NOTICE OF PROPOSED AWARD (NOPA)

The EPIC Challenge: Accelerating the Deployment of Advanced Energy Communities

GFO-15-312

March 25, 2016

On November 24, 2015, the California Energy Commission released a competitive solicitation titled “The EPIC Challenge: Accelerating the Deployment of Advanced Energy Communities” under the Electric Program Investment Charge (EPIC) Program. The purpose of this solicitation is to fund a competition that will challenge project teams comprised of building developers, local governments, technology developers, researchers, utilities, and other project partners to develop innovative and replicable approaches for accelerating the deployment of Advanced Energy Communities. Up to $48,253,180 million in EPIC funding is available for grants awarded under this solicitation. This NOPA identifies selected projects for Groups 1 to 4. An amendment to this solicitation manual with additional details and criteria for Phase II will be provided at a future date. Eligible applicants will be required to submit a new proposal that meets the additional criteria of the Phase II solicitation manual amendment.

The Energy Commission received ten proposals for Group 1, seven proposals for Group 2, five proposals for Group 3, and six proposals for Group 4 by the due date of February 17, 2016. The proposals were screened, reviewed, evaluated and scored using the criteria in the solicitation.

The attached “Notice of Proposed Award” identifies the Applicants that are recommended for funding by Energy Commission staff and includes the recommended funding amount and score. The total amount recommended for Group 1 is $5,813,555. The total amount recommended for Group 2 is $2,957,388. The total amount recommended for Group 3 is $4,156,030. The total amount recommended for Group 4 is $5,997,996.

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

This notice is being mailed to the Applicants of this solicitation and is also posted on the Energy Commission’s website at: www.energy.ca.gov/contracts/.

For information, please contact Janna Franks by phone at (916) 654-4921 or by email at Janna.Franks@energy.ca.gov.

Janna Franks
Commission Agreement Officer
California Energy Commission
1516 Ninth Street, MS-18
Sacramento, CA 95814
### Group 1: Advanced Energy Community: Northern California

<table>
<thead>
<tr>
<th>Rank Number</th>
<th>Project Applicant</th>
<th>Title</th>
<th>Energy Commission Funds Requested</th>
<th>Energy Commission Funds Recommended</th>
<th>Match Funds</th>
<th>Score</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The Regents of the University of California - Berkeley</td>
<td>The Oakland EcoBlock - A ZNE, Low Water Use Retrofit Neighborhood Demonstration Project</td>
<td>$1,500,000</td>
<td>$1,500,000</td>
<td>$769,846</td>
<td>87.94</td>
<td>Awardee</td>
</tr>
<tr>
<td>2</td>
<td>Olidata Smart Cities</td>
<td>ZipPower San Leandro</td>
<td>$1,495,338</td>
<td>$1,495,338</td>
<td>$486,000</td>
<td>83.98</td>
<td>Awardee</td>
</tr>
<tr>
<td>3</td>
<td>Natural Capitalism Solutions dba Clean Coalition</td>
<td>Peninsula Advanced Energy Community</td>
<td>$1,319,003</td>
<td>$1,319,003</td>
<td>$330,000</td>
<td>80.20</td>
<td>Awardee</td>
</tr>
<tr>
<td>4</td>
<td>City of Berkeley</td>
<td>Berkeley Energy Assurance Transformation (BEAT) Project</td>
<td>$1,499,214</td>
<td>$1,499,214</td>
<td>$248,009</td>
<td>79.83</td>
<td>Awardee</td>
</tr>
</tbody>
</table>

**Total**                                               | $5,813,555                        | $5,813,555                          | $1,833,855                        |

### Group 1 Passed But Not Funded

<table>
<thead>
<tr>
<th>Rank Number</th>
<th>Project Applicant</th>
<th>Title</th>
<th>Energy Commission Funds Requested</th>
<th>Energy Commission Funds Recommended</th>
<th>Match Funds</th>
<th>Score</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Willdan Energy Solutions</td>
<td>SFSU Advanced Energy Community Microgrid</td>
<td>$1,444,378</td>
<td>$</td>
<td>$524,900</td>
<td>78.15</td>
<td>Finalist</td>
</tr>
<tr>
<td>6</td>
<td>BIRAenergy</td>
<td>Collaborative Innovations for Accelerating the Deployment of Advanced Energy Communities</td>
<td>$1,500,000</td>
<td>$</td>
<td>$100,000</td>
<td>77.09</td>
<td>Finalist</td>
</tr>
</tbody>
</table>

**Total**                                               | $2,944,378                        | $                                  | $624,900                          |
# California Energy Commission

**GFO-15-312**

The EPIC Challenge: Accelerating the Deployment of Advanced Energy Communities

**Notice of Proposed Award**

Groups 1 to 4

March 25, 2015

<table>
<thead>
<tr>
<th>Rank Number</th>
<th>Project Applicant</th>
<th>Title</th>
<th>Energy Commission Funds Requested</th>
<th>Energy Commission Funds Recommended</th>
<th>Match Funds</th>
<th>Score</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>City of Gonzales Advanced Community Microgrid Project</td>
<td>The Offset Project, Inc.</td>
<td>$1,129,948</td>
<td>$</td>
<td>-</td>
<td>$89,000</td>
<td>Did Not Pass</td>
</tr>
<tr>
<td></td>
<td>University of California, Davis</td>
<td>Developing Innovative Approaches to Accelerate the Deployment of Advanced Energy Communities in Northern California</td>
<td>$1,500,000</td>
<td>$</td>
<td>-</td>
<td>$48,675</td>
<td>Did Not Pass</td>
</tr>
<tr>
<td></td>
<td>City and County of San Francisco, Department of the Environment</td>
<td>San Francisco SOMA Advanced Energy Community</td>
<td>$1,480,822</td>
<td>$</td>
<td>-</td>
<td>$1,534,963</td>
<td>Did Not Pass</td>
</tr>
<tr>
<td></td>
<td>Cleantech Institute, Inc.</td>
<td>No title stated</td>
<td>$1,500,000</td>
<td>$</td>
<td>-</td>
<td>$321,144</td>
<td>Did Not Pass</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$5,610,770</strong></td>
<td><strong>$</strong></td>
<td>-</td>
<td><strong>$1,993,782</strong></td>
<td></td>
</tr>
</tbody>
</table>
## Group 2: Advanced Energy Community: Southern California

### Group 2 Proposed Awards

<table>
<thead>
<tr>
<th>Rank Number</th>
<th>Project Applicant</th>
<th>Title</th>
<th>Energy Commission Funds Requested</th>
<th>Energy Commission Funds Recommended</th>
<th>Match Funds</th>
<th>Score</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The Zero Net Energy (ZNE) Alliance</td>
<td>Lancaster Advanced Energy Community (AEC) Project</td>
<td>$1,469,779</td>
<td>$1,469,779</td>
<td>$1,500,000</td>
<td>86.90</td>
<td>Awardee</td>
</tr>
<tr>
<td>2</td>
<td>City of Santa Monica</td>
<td>Santa Monica Advanced Energy District</td>
<td>$1,487,609</td>
<td>$1,487,609</td>
<td>$227,930</td>
<td>75.48</td>
<td>Awardee</td>
</tr>
</tbody>
</table>

**Total** | $2,957,388 | $2,957,388 | $1,727,930 |

### Group 2 Did Not Pass

<table>
<thead>
<tr>
<th>Rank Number</th>
<th>Project Applicant</th>
<th>Title</th>
<th>Energy Commission Funds Requested</th>
<th>Energy Commission Funds Recommended</th>
<th>Match Funds</th>
<th>Score</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Regents of the University of California - Los Angeles</td>
<td>Neighborhood Energy Trading (NET) Programs as a Pathway to Net-Zero Energy Communities: A Hermosa Beach Master Community Plan</td>
<td>$</td>
<td>1,369,912</td>
<td>$16,500</td>
<td>Did Not Pass</td>
<td></td>
</tr>
<tr>
<td></td>
<td>University of California, Davis</td>
<td>Developing Innovative Approaches to Accelerate the Deployment of Advanced Energy Communities in Southern California</td>
<td>$</td>
<td>1,500,000</td>
<td>48,675</td>
<td>Did Not Pass</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Local Government Commission</td>
<td>Integrated Community Resource Marketplace</td>
<td>$</td>
<td>1,498,742</td>
<td>362,399</td>
<td>Did Not Pass</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TERI, Inc.</td>
<td>TERI Hybrid AC/DC Microgrid</td>
<td>$</td>
<td>1,499,569</td>
<td>193,569</td>
<td>Did Not Pass</td>
<td></td>
</tr>
</tbody>
</table>

**Total** | $5,868,223 | - | $621,143 |

### Group 2 Disqualified

<table>
<thead>
<tr>
<th>Project Applicant</th>
<th>Title</th>
<th>Energy Commission Funds Requested</th>
<th>Match Funds</th>
<th>Score</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Chula Vista</td>
<td>Chula Vista Bayfront Advanced Energy Community</td>
<td>$1,092,041</td>
<td>$655,316</td>
<td>Did Not Pass</td>
<td></td>
</tr>
</tbody>
</table>

**Total** | $1,092,041 | - | $655,316 |
<table>
<thead>
<tr>
<th>Rank Number</th>
<th>Project Applicant</th>
<th>Title</th>
<th>Energy Commission Funds Requested</th>
<th>Energy Commission Funds Recommended</th>
<th>Match Funds</th>
<th>Score</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Biodico, Inc.</td>
<td>Zero Net Energy Farms</td>
<td>$1,175,919</td>
<td>$1,175,919</td>
<td>$1,076,419</td>
<td>90.97</td>
<td>Awardee</td>
</tr>
<tr>
<td>2</td>
<td>The Zero Net Energy (ZNE) Alliance</td>
<td>Richmond Advanced Energy Community Project</td>
<td>$1,480,111</td>
<td>$1,480,111</td>
<td>$1,090,125</td>
<td>86.15</td>
<td>Awardee</td>
</tr>
<tr>
<td>3</td>
<td>Local Government Commission</td>
<td>Integrated Community Resource Marketplace</td>
<td>$1,500,000</td>
<td>$1,500,000</td>
<td>$12,445</td>
<td>72.32</td>
<td>Awardee</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$4,156,030</strong></td>
<td><strong>$4,156,030</strong></td>
<td><strong>$2,178,989</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Group 3 Did Not Pass**

<table>
<thead>
<tr>
<th>Rank Number</th>
<th>Project Applicant</th>
<th>Title</th>
<th>Energy Commission Funds Requested</th>
<th>Energy Commission Funds Recommended</th>
<th>Match Funds</th>
<th>Score</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Peña's Disposal, Inc.</td>
<td>Peña Organic Energy Park</td>
<td>$709,500</td>
<td>$</td>
<td>$</td>
<td></td>
<td>Did Not Pass</td>
</tr>
<tr>
<td></td>
<td>Advanced Microgrid Solutions, Inc.</td>
<td>Bayview Hunter's Point Community Storage Project</td>
<td>$1,500,000</td>
<td>$</td>
<td>$2,073,813</td>
<td></td>
<td>Did Not Pass</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$2,209,500</strong></td>
<td><strong>$</strong></td>
<td><strong>$2,073,813</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rank</td>
<td>Project Applicant</td>
<td>Title</td>
<td>Energy Commission Funds Requested</td>
<td>Energy Commission Funds Recommended</td>
<td>Match Funds</td>
<td>Score</td>
<td>Award Status</td>
</tr>
<tr>
<td>------</td>
<td>-------------------</td>
<td>-------</td>
<td>-----------------------------------</td>
<td>------------------------------------</td>
<td>-------------</td>
<td>-------</td>
<td>--------------</td>
</tr>
<tr>
<td>1</td>
<td>Regents of the University of California - Los Angeles</td>
<td>Accelerating AEC Deployment Around Existing Buildings in Disadvantaged Communities Through Unprecedented Data Analysis and Comprehensive Community Engagement</td>
<td>$1,497,996</td>
<td>$1,497,996</td>
<td>$351,429</td>
<td>77.95</td>
<td>Awardee</td>
</tr>
<tr>
<td>2</td>
<td>Groundwork San Diego - Chollas Creek</td>
<td>EnSEED (Encanto Social-Economic and environmental Education Development)</td>
<td>$1,500,000</td>
<td>$1,500,000</td>
<td>$520,000</td>
<td>77.03</td>
<td>Awardee</td>
</tr>
<tr>
<td>3</td>
<td>Charge Bliss, Inc.</td>
<td>The Charge Bliss Advanced Renewable Energy Community for Disadvantaged Southern California Community</td>
<td>$1,500,000</td>
<td>$1,500,000</td>
<td>$96,937</td>
<td>76.39</td>
<td>Awardee</td>
</tr>
<tr>
<td>4</td>
<td>Advanced Power and Energy Program, University of California, Irvine</td>
<td>Huntington Beach Advanced Energy Community Blueprint</td>
<td>$1,500,000</td>
<td>$1,500,000</td>
<td>$810,998</td>
<td>74.38</td>
<td>Awardee</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$5,997,996</strong></td>
<td><strong>$5,997,996</strong></td>
<td><strong>$1,779,364</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Group 4 Did Not Pass**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Project Applicant</th>
<th>Title</th>
<th>Energy Commission Funds Requested</th>
<th>Energy Commission Funds Recommended</th>
<th>Match Funds</th>
<th>Score</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Limoneira Company</td>
<td>Limoneira Agri-Energy Campus</td>
<td>$995,410</td>
<td>$995,410</td>
<td>-</td>
<td>Did Not Pass</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cleantech Institute, Inc.</td>
<td>No title stated</td>
<td>$1,500,000</td>
<td>$1,500,000</td>
<td>$336,087</td>
<td>Did Not Pass</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$2,495,410</strong></td>
<td><strong>$2,495,410</strong></td>
<td><strong>$336,087</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Grand Total</strong></td>
<td></td>
<td><strong>$39,145,291</strong></td>
<td><strong>$18,924,969</strong></td>
<td><strong>$13,825,179</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>