



# County of Monterey

Board of Supervisors  
Chambers  
168 W. Alisal St., 1st Floor  
Salinas, CA 93901

## Board Report

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**File #:** WRAG 17-214, **Version:** 1

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Consider approving Amendment No. 2 for \$25,000 to the Agreement for Professional Services with Power Systems Professionals for electrical and mechanical engineering and testing services for the Nacimiento Hydroelectric Plant, and authorizing the General Manager to execute the Amendment.

### RECOMMENDATION:

It is recommended that the Monterey County Water Resources Agency Board of Directors:

Approve Amendment No. 2 for \$25,000 to the Agreement for Professional Services with Power Systems Professionals for electrical and mechanical engineering and testing services for the Nacimiento Hydroelectric Plant, and authorize the General Manager to execute the Amendment.

### SUMMARY/DISCUSSION:

The Nacimiento Hydroelectric Power Plant began operation in 1987. The majority of equipment is original. From time to time, specialized electrical and mechanical knowledge is needed to troubleshoot problems that arise, test equipment and instrumentation and make adjustments or repairs. The scope of work under this Agreement is general in nature to provide access to engineers and technicians specializing in hydroelectric power plants for as-needed work.

Power Systems Professionals performed testing and verification of Nacimiento Hydroelectric Power Plant equipment and Plant commissioning after major repairs performed in 2013, performed an Arc Flash Study and equipment labelling and MCWRA staff training in 2014, and performed generator and battery testing in spring 2017. This Amendment No. 2 retains access to Power Systems Professionals for as-needed electrical and mechanical engineering services at the Nacimiento Hydroelectric Power Plant to help minimize operational disruptions by troubleshooting and testing equipment, consulting regarding needed upgrades, and training staff as needed.

An Agreement with Power Systems Professionals was signed in March 2017 for \$3,000 and amended in May 2017 for an additional \$22,000 for performing equipment testing and reporting. Amendment No. 2 increases the amount payable under the Agreement by \$25,000 to a new not-to-exceed amount of \$50,000, and extends the Term of the Agreement by one year to December 31, 2018.

### OTHER AGENCY INVOLVEMENT:

None.

### FINANCING:

The amount of this contract is payable from Fund 130 - Hydroelectric Plant Operation and Maintenance, fiscal year 2017-18.

Prepared by: Chris Moss, Senior Water Resources Engineer (831) 755-4860

Approved by:

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David E. Chardavoyne, General Manager, (831)755-4860

Attachments:

1. Board Order
2. Amendment No. 2
3. Amendment No. 1
4. Original Agreement for Professional Services