

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov

**NOTICE OF PROPOSED AWARD (NOPA)**

**Group 2: Technology Demonstration and Deployment
Advancing Water and Energy Efficient Strategies and Technologies in California
GFO-15-317
March 11, 2016**

On November 20, 2015, the California Energy Commission (Energy Commission) released a competitive solicitation titled “Advancing Water and Energy Efficient Strategies and Technologies in California” under the Electric Program Investment Charge (EPIC). Up to \$15,000,000 of EPIC funding is available to fund applications in the following project groups:

- Group 1: Applied Research and Development
- Group 2: Technology Demonstration and Deployment
- Group 3: Market Facilitation

The Energy Commission subsequently increased the amount available to Group 2 by \$1,849,515 for a total solicitation amount of \$16,849,515.

This NOPA identifies selected projects for Group 2 only. A NOPA for Group 3 was posted on March 3, 2016. Group 1 is currently being scored and it is anticipated that this NOPA will be posted in April 2016.

The Energy Commission received 17 proposals for Group 2 by the due date of February 8, 2016. Each proposal was screened, reviewed, evaluated and scored using the criteria in the solicitation. Nine proposals passed the Stage One Application Screening.

The attached “Notice of Proposed Awards” identifies each applicant selected and recommended for funding by Energy Commission staff and includes the recommended funding amount and score. The total amount recommended for Group 2 is \$9,849,515.

Funding of proposed projects resulting from this solicitation is contingent upon the approval of these projects at a publicly noticed Energy Commission Business Meeting and execution of a grant agreement. If the Energy Commission is unable to timely negotiate and execute a funding agreement with an Applicant, the Energy Commission, at its sole discretion, reserves the right to cancel or otherwise modify the pending award, and award the funds to another applicant.

In addition, the Energy Commission reserves the right to: 1) increase or decrease the available funding and the group minimum/maximum award amounts described in the solicitation and 2) negotiate with successful applicants to modify the project scope, schedule, and/or level of funding.

This notice is being mailed to all parties who submitted an application to this solicitation and is also posted on the Energy Commission's website at: www.energy.ca.gov/contracts/.

For information, please contact Phil Dyer at (916) 654-4651 or Phil.Dyer@energy.ca.gov

Phil Dyer

Commission Agreement Officer



California Energy Commission
GFO-15-317
Advancing Water and Energy Efficient Strategies and Technologies in California

Group 2: Technology Demonstration and Deployment

Notice of Proposed Awards

March 11, 2016

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Proposed Awards							
1	Kennedy/Jenks Consultants, Inc.	Biofiltration as an Advanced Primary Treatment Method to Achieve Substantial Energy Savings	\$1,306,185	\$1,306,185	\$271,750	92.45	Awardee
2	Victor Valley Wastewater Reclamation Authority (VWVRA)	Victor Valley Wastewater Reclamation Authority (VWVRA) - Renewable Energy Storage and Recycled Water Project	\$1,734,059	\$1,734,059	\$902,215	88.51	Awardee
3	Tomorrow Water dba BKT United	Gravity-Based, Low Energy Biofilter with Low Backwash Rate for Nitrogen Removal in Groundwater	\$1,722,072	\$1,722,072	\$417,497	88.17	Awardee
4	EPRI	Energy Efficiency and Water Savings in Agriculture by Innovative Plant-Aware Irrigation System	\$1,098,003	\$1,098,003	\$331,000	86.89	Awardee
5	UC Davis	Winery Water and Energy Savings	\$1,989,201	\$1,989,201	\$404,625	84.37	Awardee
6	EPRI	Cooling Tower Water Treatment using Vortex Process Technology for Energy and Water Savings	\$1,999,995	\$1,999,995	\$449,990	83.15	Awardee
Total			\$9,849,515	\$9,849,515	\$2,777,077		



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<i>Passed but Not Funded</i>							
7	American Water Works Company, Inc.	Demonstrating Innovative Leakage Reduction Strategies: Correlating Continuous Acoustic Monitoring, Satellite Imagery and Flow Sensitive Pressure Reducing Valve System	\$1,517,780	\$0	\$391,461	74.95	Finalist
Total			\$1,517,780	\$0	\$391,461		
<i>Did Not Pass</i>							
	BDP Technologies	Wastewater Treatment Plant Upgrades with Water Reuse Application for Apple Valley Los Ranchos Manufactured Home Community	\$1,431,163	\$0	\$300,000		Did Not Pass
	Opterra Energy Services	Gonzales Natural Wastewater Treatment Project	\$2,000,000	\$0	\$400,000		Did Not Pass
Total			\$3,431,163	\$0	\$700,000		



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Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Disqualified							
	Xeros Inc.	Accelerate market adoption of the Xeros washing system in commercial laundry operations in California to reduce water use by 80% and energy use by 50% when compared with traditional laundry equipment	\$2,000,000	\$0	\$3,956,829		Disqualified
	Constellation Brands U.S. Operations, Inc.	Bioelectrical Wastewater Treatment for Energy Production and Water Reuse at Mission Bell Winery	\$2,000,000	\$0	\$2,352,000		Disqualified
	Lost Coast Brewing Company	Bioelectrical Wastewater Treatment for Energy Efficiency, Renewable Energy Production, and Water Reuse at Lost Coast Brewing Company	\$2,000,000	\$0	\$1,190,935		Disqualified
	Jahant Woods Cellars	Bioelectrical Wastewater Treatment for Energy Efficiency, Renewable Energy Production, and Water Reuse at LangeTwins Winery	\$2,000,000	\$0	\$1,115,850		Disqualified
	Firestone Walker Brewing Company	Bioelectrical Wastewater Treatment for Energy Efficiency, Renewable Energy Production, and Water Reuse at Firestone Walker Brewing Company	\$2,000,000	\$0	\$1,461,971		Disqualified



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Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
	Amy's Kitchen	Bioelectrical Wastewater Treatment for Energy Efficiency, Renewable Energy Production, and Water Reuse at Amy's Kitchen	\$2,000,000	\$0	\$3,197,000		Disqualified
	American Water Works Company, Inc.*	Demonstrating Innovative Leakage Reduction Strategies: Correlating Continuous Acoustic Monitoring, Satellite Imagery and Flow Sensitive Pressure Reducing Valve System	\$1,517,780	\$0	\$391,461		Disqualified
	Silicon Valley Clean Water	Maximizing Water and Energy from New Anaerobic Wastewater Treatment Technology	\$1,999,617		\$1,209,943		Disqualified
	BDP Technologies	Rehabilitating Plant 1 of City of Rialto Wastewater Treatment System	\$1,989,201	\$0	\$424,000		Disqualified
Total			\$17,506,598	\$0	\$15,299,989		
Grand Total			\$32,305,056	\$9,849,515	\$19,168,527		

* This is a duplicative application to the Rank Number 7 project for American Water Works Company, Inc.