



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: FEBRUARY 12, 2019

FROM: PUBLIC WORKS DEPARTMENT WARDS: ALL

SUBJECT: RIVERSIDE WATER QUALITY CONTROL PLANT (WQCP) – AUTHORIZE INCREASE IN CHANGE ORDER AUTHORITY FOR PURCHASE ORDER 190392 WITH OLIN CORP, TRACY, CALIFORNIA, IN THE AMOUNT OF \$300,000 TO PROVIDE SODIUM HYPOCHLORITE FOR A REVISED TOTAL OF \$1,121,256.75 THROUGH JUNE 30, 2019

ISSUE:

Authorize an increase in change order authority for Purchase Order No. 190392 in the amount of \$300,000 for a revised total of \$1,121,256.75 with Olin Corp to provide Sodium Hypochlorite for the treatment of wastewater through June 30, 2019.

RECOMMENDATION:

That the City Council authorize an increase in change order authority for Purchase Order No. 190392 with Olin Corp, of Tracy, California in the amount of \$300,000 to provide Sodium Hypochlorite for a total revised amount of \$1,121,256.75.

BACKGROUND:

The City's Regional Water Quality Control Plant (RWQCP) provides treatment of domestic and industrial wastewater generated within the City and the Rubidoux, Jurupa, and Edgemont Community Service Districts and community of Highgrove. This entails the operation of primary, secondary and tertiary treatment processes to produce high quality effluent that complies with all State and Federal requirements prior to discharge to the Santa Ana River or reused as recycled water.

On July 24, 2018, Bid No. 7574 for the purchase of Sodium Hypochlorite was approved by City Council. Olin Corporation was awarded the contract for a total of \$821,256.75 split between the Collections and Operations Divisions. The chemicals used at the RWQCP were procured under Resolution No. 23256 Section 404, which addresses the Utilities Exceptions. The request for change order authority is allowed under Section 1104 of the current resolution.

DISCUSSION:

The RWQCP purchases 12.5% concentrated Sodium Hypochlorite (Bleach) from Olin Corp to disinfect final effluent water before discharging to the Santa Ana River per the facility National Pollutant Discharge Elimination System (NPDES) permit effluent limitations.

Factors that have resulted in a deficit of annual Purchase Order 190392 for Bleach this fiscal year were primarily due to the lengthy process in developing the Title 22 Production, Distribution, and Use of Recycled Water Report and associated Chlorine Contact Time (CT) Testing Report for the RWQCP. The testing is required per State of California guidelines for the production, distribution, and use of recycled water. Staff anticipated securing approval from the Division of Drinking Water and the Regional Water Quality Control Board (RWQCB), Santa Ana Region, to implement the proposed CT limit of 30 mg-min/L by July 1, 2018.

While the Phase 1 Plant Expansion Project was under construction, the RWQCP was granted interim approval to operate specific pieces of equipment and/or processes. For example, the operation of Chlorine Contact Basin 2 (CCB2) was one of the processes granted interim approval from the RWQCB based on design calculations with a CT requirement of 900 mg-min/L.

On November 28, 2018, the RWQCP submitted the Final Draft of the Title 22 for Production, Distribution and Use of Recycled Water Report and associated CT Testing Report to the Division of Drinking Water and Regional Board – Santa Ana Region. These engineered reports show that CCB2 can efficiently demonstrate virus and total coliform disinfection performance with a CT of only 30 mg-min/L. Staff is in communication with the regulatory agencies in an attempt to expedite approval and implementation of the proposed lower CT on a permanent basis.

The additional funding is necessary to maintain operations until the Division of Drinking Water and the RWQCB approve the lower CT limit.

The Purchasing Manager concurs that the recommended action complies with Purchasing Resolution 23256.

FISCAL IMPACT:

The fiscal impact of this action is \$300,000 for a total revised Purchase Order amount of \$1,121,256.75. This request is for the RWQCP Operations Division. The revised Purchase Order breakdown is provided below.

Division	Account Number	Amount
Operations	4125200-426600	\$995,472.50
Collections	4125100-426600	\$125,784.25
Revised Total		\$1,121,256.75

Sufficient funds are available in the Sewer Fund Operations Division FY 2018/19 budget, Chemical Supplies account number 4125200-426600.

Prepared by: Kris Martinez, Public Works Director
Certified as to
availability of funds: Edward Enriquez, Chief Financial Officer/City Treasurer
Approved by: Rafael Guzman, Assistant City Manager
Approved as to form: Gary G. Geuss, City Attorney