



Riverside Water Quality Control Plant Chemical Purchases

Public Works Department

City Council
July 6, 2021

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1

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.



2

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2

DISCUSSION

1. Under Section 404 (Utilities Exception) of Purchasing Resolution 23256, 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. Kemira Water Solutions Inc. agreed to provide ferric chloride with an increase of 7% per ton, due to increases in raw materials and freight costs.
3. Olin Corporation agreed to provide sodium hypochlorite with an increase of 5% due to increases in raw materials and freight costs.



3

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3

DISCUSSION

4. Northstar Chemical has agreed to provide citric with an increase of 6% due to increases in raw materials.
5. Univar USA Inc. has agreed to provide sodium bisulfate with an increase of 15% due to increases in raw materials and freight costs.
6. SNF Polydyne Inc. has agreed to provide polymer with an increase of 9% per gallon due to increases in raw materials and freight costs.
7. The Purchasing Manager concurs that the recommended action to purchase is in compliance with Purchasing Resolution 23256.



4

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4

RECOMMENDATIONS

That the City Council:

1. Approve an annual purchase order for the purchase of ferric chloride from Kemira Water Solutions Inc. of Fontana, California, in the amount of \$450,000;
2. Approve an annual purchase order for the purchase of sodium hypochlorite from Olin Corporation of Tracy, California, in the amount of \$1,363,200;
3. Approve an annual purchase order for citric acid from Northstar Chemical of Santa Fe Springs, California in the amount of \$100,000;



5

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5

RECOMMENDATIONS

4. Approve an annual purchase order for sodium bisulfate from Univar USA, Inc. of Kent, Washington, in the amount of \$425,000; and
5. Approve an annual purchase order for polymer from SNF Polydyne Inc. of Riceboro, Georgia, in the amount of \$1,335,000.



6

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6