FIND the Emergency Sewer Repair North Outfall Sewer (NOS) Rehab Unit 12-Phase 4 Project (Project) an urgent necessity and AUTHORIZE a construction budget of $4,147,700 for the repair of the Project.

AUTHORIZE the Director and General Manager of LA Sanitation and Environment (LASAN) to request the City Engineer to AWARD this Project to the lowest responsive and responsible bidder, Spiniello Companies, in compliance with established procedures of the On-Call Emergency Sewer and Storm Drain Repair (On-Call ESR) Contract.

AUTHORIZE the Director and General Manager of LASAN to request the City Engineer to ISSUE construction orders and revised construction orders for up to the authorized construction budget for this project to Spiniello.

TRANSMITTALS


2. Copy of confirming email from the BOE Liaison Commissioner, Jessica M. Caloza, dated May 1, 2020, approving to advertise this Project.

3. City Engineer Estimate and Bids received from six bidders on June 11, 2020.

DISCUSSION

Background
The BOE administers the On-Call ESR Contractor’s List to facilitate timely and efficient repairs to damaged or failed sewer and storm drain facilities for the protection of property and the environment. The crucial nature of emergencies makes it essential for a list of contractors to be available to make timely repairs in the event of a critical sewer or storm drain failure to protect public health and safety.
On October 30, 2017, the Board approved the On-Call ESR Contractor’s List of 22 qualified contractors based on the evaluation criteria set forth in the Request for Qualifications and authorized the City Engineer to transmit and execute Contract Agreements as needed (Transmittal No. 1). The current term of the On-Call ESR Contract is set for five years and current contracts will expire on November 15, 2022.

The Capital Improvement Project (CIP) NOS Rehabilitation Unit 12 – Duvall to Humboldt (Work Order No. SZC13106) was established in June 2015 (Figure No. 1). The original scope included rehabilitation of approximately 1,300 feet of the 54-inch semi-elliptical sewer and 1,480 feet of the 48-inch diameter circular reinforced concrete sewer. These sewers were constructed in the 1930s and are in poor condition. This segment of the NOS runs underneath the railroad tracks and the 110 Freeway, passes through private properties, the City of Los Angeles (City) properties, and the Metrolink Central Maintenance Facility (CMF).

On October 17, 2018, the closed-circuit television inspection by LASAN showed a severely corroded section of the NOS with a missing section of the crown (Figure No. 2) at approximately 150 feet to 175 feet downstream of Maintenance Hole 495-05-098 located at Avenue 19 and the Arroyo Seco confluence with the Los Angeles River.

On November 5, 2018, the BOE was requested by LASAN to initiate ESR procedures to stabilize the section of damaged NOS located downstream of the Maintenance Hole 495-05-098 near the intersection of the 5 Freeway and the 110 Freeway, and underneath the active railroad tracks.
Subsequently, the CIP NOS Rehab Unit 12 project was divided into several phases. Phase 1 was to construct a bypass system with a wet well near San Fernando Road and Avenue 19 to divert the flow into the North East Interceptor Sewer in order to eliminate the level of hydrogen sulfide gases, therefore reducing further sewer pipe corrosion under the railroad track.

Phase 2 was to rehabilitate 1,300 feet of the 54-inch semi-elliptical sewer and 150 feet of the 48-inch circular sewer by Reinforced Polymer Mortar Pipe. Phase 3 was to rehabilitate approximately 730 feet of the 48-inch circular sewer by Cured-In-Place Pipe (CIPP). Phase 1 to Phase 3 were constructed under a separate emergency contract (Work Order No. SZC13696).

During the construction of Phase 1 to Phase 3, the LASAN and the BOE staff determined that the remaining 600 feet of the 48-inch circular sewer (from the San Fernando Wet Well to Maintenance Hole 495-05-077 located in the Metrolink CMF) should be rehabilitated immediately as Phase 4 (Figure No. 3) due to its poor condition. Due to the potential sewer failure, rehabilitation of this section was deemed an urgent necessity. In addition, it makes more efficient use of the wet well that was constructed in Phase 1 because it eliminates the need for a future excavation and removal and reconstruction of the NOS at the location that would otherwise be required to rehabilitate this sewer section.
On May 1, 2020, BOE Liaison Commissioner Caloza was briefed and the authorization to advertise the Project utilizing the On-Call ESR Contractor’s List was obtained (Transmittal No. 2).

**Scope of Work**
The Project will rehabilitate approximately 600 feet of the 48-inch circular sewer. The scope of work includes:

- Design, construct, operate and maintain a bypass system from Blake Avenue to San Fernando Road
- Traffic control and odor control
- Excavate the existing wet well on Blake Avenue and Barclay Street and design and reconstruct the NOS
- Clean the sewer and remove and dispose debris as needed
- Prepare host pipe for rehabilitation
- Rehabilitate approximately 600 feet of 48-inch circular sewer by CIPP
- Maintain 24-hour security and bypass operation
- Site restoration
An expedited design was completed by the BOE and advertised to the full list of the ESR On-Call Contractors following the ESR On-Call Contract procedures. The City Engineer estimate was $4,702,880. The contract duration is approximately 150 calendar days.

A total of six bids (Transmittal No. 3) were received and opened on June 11, 2020, at 320 North Avenue 19 (Trailer entrance at the northeast corner of Humboldt Street and Avenue 19), Los Angeles, CA 90031, with prospective bidders in attendance. The bid results were: Spiniello’s bid at $3,171,872; Michael Prlich’s bid at $3,643,020; Vido Artukovich’s bid at $4,287,784; MNR Construction’s bid at $4,738,700; Mladen Buntich’s bid at $6,412,904; and Altas Underground’s bid at $7,247,220.

The BOE staff reviewed the bids and determined that Spiniello is the lowest responsive, responsible bidder with the amount of $3,171,872, which is 32.55% below the City Engineer's estimate.

Program Review Committee (PRC) Approval
The Project was approved by the PRC on July 28, 2020, for a not-to-exceed construction budget of $4,147,700.

Conclusion
It is recommended that the Board authorize the construction budget of $4,147,700 which includes the contingency for the project and authorize the Director and General Manager of LASAN to request the City Engineer to issue construction orders and revised construction orders for up to the authorized construction budget to Spiniello to complete the Project.

Status of Funding
There is no impact to the General Fund. Of the proposed $4,147,700 budget, nothing has been spent. The total funding for this project is not-to-exceed $4,147,700. Funding in the amount of $4,147,700 is available in the Wastewater System Commercial Paper A Construction Fund No. 70W, Department No. 50, Appropriation Unit No. 50TAJE.

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 will be determined by the Director and General Manager of LASAN or designee.

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.
Joint Report No. 1

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( BWJ RMK KRR )

Report reviewed by:

BOE (ADM) and
LASAN (FMD)

Report prepared by:

Wastewater Conveyance
Engineering Division

Bradley W. Jenson, PE
Division Engineer
Phone No. (213) 485-1616

Statement as to funds approved by:

Miguel De La Peña, Director
Office of Accounting
Fund Ref. 75R/50/50TAJE/$4,147,700
Date: 08/21/2020

Lisa B. Mowery, PE
Chief Financial Officer
Bureau of Sanitation
Date: 8/17/20

Respectfully submitted,

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

Enrique C. Zaldivar, PE
Director and General Manager
Bureau of Sanitation

Questions regarding this report
may be referred to:
Jin Wen, Civil Engineer
Phone No. (213) 485-4594
E-mail: Jin.Wen@lacity.org