



City Council Memorandum

City of Arts & Innovation

TO: HONORABLE MAYOR AND CITY COUNCIL **DATE: APRIL 14, 2026**
FROM: PUBLIC WORKS DEPARTMENT **WARDS: ALL**
SUBJECT: APPROVE THE PURCHASE OF ONE (1) 66-INCH PRATT FLANGE 150B BUTTERFLY VALVE AND NECESSARY APPURTENANCES, FROM SOUTHWEST VALVE & EQUIPMENT OF IRVINE, CALIFORNIA, FOR A TOTAL AMOUNT OF \$174,400.76

ISSUE:

Approve the purchase of one (1) 66-inch Pratt Flange 150B Butterfly Valve and necessary appurtenances, from Southwest Valve & Equipment of Irvine, California, for a total amount of \$174,400.76.

RECOMMENDATION:

The City Council approves the purchase of one (1) 66-inch Pratt Flange 150B Butterfly Valve and necessary appurtenances, from Southwest Valve & Equipment of Irvine, California, for a total amount of \$174,400.76.

BACKGROUND:

The Riverside Water Quality Control Plant (RWQCP) treats wastewater generated within the City of Riverside and the communities of Edgemont, Highgrove, Jurupa, and Rubidoux. The RWQCP has a wastewater treatment capacity of approximately 52 Million Gallons per Day (MGD).

As the wastewater completes its treatment process, the final effluent is discharged into the Santa Ana River through two 66-inch pipelines, with a small portion diverted to Riverside Public Utilities – Water Division for recycled water use. Each pipeline is equipped with its own valve to regulate flow, followed by a flowmeter that measures discharge volumes for regulatory compliance reporting.

When a valve is not functioning properly, staff cannot control or isolate the discharge line. This prevents safe access to the downstream compliance flowmeters for required maintenance and calibration, which in turn jeopardizes accurate reporting and conformance with state and federal discharge requirements.

DISCUSSION:

The existing 66-inch Butterfly Valve (BFV) was installed in 1990 as part of the tertiary expansion. After more than three decades of service, the valve has reached the end of its useful life. Due to its uncommon size and the specialized materials required for wastewater applications, the valve

is not available as a standard off-the-shelf product. Only a few manufacturers can produce a valve that meets the necessary specifications. In addition, the valve must be custom-ordered and manufactured overseas. The estimated lead time for fabrication and delivery is approximately 33 to 34 weeks once the order is placed.

The Public Works Wastewater Division requires equipment compatibility to ensure consistent operation, maintenance efficiency, and reliable replacement across the system. The City’s Purchasing Resolution No. 24101 provides exceptions that allow the procurement of certain supplies, equipment, and materials through Informal or Negotiated Procurement. “Valves and Operators” are specifically identified as items eligible for these procurement methods.

Under Purchasing Resolution No, 24101, Section 404 (Utilities Exception) allows for the exception to competitive procurement “The Water, Electric and Sewer Utilities have a need for compatibility within their respective systems for uniform operation, maintenance and replacement, and this need can be met by procuring certain supplies, equipment, and materials supplies through Informal Procurement or Negotiated Procurement.” Section 404 proceeds to list supplies, equipment and materials that qualify for this exception, and this includes “Valve and Operators.”

The Purchasing Manager concurs that the recommended action complies with Purchasing Resolution No. 24101, Section 404 (Utilities Exception).

FISCAL IMPACT:

The total fiscal impact of this action is \$174,400.76. Sufficient funds are budgeted and available in the Sewer Fund, RWQCP BFV Replacement Project account number 9933723-440301 for this purchase.

Prepared by:	Thuy Nguyen, Principal Engineer
Approved by:	Nathan Mustafa, Interim Public Works Director
Certified as to availability of funds:	Julie Nemes, Interim Finance Director
Approved by:	Kris Martinez, Assistant City Manager
Approved as to form:	Rebecca McKee-Reimbold, Interim City Attorney

Attachment: Southwest Valve & Equipment Cost Proposal No. 131619