



**STAFF REPORT**  
**6/8/2022**

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

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

**SUBJECT:** Approve award of contract to HydroPro Solutions, Inc for the installation of Master Meter AMI Hardware in the amount of \$258,865.34.

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**STAFF RECOMMENDATION:**

Authorize the City Manager to execute a contract with HydroPro Solutions, Inc for the installation of Master Meter AMI Hardware in the amount of \$258,865.34.

**DISCUSSION/ANALYSIS:**

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 Utilities Department serves a population of approximately 45,000 and a service area size of approximately 53 square miles. There are approximately 8,800 (meter) connections to the system.

The existing metering system for CWA is read through an Automated Meter Reading (AMR) and Advanced Metering Infrastructure (AMI) system. Currently staff drives around with a receiver in their vehicle, which polls the meter register for customer usage data. The data is collected by the receiver.

The City of Coachella has received a Watersmart Water and Energy Efficiency Grant from the U.S. Bureau of Reclamation which supports water management projects. The project will conserve water by providing customer real-time feedback about water usage and increase the ability to detect water leaks on the customer side. Increase efficiency in water management will be realized through a reduction in staff time to read meters.

The City of Coachella proposes to install the required hardware through HydroPro Solutions, Inc who in California is Master Meter's exclusive distributor. Attached to this report is the letter from Master Meter describing this exclusive agreement. The installation will consist of three base stations and seven repeaters to collect data from Advanced Meter Infrastructure (AMI) registers on water meters. The goal is to transmit the data to a cloud based data server accessible to customers and customer service representatives.

The total cost of this request is: \$258,865.34

Construction Contract	\$235,168.49
Construction Contingency %10	\$23,516.85

**FISCAL IMPACT:**

The U.S. Bureau of Reclamation will contribute \$75,000 in project funding under a reimbursement agreement. The remaining funding for this project will be sourced from bond proceeds from the refunding issuance of the 2022A Water Bonds or ARPA funding depending on the applicable allocation of project costs and funding restrictions. Council appropriates the contract amount of \$258,865.34 and approves applicable transfers from the applicable fund (361 for bond funding, 152 for ARPA funding and U.S. Bureau of Reclamation funds) to the water fund (361).