		\$6,000.00
D	TEMPORARY TRAFFIC CONTROL (LS)			LS	100%	0%	1		\$4,500.00
TOTAL BID PRICE: \$ \$199,402.00									
Capital Cost: \$									
O&M Cost: \$									

Tomovich & Associates

MATTHEW & STEWART CO., INC.

BID AMOUNT

\$443,847.50

ESTIMATED SCHEDULE OF WORK AND PRICES

REPAIR QUANTITIES MAY CHANGE BASED ON ACTUAL FIELD CONDITIONS

TITLE: SEWERS7 - PROJECT TITLE: SEWERS7 -
SANTA MONICA BOULEVARD R/W (4100)

CD:

13

WORK ORDER #:

SZC14276

DATE PREPARED :

2/20/2024



REPAIR CLASSIFICATION	
X	FULL REACH (MHTOMH)
	SPOT REPAIR (LONG)
	SPOT REPAIR (SHORT)
REHAB	

B.I. NO.	BID ITEM DESCRIPTION	B.I. PAY FACTOR	PAY FACTOR DESCRIPTION	UNIT	% CAP COST	% O&M COST	QTY	Matthew & Stewart Co., Inc.	
								ORIGINAL QTY	UNIT PRICE
503	MOBILIZATION AND DEMOBILIZATION			EA	100%	0%	1	1	\$ 1,250.00 \$
711	19 TO 26 FEET DEEP, SHORING DESIGN			EA	100%	0%	1	1	\$ 2,000.00 \$
754	19 TO 26 FEET DEEP, REMOVE AND REPLACE DROP MH CONNECTION 10-INCH PIPE			EA	100%	0%	1	1	\$ 12,000.00 \$
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE			EA	100%	0%	2	2	\$ 2,250.00 \$
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	883	DIFFICULTY PAY FACTOR, SLOPE GREATER THAN 15%	EA	100%	0%	1	1.25	\$ 562.50 \$
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	885	DIFFICULTY PAY FACTOR, WORK BY HAND	EA	100%	0%	1	2.5	\$ 3,375.00 \$
880	CCTV SEWER, MIN. 200 LF/DAY (INCLUDES MOBILIZATION)			LF	100%	0%	59	59	\$ 2.50 \$
A	REMOVE EXISTING 6-INCH VCP TO UPSIZE AND REPLACE WITH 8-INCH HDPE BY PIPE BURSTING METHOD FROM STA. 0+62.50 (U/S MH) TO STA. 0+00.00 (D/S MH) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET FOR INSERTION AND RECEIVING PITS (LS)			LS	100%	0%	1	1	\$78,528.00 \$78,528.00
B	LOCATE HOUSE CONNECTION ACCESS POINTS AND RECONNECT HOUSE CONNECTIONS AT STA. 0+54 AND STA. 0+36 BENEATH A BUILDING AFTER PIPE BURSTING (APPROX. DEPTH OF 6 TO 12 FEET) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET (LS)			LS	100%	0%	1	1	\$46,000.00 \$46,000.00
C	CLEARING AND GRUBBING VEGETATION (LS)			LS	100%	0%	1	1	\$500.00 \$500.00
D	TEMPORARY TRAFFIC CONTROL (LS)			LS	100%	0%	1	1	\$1000.00 \$1000.00
TOTAL BID PRICE: \$									\$ 149,863.00
Capital Cost: \$									
O&M Cost: \$									
Matthew and Stewart Co 2/21/2024									

Bruce Flowers

Addendum No 1 & 2

Matthew and Stewart Co 2/21/2024

ESTIMATED SCHEDULE OF WORK AND PRICES

REPAIR QUANTITIES MAY CHANGE BASED ON ACTUAL FIELD CONDITIONS

TITLE: SEWERS7 - PROJECT TITLE: SEWERS7 -
SANTA MONICA BOULEVARD R/W (4100)

CD: 13
WORK ORDER #: SZC14276
DATE PREPARED : 2/20/2024



REPAIR CLASSIFICATION	
X	FULL REACH (MHTOMH)
	SPOT REPAIR (LONG)
	SPOT REPAIR (SHORT)
	REHAB

B.I. NO.	BID ITEM DESCRIPTION	B.I. PAY FACTOR	PAY FACTOR DESCRIPTION	UNIT	% CAP COST	% O&M COST	QTY ORIGINAL QTY	Matthew & Stewart Co., Inc.	
								FACTOR	UNIT PRICE
503	MOBILIZATION AND DEMOBILIZATION			EA	100%	0%	1		\$ 1,250.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	883	DIFFICULTY PAY FACTOR, SLOPE GREATER THAN 15%	EA	100%	0%	1	1.25	\$ 562.50
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	885	DIFFICULTY PAY FACTOR, WORK BY HAND	EA	100%	0%	1	2.5	\$ 3,375.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE			EA	100%	0%	1		\$ 2,250.00
880	CCTV SEWER, MIN. 200 LF/DAY (INCLUDES MOBILIZATION)			LF	100%	0%	22		\$ 2.50
A	REMOVE EXISTING 6-INCH VCP TO UPSIZE AND REPLACE WITH 8-INCH HDPE BY PIPE BURSTING METHOD FROM STA. 0+88.33 (U/S MH) TO STA. 0+62.50 (D/S MH) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 to 12 FEET FOR INSERTION AND RECEIVING PITS (LS)			LS	100%	0%	1		\$135,600.00
B	CLEARING AND GRUBBING VEGETATION (LS)			LS	100%	0%	1		\$500.00
C	TEMPORARY TRAFFIC CONTROL (LS)			LS	100%	0%	1		\$500.00
TOTAL BID PRICE: \$ \$144,092.50									
Capital Cost: \$									
O&M Cost: \$									

Matthew and Stewart Co 2/21/2024
Addendum No 1 & 2
Bruce Flowers

ESTIMATED SCHEDULE OF WORK AND PRICES

REPAIR QUANTITIES MAY CHANGE BASED ON ACTUAL FIELD CONDITIONS

TITLE:

SEWERS7 - PROJECT TITLE: SEWERS7 -
SANTA MONICA BOULEVARD R/W (4100)

CD:

13

WORK ORDER #:

SZC14276

DATE PREPARED :

2/20/2024



REPAIR CLASSIFICATION	
X	FULL REACH (MHTOMH)
	SPOT REPAIR (LONG)
	SPOT REPAIR (SHORT)
	REHAB

B.I. NO.	BID ITEM DESCRIPTION	B.I. PAY FACTOR	PAY FACTOR DESCRIPTION	UNIT	% CAP COST	% O&M COST	QTY ORIGINAL QTY	Matthew & Stewart Co., Inc.	
								FACTOR	SUBTOTAL
503	MOBILIZATION AND DEMOBILIZATION			EA	100%	0%	1	\$	1,250.00 \$ 1,250.00
814	REMODEL MH BASE W/ FLUSH TANK 8-INCH THRU 24-INCH PIPE	883	DIFFICULTY PAY FACTOR, SLOPE GREATER THAN 15%	EA	100%	0%	1	1.25 \$	562.50 \$ 562.50
814	REMODEL MH BASE W/ FLUSH TANK 8-INCH THRU 24-INCH PIPE	885	DIFFICULTY PAY FACTOR, WORK BY HAND	EA	100%	0%	1	2.5 \$	3,375.00 \$ 3,375.00
814	REMODEL MH BASE W/ FLUSH TANK 8-INCH THRU 24-INCH PIPE			EA	100%	0%	1	\$	2,250.00 \$ 2,250.00
880	CCTV SEWER, MIN. 200 LF/DAY (INCLUDES MOBILIZATION)			LF	100%	0%	183	\$	2.50 \$ 457.50
A	REMOVE EXISTING 6-INCH VCP TO UPSIZE AND REPLACE WITH 8-INCH HDPE BY PIPE BURSTING METHOD FROM STA. 2+75.00 (U/S MH) TO STA. 0+88.33 (D/S MH) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET FOR INSERTION AND RECEIVING PITS (LS)			LS	100%	0%	1	\$82,647.00	\$82,647.00
B	LOCATE HOUSE CONNECTION ACCESS POINTS AND RECONNECT HOUSE CONNECTIONS AT STA. 0+92, STA. 1+04, STA. 1+61, STA. 2+04, STA. 2+25 AND STA. 2+70 AFTER PIPE BURSTING (APPROX. DEPTH OF 6 TO 12 FEET) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET (LS)			LS	100%	0%	1	\$57,350.00	\$57,350.00
C	CLEARING AND GRUBBING VEGETATION (LS)			LS	100%	0%	1	\$1,500.00	\$1,500.00
D	TEMPORARY TRAFFIC CONTROL (LS)			LS	100%	0%	1	\$500.00	\$500.00
TOTAL BID PRICE: \$ \$149,892.00									
Capital Cost: \$									
O&M Cost: \$									

Matthew and Stewart Co 2/21/2024

Addendum No 1 & 2

Bruce Flowers

MNR CONSTRUCTION INC.

BID AMOUNT

\$555,571.00

ESTIMATED SCHEDULE OF WORK AND PRICES
REPAIR QUANTITIES MAY CHANGE BASED ON ACTUAL FIELD CONDITIONS
TITLE:

SEWERS7 - PROJECT TITLE: SEWERS7 -
SANTA MONICA BOULEVARD R/W (4100)

CD: 13
WORK ORDER #: SZC14276
DATE PREPARED : 2/20/2024



REPAIR CLASSIFICATION	
X	FULL REACH (MHTOMH)
	SPOT REPAIR (LONG)
	SPOT REPAIR (SHORT)
	REHAB

B.I. NO.	BID ITEM DESCRIPTION	B.I. PAY FACTOR	PAY FACTOR DESCRIPTION	UNIT	% CAP COST	% O&M COST	QTY ORIGINAL QTY	MNR Construction, Inc.	
								FACTOR	SUBTOTAL
503	MOBILIZATION AND DEMOBILIZATION			EA	100%	0%	1	\$	2,500.00 \$ 2,500.00
711	19 TO 26 FEET DEEP, SHORING DESIGN			EA	100%	0%	1	\$	10,000.00 \$ 10,000.00
754	19 TO 26 FEET DEEP, REMOVE AND REPLACE DROP MH CONNECTION 10-INCH PIPE			EA	100%	0%	1	\$	37,700.00 \$ 37,700.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE			EA	100%	0%	2	\$	2,300.00 \$ 4,600.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	883	DIFFICULTY PAY FACTOR, SLOPE GREATER THAN 15%	EA	100%	0%	1	2 \$	2,300.00 \$ 2,300.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	885	DIFFICULTY PAY FACTOR, WORK BY HAND	EA	100%	0%	1	1.5 \$	1,150.00 \$ 1,150.00
880	CCTV SEWER, MIN. 200 LF/DAY (INCLUDES MOBILIZATION)			LF	100%	0%	59	\$	6.00 \$ 354.00
A	REMOVE EXISTING 6-INCH VCP TO UPSIZE AND REPLACE WITH 8-INCH HDPE BY PIPE BURSTING METHOD FROM STA. 0+62.50 (U/S MH) TO STA. 0+00.00 (D/S MH) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET FOR INSERTION AND RECEIVING PITS (LS)			LS	100%	0%	1		\$74,425.00 \$74,425.00
B	LOCATE HOUSE CONNECTION ACCESS POINTS AND RECONNECT HOUSE CONNECTIONS AT STA. 0+54 AND STA. 0+36 BENEATH A BUILDING AFTER PIPE BURSTING (APPROX. DEPTH OF 6 TO 12 FEET) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET (LS)			LS	100%	0%	1		\$51,825.00 \$51,825.00
C	CLEARING AND GRUBBING VEGETATION (LS)			LS	100%	0%	1		\$10,000.00 \$10,000.00
D	TEMPORARY TRAFFIC CONTROL (LS)			LS	100%	0%	1		\$5,000.00 \$5,000.00
TOTAL BID PRICE: \$									\$199,854.00
Capital Cost: \$									
O&M Cost: \$									

2/21/2024

ESTIMATED SCHEDULE OF WORK AND PRICES

REPAIR QUANTITIES MAY CHANGE BASED ON ACTUAL FIELD CONDITIONS

TITLE: SEWERS7 - PROJECT TITLE: SEWERS7 -
SANTA MONICA BOULEVARD R/W (4100)

CD: 13
WORK ORDER #: SZC14276
DATE PREPARED : 2/20/2024



REPAIR CLASSIFICATION	
X	FULL REACH (MHTOMH)
	SPOT REPAIR (LONG)
	SPOT REPAIR (SHORT)
	REHAB

B.I. NO.	BID ITEM DESCRIPTION	B.I. PAY FACTOR	PAY FACTOR DESCRIPTION	UNIT	% CAP COST	% O&M COST	QTY ORIGINAL QTY	MNR Construction, Inc.	
								FACTOR	UNIT PRICE
503	MOBILIZATION AND DEMOBILIZATION			EA	100%	0%	1		\$ 2,500.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	883	DIFFICULTY PAY FACTOR, SLOPE GREATER THAN 15%	EA	100%	0%	1	2	\$ 2,300.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE	885	DIFFICULTY PAY FACTOR, WORK BY HAND	EA	100%	0%	1	1.5	\$ 1,150.00
813	REMODEL MH BASE 8-INCH THRU 24-INCH PIPE			EA	100%	0%	1		\$ 2,300.00
880	CCTV SEWER, MIN. 200 LF/DAY (INCLUDES MOBILIZATION)			LF	100%	0%	22		\$ 6.00
A	REMOVE EXISTING 6-INCH VCP TO UPSIZE AND REPLACE WITH 8-INCH HDPE BY PIPE BURSTING METHOD FROM STA. 0+88.33 (U/S MH) TO STA. 0+62.50 (D/S MH) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET FOR INSERTION AND RECEIVING PITS (LS)			LS	100%	0%	1		\$39,626.00
B	CLEARING AND GRUBBING VEGETATION (LS)			LS	100%	0%	1		\$38,880.00
C	TEMPORARY TRAFFIC CONTROL (LS)			LS	100%	0%	1		\$2,000.00
TOTAL BID PRICE: \$									\$88,888.00
Capital Cost: \$									
O&M Cost: \$									

John 2/21/2024

ESTIMATED SCHEDULE OF WORK AND PRICES

REPAIR QUANTITIES MAY CHANGE BASED ON ACTUAL FIELD CONDITIONS

TITLE: SEWERS7 - PROJECT TITLE: SEWERS7 -
SANTA MONICA BOULEVARD R/W (4100)

CD:

13

WORK ORDER #:

SZC14276

DATE PREPARED :

2/20/2024



REPAIR CLASSIFICATION	
X	FULL REACH (MHTOMH)
	SPOT REPAIR (LONG)
	SPOT REPAIR (SHORT)
	REHAB

B.I. NO.	BID ITEM DESCRIPTION	B.I. PAY FACTOR	PAY FACTOR DESCRIPTION	UNIT	% CAP COST	% O&M COST	QTY ORIGINAL QTY	MNR Construction, Inc.	
								FACTOR	UNIT PRICE
503	MOBILIZATION AND DEMOBILIZATION			EA	100%	0%	1		\$ 2,500.00
814	REMODEL MH BASE W/ FLUSH TANK 8-INCH THRU 24-INCH PIPE	883	DIFFICULTY PAY FACTOR, SLOPE GREATER THAN 15%	EA	100%	0%	1	2	\$ 3,800.00
814	REMODEL MH BASE W/ FLUSH TANK 8-INCH THRU 24-INCH PIPE	885	DIFFICULTY PAY FACTOR, WORK BY HAND	EA	100%	0%	1	1.5	\$ 1,900.00
814	REMODEL MH BASE W/ FLUSH TANK 8-INCH THRU 24-INCH PIPE			EA	100%	0%	1		\$ 3,800.00
880	CCTV SEWER, MIN. 200 LF/DAY (INCLUDES MOBILIZATION)			LF	100%	0%	183		\$ 6.00
A	REMOVE EXISTING 6-INCH VCP TO UPSIZE AND REPLACE WITH 8-INCH HDPE BY PIPE BURSTING METHOD FROM STA. 2+75.00 (U/S MH) TO STA. 0+88.33 (D/S MH) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET FOR INSERTION AND RECEIVING PITS (LS)			LS	100%	0%	1		\$124,545.00
B	LOCATE HOUSE CONNECTION ACCESS POINTS AND RECONNECT HOUSE CONNECTIONS AT STA. 0+92, STA. 1+04, STA. 1+61, STA. 2+04, STA. 2+25 AND STA. 2+70 AFTER PIPE BURSTING (APPROX. DEPTH OF 6 TO 12 FEET) PROVIDE A SHORING DESIGN SUBMITTAL FOR DEPTH OF 6 TO 12 FEET (LS)			LS	100%	0%	1		\$115,186.00
C	CLEARING AND GRUBBING VEGETATION (LS)			LS	100%	0%	1		\$12,000.00
D	TEMPORARY TRAFFIC CONTROL (LS)			LS	100%	0%	1		\$2,000.00
TOTAL BID PRICE: \$									\$266,829.00
Capital Cost: \$									
O&M Cost: \$									

John
2/21/2021



im Marie Jaime < im.jaime@lacity.org>

Fwd: ESR - Santa Monica BI RW (4100 Bloc)- Work Order No. SZC14276

1 message

Armen Dermenjian <armen.dermenjian@lacity.org>

Wed, Apr 24, 2024 at 4:24 PM

To: Kim Marie Jaime <kim.jaime@lacity.org>

----- Forwarded message -----

From: **Teresa Villegas** <teresa.villegas@lacity.org>

Date: Thu, Mar 28, 2024, 4:09 PM

Subject: Re: ESR - Santa Monica BI RW (4100 Block)- Work Order No. SZC14276

To: Cristian Guerrero <cristian.guerrero@lacity.org>

Cc: Alfred Mata <alfred.mata@lacity.org>, Ryan Toles <ryan.toles@lacity.org>, Regina Young <regina.young@lacity.org>,

Julie Allen <julie.allen@lacity.org>, Kwasi Berko <kwasi.berko@lacity.org>, Gerald Watson <gerald.watson@lacity.org>,

Azya Jackson <azyajackson@lacity.org>, Emilia Der Sarkissian <emilia.dersarkissian@lacity.org>, Ted Allen

<ted.allen@lacity.org>, Armen Dermenjian <armen.dermenjian@lacity.org>

Thank you please proceed with the work. I have one question - will the work we are doing prevent a blockage, seeing that this is the second time we are addressing this issue in four years.

Thanks,
Teresa



Teresa Villegas
Vice President
Los Angeles City Board of Public Works
213.978.0255 Office
teresa.villegas@lacity.org
www.lacity.org

On Wed, Mar 20, 2024 at 8:26 PM Cristian Guerrero <cristian.guerrero@lacity.org> wrote:

Hello Commissioner Villegas,

Per LASAN Work Request No. 230118, three (3) separate sewer reaches were found to have pipeline fractures, multiple pipeline cracks, severe root intrusion, and severely corroded Maintenance Hole (MH) channels.

A Sanitary Sewer Overflow occurred in October of 2020 at this location. The 6-inch mainline sewer had an approximate 56 gallons of back up due to a blockage caused by root intrusion. LASAN has since placed these sewer reaches on a quarterly cleaning schedule to prevent future spills until repairs can be performed.

Field investigations were conducted to explore the possibility of relocating the three sewer reaches from private property easements to the public right of way along Manzanita Street. It was eventually determined that relocating the reaches was not feasible. Additionally, due to dense natural vegetation, trees, building structures, and steep terrain, the full removal and replacement of these sewer reaches

sing traditional open trench methods would be impractical. Consequently, a pipe bursting method was identified as the most viable approach for rehabilitating the sewer reaches.

The proposed project is to remove a total of 264 linear feet of the existing 6-inch VCP and replace it with 8-inch High-Density Polyethylene (HDPE) pipe for the following three sewer reaches: (Reach No. 1) Downstream Maintenance Hole (D/S MH) 494-01-128 to the Upstream Maintenance Hole (U/S MH) 494-01-129, (Reach No. 2) Downstream Maintenance Hole (D/S MH) 494-01-129 to the Upstream Maintenance Hole (U/S MH) 494-01-130, (Reach No. 3) Downstream Maintenance Hole (D/S MH) 494-01-130 to the Upstream Maintenance Hole (U/S MH) 494-01-142, restore a combined total of eight (8) house connection laterals, remodel one terminal maintenance hole channel base, remodel three (3) maintenance hole channel bases, and remove and replace one drop MH connection.

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, TOMOVICH was the lowest bidder of \$395,511 followed by MASCO's and MNR's bids of \$443,847.50 and \$555,571, respectively (see attached bid results).

This email is to request emergency authority to issue construction orders exceeding \$150,000 to the SEWERS7 contractor, **Tomovich & Associates**, for the project **SEWERS7-SANTA MONICA BOULEVARD R/W (4100), Work Order No. SZC14276**. A construction budget of **\$475,000.00** including contingency, has been estimated to complete the scope of work.

Construction for the sewer's scope of work above is anticipated to start on April 2, 2024 for an estimated duration of 70 calendar days pending approval of this request. BOE is requesting emergency authorization to direct the contractor to begin the project due to a history of sewer spill with the three sewer reaches and LASAN has been maintaining a quarterly cleaning schedule on the three reaches to prevent further spills. The associated Board Report is being prepared and will be processed promptly upon your authorization.

Funding will come from the **SEWERS Program (Sewer Capital Fund)**. The project is located in **Council District 13**. The Council office staff has been informed about this project.

Please let me know if you have any questions.



Reach 1-3 Project Photos.pdf

--
Cristian Guerrero, P.E.

Wastewater Conveyance Construction Division | Senior Civil Engineer

Bureau of Engineering | Department of Public Works

1149 S. Broadway, Los Angeles, CA 90015

Mail Stop 538

O: (213) 485-4686 | F: (213) 485-4590

cristian.guerrero@lacity.org

ENGINEERING

