



- **Board of Directors**
Engineering, Operations, and Technology Committee

12/9/2025 Board Meeting

7-1

Subject

Award a \$381,812 procurement contract to Primary Flow Signal Inc. for the replacement of two venturi flowmeters at the LA-17 service connection; the General Manager has determined that the proposed action is exempt or not subject to CEQA

Executive Summary

Service Connection LA-17 delivers water to the Los Angeles Department of Water and Power (LADWP) from the Eagle Rock Lateral. There are three venturi flowmeters at this service connection. One meter was replaced in January 2021. The other two flowmeters are over 70 years old, and both are at the end of their service life. The flowmeters need to be replaced, and staff recommends award of a procurement contract for these two venturi flowmeters at this time.

This action awards a \$381,812 procurement contract to Primary Flow Signal Inc. to furnish two venturi flowmeters for the LA-17 service connection. See **Attachment 1** for the Allocation of Funds, **Attachment 2** for the Abstract of Bids, and **Attachment 3** for the Location Map.

Proposed Action(s)/Recommendation(s) and Options

Staff Recommendation: Option #1

Option #1

Award a \$381,812 procurement contract to Primary Flow Signal Inc. to furnish two venturi flowmeters for the LA-17 service connection.

Fiscal Impact: Expenditure of \$590,000 in capital funds. All costs will be incurred in the current biennium and have been previously authorized.

Business Analysis: This option will enhance the reliability of the LA-17 service connection.

Option #2

Do not proceed with the project at this time.

Fiscal Impact: None

Business Analysis: This option would forego an opportunity to improve the operational reliability of service connection LA-17.

Alternatives Considered

Staff considered refurbishing the existing meters. Refurbishment of venturi meters is viable when the corrosion is localized to a small area. However, it was decided that because the corrosion was widespread throughout the meter bodies, it would be more economical to replace the whole meter. New venturi meters were selected for their superior long-term performance in this billing application.

Applicable Policy

Metropolitan Water District Administrative Code Section 8121: General Authority of the General Manager to Enter Contracts

Metropolitan Water District Administration Code Section 11104: Delegation of Responsibilities

Related Board Action(s)/Future Action(s)

By Minute Item 53598, dated April 8, 2024, the Board appropriated a total of \$636.48 million for projects identified in the Capital Investment Plan for Fiscal Years 2024/2025 and 2025/2026.

California Environmental Quality Act (CEQA)

CEQA determination for Option #1:

The proposed action does not constitute an approval of the project for the purposes of CEQA. Environmental review will be completed prior to any decision by the Board which commits Metropolitan to the project. (State CEQA Guidelines Section 15352.)

CEQA determination for Option #2:

None required

Details and Background

Background

Service Connection LA-17 delivers treated water to LADWP. It is located at the terminus of the Eagle Rock Lateral in the City of Los Angeles adjacent to the Eagle Rock Operations Control Center. It was constructed in the early 1950s and consists of three separate pipe spools and flowmeters. Each line has a different size venturi flowmeter to cover a wide range of flows. The 48-inch meter, LA-17B, was replaced in January 2021 and has the capacity to deliver 100 cfs. LA-17A has a 24-inch meter that has a capacity to deliver 30 cfs, and LA-17C has an 84-inch meter that has a capacity to deliver 310 cfs.

In December 2022, as part of a Metropolitan-wide condition assessment, LA-17A and LA-17C flowmeters were inspected and found to have significant coating deterioration and extensive pitting and corrosion of the venturi flow meters. Failure of the venturi flowmeters could lead to leaks that could result in an unscheduled shutdown for repairs, impacting deliveries to LADWP. Incorporating lessons learned from the replacement of LA-17B, the replacement of the LA-17A and LA-17C flowmeters were combined to save costs in mobilization and improve efficiency. Staff recommends proceeding with procurement of the replacement meters at this time. Installation of the meter, piping, and appurtenances will be performed by Metropolitan forces.

LA-17A and LA-17C Venturi Flowmeters Replacement – Procurement

The procurement contract will furnish two stainless steel venturi flowmeters, one 24-inch and one 84-inch. Staff will perform submittal review, fabrication inspection, and contract administration. Metropolitan forces will receive, offload, and store the flowmeters at the Lake Mathews valve storage building until the next available shutdown.

A total of \$590,000 is required to perform this work. In addition to the amount of the procurement contract described below, the allocated funds for Metropolitan staff include \$48,000 for factory fabrication inspection; \$54,000 for submittals review and responding to manufacturer requests for information; \$52,000 for contract administration and project management; and \$54,188 for remaining budget. **Attachment 1** provides the allocation of the required funds.

Award of Procurement Contract

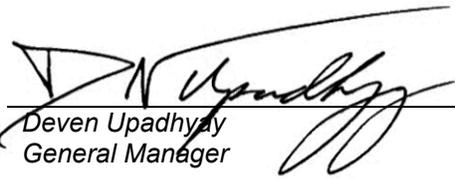
Specifications No. ME-17241 for furnishing two venturi flowmeters was advertised for bids on August 6, 2025. As shown in **Attachment 2**, one bid was received and opened on September 3, 2025. The bid from Primary Flow Signal Inc. in the amount of \$381,812 complies with the requirements of the specifications. This amount includes

delivery and all sales and use taxes imposed by the state of California and the state of Utah where meter testing occurs. The budgetary estimate for this material, based on previous procurements, is \$450,000. As a procurement contract, there are no subcontracting opportunities, and a Small Business Enterprise participation level was not established for this contract.

This action awards a \$381,812 procurement contract to Primary Flow Signal Inc. to furnish two venturi flowmeters, 24-inch and 84-inch in size, for the LA-17 service connection.

Project Milestone

November 2026 – Installation of new venturi meters

 _____ Mai M. Hattar Chief Engineer Engineering Services	12/1/2025 _____ Date
 _____ Deven Upadhyay General Manager	12/1/2025 _____ Date

Attachment 1 – Allocation of Funds

Attachment 2 – Abstract of Bids

Attachment 3 – Location Map

Ref# es12709466

Allocation of Funds for LA-17A and LA-17C Venturi Flowmeters Replacement

	Current Board Action (Dec. 2025)	
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Labor		
Studies & Investigations	\$	-
Final Design		-
Owner Costs (Program mgmt., envir. monitoring)		52,000
Submittals Review & Record Drwgs.		54,000
Construction Inspection & Support		48,000
Metropolitan Force Construction		-
Materials & Supplies		-
Incidental Expenses		-
Professional/Technical Services		-
Right-of-Way		-
Equipment Use		-
Contracts		
Primary Flow Signal Inc.		381,812
Remaining Budget		54,188
Total	\$	590,000
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The total amount expended to date is approximately \$560,000. The total estimated cost to complete the LA-17A and LA-17C Venturi Flowmeters Replacement, including the amount appropriated to date, funds allocated for the work described in this action, and future construction costs, is anticipated to range from \$2M to \$3M.

The Metropolitan Water District of Southern California
Abstract of Bids Received on September 3, 2025, at 11:00 A.M.
Specifications No. M-17241
Venturi Flow Meter for Service Connection

The work includes the procurement and testing of one 84-inch and one 24-inch short-form venturi flowmeters and their associated appurtenances.

Budgetary estimate: \$450,000

Bidder and Location	Total¹
Primary Flow Signal Inc.	\$381,812

¹ As a procurement contract, there are no subcontracting opportunities.

Distribution System

