



RIVERSIDE WATER QUALITY CONTROL PLANT CHEMICAL PURCHASES – CHANGE ORDERS

Public Works Department

City Council
June 6, 2023

RiversideCA.gov

1

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



RiversideCA.gov

2

BACKGROUND

1. The Public Works Department Wastewater Division is responsible for the collection & treatment of wastewater generated within the City of Riverside & the communities of Edgemont, Highgrove, Jurupa & Rubidoux at the RWQCP.
2. To satisfy the US 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.



3

RiversideCA.gov

3

DISCUSSION

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



4

RiversideCA.gov

4

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



5

RiversideCA.gov

5

RECOMMENDATIONS

That the City Council:

1. Approve a change order to annual Purchase Order No. 230647 for citric acid with Northstar Chemical of Santa Fe Springs, California, in the amount of \$65,000 for a revised total of \$365,000;
2. Approve a change order to annual Purchase Order No. 230548 for ferric chloride with Kemira Water Solutions, Inc., of Fontana, California, in the amount of \$450,000 for a revised total of \$900,000;
3. Approve a change order to annual Purchase Order No. 231153 for sodium hypochlorite with Pioneer Americas, LLC., of Wilmington, Delaware, in the amount of \$580,000 for a revised total of \$1,399,700;
4. Approve a change order to annual Purchase Order No. 231158 for sodium bisulfite with Univar USA, Inc., of Kent, Washington, in the amount of \$300,000 for a revised total of \$700,000; and
5. With at least five affirmative votes, authorize the Chief Financial Officer, or designee, to record a supplemental appropriation of \$740,900 from available Sewer Fund Balance to the Public Works –Treatment– Chemical Supplies account.



6

RiversideCA.gov

6