



ANNUAL PURCHASE ORDERS FOR RIVERSIDE WATER QUALITY CONTROL PLANT CHEMICAL PURCHASES

Public Works Department

City Council
June 20, 2023

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BACKGROUND

WQCP services **93,000 customers**
within the City of Riverside

Treatment Plant

27 Million gallons
per day average

Collections System

 800 miles of gravity sewers

 20 wastewater lift stations

 16,000 sewer manholes



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BACKGROUND

1. The Public Works Department Wastewater Division is responsible for the collection and treatment of wastewater generated within the City of Riverside and the communities of Edgemont, Highgrove, Jurupa & Rubidoux.
2. To satisfy the U.S. Environmental Protection Agency's (EPA) National Pollution Discharge Elimination System (NPDES) Permit, wastewater must be treated to achieve regulatory water quality standards. The RWQCP treatment processes require the use of various chemicals to achieve water quality objectives.



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DISCUSSION

1. Under Purchasing Resolution No. 23914 Section 404, chemicals are considered to be items "peculiar to the needs of the Sewer Utility" and can be purchased through informal or negotiated procurement, providing this is in the best interest of the City
2. Staff conducted a general market analysis comparing price ranges of current vendors to other businesses who offer similar goods. Market volatility, temporary supply shortages, and a Consumer Price Index (CPI) increase created an unexpected rise in unit costs for chemicals.



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STRATEGIC PLAN ALIGNMENT



Strategic Priority 4 – Environmental Stewardship

Goal 4.2 – Sustainably manage local water resources to maximize reliability and advanced water reuse to ensure safe, reliable, and affordable water to our community.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability &
Resiliency



Equity



Innovation



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RECOMMENDATIONS

That the City Council:

1. Approve an annual Purchase Order with Northstar Chemical of Santa Fe Springs, California, for citric acid in the amount \$383,250;
2. Approve an annual Purchase Order with Kemira Water Solutions, Inc., of Fontana, California, for ferric chloride in the amount of \$945,000;
3. Approve an annual Purchase Order with Univar USA, Inc., of Kent, Washington, for sodium bisulfite in the amount of \$735,000;
4. Approve an annual Purchase Order with Pioneer Americas, LLC., of Wilmington, Delaware, for sodium hypochlorite in the amount of \$1,820,000; and
5. Approve an annual Purchase Order with SNF Polydyne, Inc., of Riceboro, Georgia, for polymer in the amount of \$1,470,000.



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