



PURCHASE AND INSTALLATION OF HVAC SYSTEM FOR RWQCP ADMINISTRATION / LABORATORY BUILDING – PHASE II

Public Works Department

City Council
August 18, 2020

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BACKGROUND

1. RWQCP underwent an expansion in 1995 to include offices for administration, engineering, operations, environmental compliance, conference rooms and restrooms; increased to 17,987 square feet;
2. New HVAC System included Watercooling Tower, 150-ton Absorption/Condenser Chiller, Pumps, Electrical and Mechanical Equipment;
3. External components reached their useful life and were replaced in 2019 as Phase I by Trane US, Inc., through the U.S. Communities Cooperative Agreement RFP No. 15-JLP-023.



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DISCUSSION

Phase II:

1. All interior air distribution systems and air handlers are old and are at the end of their useful life;
2. Corrosion is prevalent throughout the air handling system;
3. Ductwork is crushed in some sections and are missing insulation wrapping;
4. Control dampers are stuck open; no communication between the thermostats and controllers;
5. Presences of odor and flakes from registers;
6. Air handling units are undersized and failing.



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DISCUSSION

Phase II:

Static Control Actuator - Linkage missing and internal corrosion of metal parts



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DISCUSSION

Phase II:

Air Handler - Chilled water condenser pan rusted and corroded



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DISCUSSION

Phase II - Proposal

1. The RWQCP solicited a Proposal for Phase II work from Trane US, Inc., in the amount of \$1,743,154;
2. Proposal based on U.S. Communities Cooperative Agreement RFP No. 15-JLP-023;
3. City of Riverside Purchasing Resolution 23526, Section 802(f) authorizes an exception to competitive procurement of construction services when cooperative purchasing is available;
4. Project cost including design, procurement of equipment, installation, change orders and contract administration is \$1,950,000.



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Recommendations

That the City Council:

1. Approve the purchase and installation of the Administration/ Laboratory Building HVAC System and associated equipment from Trane US, Inc., in the amount of \$1,743,154 under the U.S. Communities Cooperative Agreement RFP No. 15-JLP-023, in accordance with Section 802(f) of the Purchase Resolution 23256; and
2. Approve a supplemental appropriation of \$250,000 from the sewer fund balance to the Sewer Fund Administration Building HVAC Phase II Project account



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