THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Board Action

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

9/15/2026 Board Meeting

7-1

Subject

Award a $782,917 procurement contract to Ross Valve Manufacturing Company for an 18-inch conical plug valve for Service Connection B-01; the General Manager has determined that the proposed action is exempt or not subject to CEQA

Executive Summary

After 85 years of continuous operation, the mechanical equipment and piping at Service Connection B-01 on the Santa Monica Feeder have deteriorated and require replacement. Staff identified the conical plug valve as a long-lead item requiring early procurement prior to a planned construction contract in spring 2028. Staff recommends award of the procurement contract for an 18-inch-diameter conical plug valve at this time.

This action awards a $782,917 procurement contract to Ross Valve Manufacturing Company for one conical plug valve to be installed at Service Connection B-01. 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 $782,917 procurement contract to Ross Valve Manufacturing Company for an 18-inch conical plug valve for Service Connection B-01.

Fiscal Impact: Expenditure of $1,100,000 in capital funds. All costs will be incurred in the current biennium and have been previously authorized.
Business Analysis: This option will improve the operational reliability of a service connection within the distribution system.

Option #2

Do not proceed with the project at this time.
Fiscal Impact: None
Business Analysis: This option would forego the opportunity to improve the operational reliability of Service Connection B-01.

Alternatives Considered

Staff considered refurbishing the existing isolation valve and venturi flow meter at Service Connection B-01. This alternative was not selected due to extensive corrosion and degradation of the original parts and because it would not address long-term reliability concerns. The selected alternative, full replacement of all major service connection components, will reduce maintenance costs, extend the life span of the service connection, and enhance the reliability of long-term operations.

Applicable Policy

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

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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

By Minute Item 54446, dated April 14, 2026, the Board appropriated a total of $1.025 billion for projects identified in the Capital Investment Plan for Fiscal Years 2026/2027 and 2027/2028.

California Environmental Quality Act (CEQA)

CEQA determination for Option #1:

The proposed action does not constitute approval of the project for the purposes of CEQA. Environmental review will be completed before 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 B-01 is located along the Santa Monica Feeder and serves up to 30 cubic feet per second of treated water from the F.E. Weymouth Water Treatment Plant to the city of Burbank. This service connection is part of Metropolitan's original distribution system construction and has been in operation for 85 years. The piping at Service Connection B-01 consists of two valves and a meter arranged in series: an 18-inch-diameter isolation valve, a venturi meter, and an 18-inch-diameter discharge check valve.

A recent engineering assessment of Service Connection B-01 noted deterioration of all major components, which are well past their service life. The assessment noted general corrosion of equipment, metal loss, and venturi meter pinhole leaks. Staff performed interim coating repairs and, in 2024, initiated design work to rehabilitate the service connection.

Staff identified the conical plug valve and the venturi flow meter as long-lead items requiring early procurement before a planned construction contract. Procurement specifications for the replacement conical plug valve were completed in April 2026, and bids were received in July 2026. Staff recommends proceeding with the award of a procurement contract for the replacement valve to meet a planned 2028 shutdown of the Santa Monica Feeder. Procurement specifications for the venturi flow meter replacement are planned to be completed in October 2026. The remaining mechanical equipment will be included in a future construction contract planned for spring 2028.

Service Connection B-01 Rehabilitation – Procurement of Conical Plug Valve

The scope of the procurement contract includes furnishing one 18-inch-diameter conical plug valve with a manual actuator. Metropolitan forces will receive, offload, and store the valve at the Jensen plant until it is needed for future shutdown work.

A total of $1,100,000 is required for this work. In addition to the amount of the procurement contract described below, allocated funds include $102,000 for factory inspection and functional testing; $12,000 for Metropolitan forces to receive, offload, and store the valve; $81,000 for submittal reviews, technical support, and responding to manufacturer requests for information; $71,000 for contract administration and project management; and $51,083 for remaining budget. **Attachment 1** provides the allocation of required funds.

Award of Procurement Contract (Ross Valve Manufacturing Company)

Specification package No. 2168A for furnishing an 18-inch-diameter conical plug valve was advertised for bids on April 28, 2026. As shown in **Attachment 2**, two bids were received and opened on July 7, 2026. The lowest

bid from Ross Valve Manufacturing Company, in the amount of $782,917, complies with the requirements of the specifications. This amount includes all State of California sales and use taxes. The other bid was in the amount of $897,927. The budgetary estimate for this material, based on previous procurements, is $650,000.
Staff investigated the reason for the higher-than-expected bid for the valve and attributed it to the limited number of valve manufacturers. Also, some manufacturers preferred not to undertake the custom engineering and fabrication required for valves that would fit within the existing structure and meet the hydraulic service conditions, hence these firms did not respond to the solicitation. 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 $782,917 procurement contract to Ross Valve Manufacturing Company to furnish an 18-inch-diameter conical plug valve with actuator to rehabilitate Service Connection B-01.

Project Milestone

January 2028 – Delivery of conical plug valve for Service Connection B-01

8/24/2026
Mai M. Hattar *Date*
Chief Engineer
Engineering Services

8/24/2026
Shivaji Deshmukh *Date*
General Manager

Attachment 1 – Allocation of Funds

Attachment 2 – Abstract of Bids

Attachment 3 – Location Map

Ref# es12709338

Allocation of Funds for Service Connection B-01 Rehabilitation

	Current Board Action (Sep. 2026)
Labor	
Studies & Investigations	$ -
Final Design	-
Owner Costs (Program mgmt., envir. monitoring)	71,000
Submittals Review & Record Drwgs.	81,000
Construction Inspection & Support	102,000
Metropolitan Force Construction	12,000
Materials & Supplies	-
Incidental Expenses	-
Professional/Technical Services	-
Right-of-Way	-
Equipment Use	-
Contracts	-
Ross Valve Manufacturing Company	782,917
Remaining Budget	51,083
Total	**$ 1,100,000**

The total amount expended to date is approximately $990,000. The total estimated cost to complete rehabilitation of Service Connection B-01, including the amount appropriated to date, funds allocated for the work described in this action, and future construction costs, is anticipated to range from $4 million to $6 million.

The Metropolitan Water District of Southern California

Abstract of Bids Received on July 7, 2026, at 2:00 P.M.

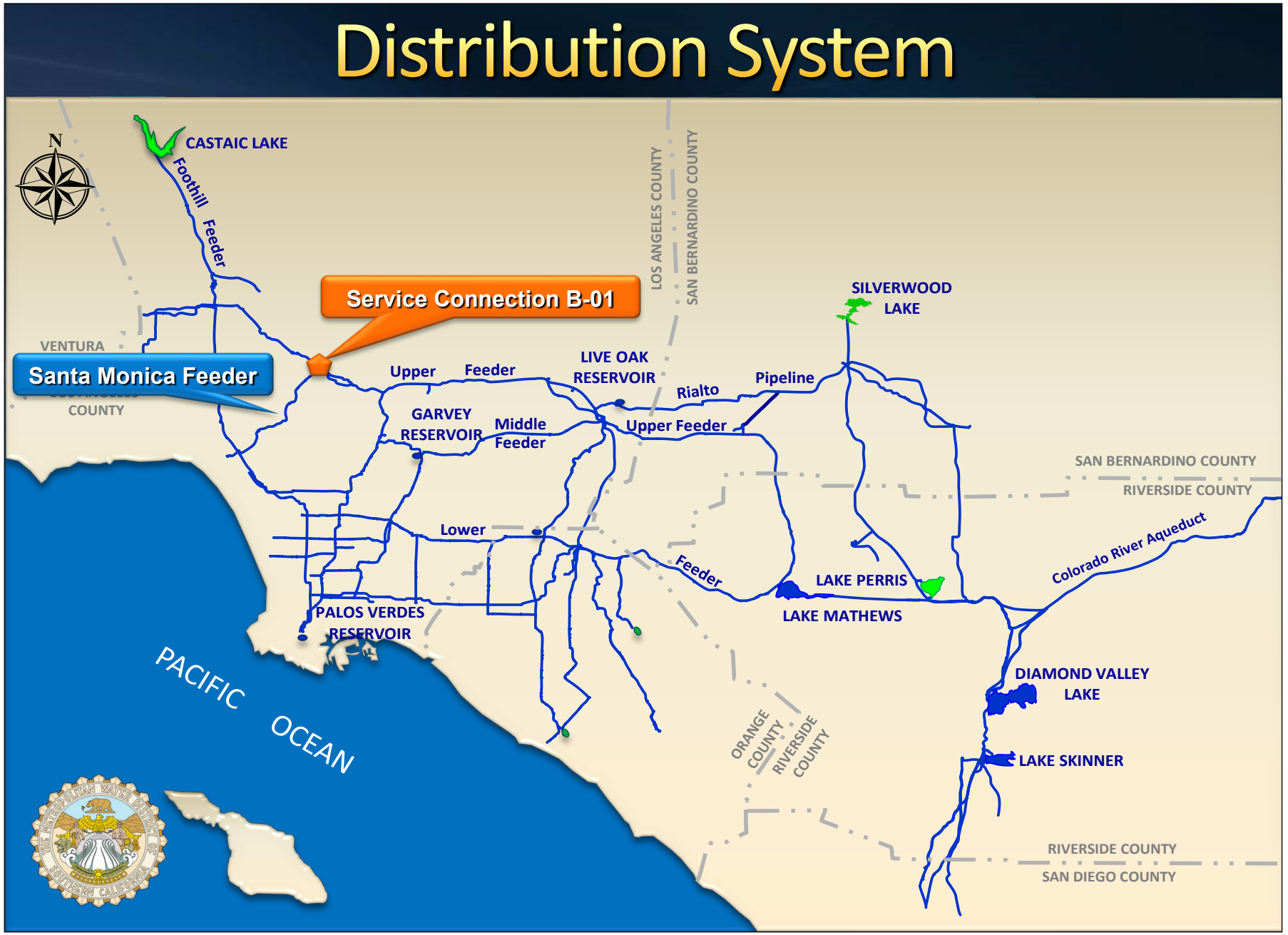
Specifications No. 2168A
Furnishing Conical Plug Valve for Service Connection B-01

The scope of the procurement contract[1] includes furnishing one 18-inch diameter conical plug valve with actuator.

Budgetary Estimate: $650,000

Bidder and Location	Total[2]
Ross Valve Manufacturing Company[3] **Troy, NY**	**$782,917**
Ebara Corporation Tokyo, Japan	$897,927

[1] As a procurement contract, there are no subcontracting opportunities.
[2] Includes State of California sales and use taxes of 9.75 percent.
[3] Lowest responsive and responsible bidder.


Distribution System
N
CASTAIC LAKE
Foothill Feeder
Service Connection B-01
Santa Monica Feeder
VENTURA
COUNTY
LOS ANGELES COUNTY
SAN BERNARDINO COUNTY
SILVERWOOD LAKE
Upper Feeder
LIVE OAK RESERVOIR
Rialto Pipeline
GARVEY RESERVOIR
Middle Feeder
Upper Feeder
SAN BERNARDINO COUNTY
RIVERSIDE COUNTY
Lower Feeder
Colorado River Aqueduct
LAKE PERRIS
LAKE MATHEWS
PALOS VERDES RESERVOIR
PACIFIC OCEAN
DIAMOND VALLEY LAKE
ORANGE COUNTY
RIVERSIDE COUNTY
LAKE SKINNER
RIVERSIDE COUNTY
SAN DIEGO COUNTY