



*City of Arts & Innovation*

# City Council Memorandum

**TO: HONORABLE MAYOR AND CITY COUNCIL      DATE: FEBRUARY 23, 2016**

**FROM: PUBLIC WORKS DEPARTMENT      WARDS: ALL**

**SUBJECT: RIVERSIDE WATER QUALITY CONTROL PLANT (RWQCP) – FIRST AMENDMENT TO AGREEMENT FOR HIGH PRESSURE GAS COMPRESSOR SERVICE AT CO-GENERATION FACILITY - \$61,111.31**

## **ISSUE:**

The issue for City Council consideration is approval of the First Amendment to Agreement with Accurate Air Engineering, Inc. for the repair of two gas compressors located at the RWQCP Co-generation facility, bringing the total agreement amount to \$61,111.31.

## **RECOMMENDATION:**

That the City Council approve and authorize the City Manager to execute the First Amendment to Agreement with Accurate Air Engineering, Inc. for High Pressure Gas Compressor Service at the Co-Generation Facility, bringing the total to \$61,111.31.

## **BACKGROUND:**

The RWQCP Co-Generation Facility was constructed to provide back-up power to meet Environmental Protection Agency (EPA) and State requirements. The engines use digester gas and natural gas as fuel; however, the digester gas must be compressed prior to use. The engines, gas compressors, and all related components must be routinely maintained and serviced to ensure the continued efficient operation of the Co-Generation Facility. If the Co-generation Facility is unable to produce electricity, electrical consumption will cost an additional \$6,000 per day, or \$42,000 per week.

Additionally, the Cogeneration facility supplies hot water to the Administration building chiller and digesters primary and secondary heat loops. The high gas compressors also control the temperature in the RWQCP administration building.

The Cogeneration facility went offline due to high gas compressor failure on July 26, 2015. During the summer months, the City of Riverside experienced severe hot weather conditions. To mitigate Occupational Safety and Health Administration (OSHA) hazards and protect RWQCP employees from heat illness, an emergency Purchase Order was issued to Accurate Air Engineering, Inc.(Contractor) to begin repair on the high gas compressors for the amount of \$40,021.16.

While attempting to repair the two gas compressors at the Co-Generation Facility, the

Contractor discovered that one compressor was damaged beyond repair and required replacement. Thus, the compressor replacement expended the original agreement amount and additional repairs were required for the second compressor.

The Public Works Department is seeking approval to amend the Agreement to increase the agreement amount to \$61,111.31 to cover the additional cost of one compressor replacement. This will allow for completion of work necessary to place the cogeneration facility back online.

The Purchasing Services Manager concurs with the recommendation above.

**FISCAL IMPACT:**

There is no impact to the General Fund. The total estimated cost for the high gas compressor replacement and repair is \$61,111.31. Sufficient funding is available in the Public Works Department budget (account number 4125800 – 424220).

Prepared by: Kris Martinez, Public Works Director  
Certified as to  
availability of funds: Brent A. Mason, Finance Director/Treasurer  
Approved by: Al Zelinka, FAICP, Assistant City Manager  
Approved as to form: Gary G. Geuss, City Attorney

Attachment:

1. First Amendment to Agreement for High Pressure Gas Compressor Service