



## Services Agreement for Pump Efficiency and Meter Testing

Board of Public Utilities  
February 12, 2017

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### BACKGROUND

1. RPU operates a total of about 216 pumps:
  - a) 44 booster pump stations (3 to 4 pumps per station)
  - b) 66 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.



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## BACKGROUND

4. 216 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.



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## DISCUSSION

1. The request for proposal for pump efficiency and meter testing was advertised on September 8, 2017.
2. One proposal was received on October 3, 2017.
3. During the proposal review a PO with the previous fiscal year's vendor (Pump Check) was issued to ensure no interruption in service.
4. Staff has reviewed all provided documentation and has determined that Pump Check has met all of the requirements of the specifications.



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## Recommendations

That the Board of Public Utilities:

1. Approve a Services Agreement with Jon R. Lee and Martha L. Lee DBA Pump Check, of Riverside, California, from Request for Proposals No. 1745 for Pump Efficiency and Meter Testing Services, in an amount not-to-exceed \$265,000; and
2. Authorize the City Manager, or his designee, to execute the Services Agreement with Jon R. Lee and Martha L. Lee DBA Pump Check, including making minor and non-substantive changes including the optional one year contract extension.



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