



# PROFESSIONAL SERVICES AGREEMENT FOR PUMP EFFICIENCY AND METER TESTING

## Water Operations

**Board of Public Utilities**  
May 22, 2023

RiversideCA.gov

## BACKGROUND

1. RPU operates a total of about 216 pumps:
  - a) 39 booster pump stations (generally 3 to 4 pumps per station)
  - b) 50 wells
2. Efficiencies of a pump will decline over time due to:
  - a) Wear and tear
  - b) Declining water levels
3. As pump efficiencies decline, the amount of energy consumed increases
  - a) increasing operating costs
  - b) causing the system to be less reliable and less efficient.



## BACKGROUND

4. 198 facility flow meters
  - a) Well
  - b) Booster pump
  - c) Inter agency delivery
5. Flow meters are calibrated for accuracy
6. Flow meter test results and calibration reports are submitted to State Water Resources Control Board.



3

RiversideCA.gov

## DISCUSSION

1. The request for proposal for pump efficiency and meter testing was advertised on September 15, 2022.
2. The proposals below were received on October 25, 2022.

Criterion	Maximum Possible Score	Pump Check	Downstream Serv.
Qualification Scores	700	690	637
Cost Scores	300	300	31
Total	1000	990	668
Rank		1	2

3. Staff has reviewed all provided documentation and has determined that Pump Check has met all the requirements of the specifications.



4

RiversideCA.gov

## STRATEGIC PLAN ALIGNMENT



### Strategic Priority 4 - Environmental Stewardship

Goal 4.2 - Sustainably manage local water resources to maximize reliability and advance water reuse to ensure safe, reliable drinking water.



Community Trust



Fiscal Responsibility



Sustainability &  
Resiliency



Equity



Innovation



5

RiversideCA.gov

## RECOMMENDATIONS

That the Board of Public Utilities:

1. Recommend that the City Council approve the Professional Consultant Services Agreement for Pump Efficiency and Meter Testing Services, with Jon Lee DBA Pump Check, of Riverside, California, in an amount not-to-exceed \$300,000, through February 1, 2025 with one optional two-year extension;
2. Recommend that the City Council authorize the City Manager, or designee, to execute the Professional Consultant Services Agreement and the optional extension, including making minor and non-substantive changes; and
3. Approve Work Order No. 2313756 for the Professional Consultant Services Agreement with Jon Lee DBA Pump Check the in the amount of \$300,000.



RiversideCA.gov