



**STAFF REPORT**  
**4/23/2025**

**TO:** Honorable Mayor and City Council Members

**FROM:** Cástulo R. Estrada, Utilities Director

**SUBJECT:** Authorize the Refurbishment of Well #12 Booster #3 100 HP Pressure Pump in the Amount not to Exceed \$27,786.63.

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**STAFF RECOMMENDATION:**

Authorize the Refurbishment of Well #12 Booster #3 100 HP Pressure Pump in the Amount not to Exceed \$27,786.63.

**BACKGROUND:**

The City of Coachella and its Coachella Water Authority (CWA) is responsible for the water service to its residents and customers within its service boundary. The water division of the Utilities Department serves a population of approximately 45,000. Existing land uses consists primarily of single and multi-family homes, but also includes commercial and industrial zones.

CWA has one principal source of water supply, local groundwater pumped from the CWA-owned wells. There are currently six wells within the City's distribution system. The total pumping capacity of active wells is approximately 11,759 gallons per minute (gpm) or 16.5 million gallons per day (MGD).

**DISCUSSION/ANALYSIS**

The Well #12 Pumping Plant is critical to the City's ability to provide water to its residents. This plant has a booster station that sustains adequate pressures with the use of three pumps. Department Staff visit every Well Site and Reservoir on a daily basis to record data, inspect sites, and report any concerns.

Earlier this year staff reported concerns regarding Booster #3, noticing possible bearing noises while the pump was running and upon further investigation identifying shaft deflection. Staff concluded that the pump should be disassembled and inspected further.

South West Pump and Drilling, a local pump in drilling company disassembled the pump and provided a report identifying damage and need for repairs. Attached is the report provided by South West Pump.

**FISCAL IMPACT:**

A request to appropriate \$27,786.63 from the reserve balance in the Water Utility Fund and placed in the budget line item for Repair and Maintenance Services (Operations).

**ATTACHMENTS:**

1. Inspection Report
2. Quote – Recondition Split Case Pump