

This document provides the Energy Commission with basic information about the Applicant and its subcontractors. Each Applicant must complete, sign and include this attachment in its Application.

Applicant's Legal Name	Federal ID Number
Department of the Environment-City and County of San Francisco	94-6000417

Proposed Term	
Start Date	End Date
6/1/2013	3 / 31/ 15

Funding	
Amount of Funds Requested	\$ 300,000
Match Funding	\$ 300,000
Source of Match:	<input checked="" type="checkbox"/> Cash <input checked="" type="checkbox"/> In-Kind <input type="checkbox"/> Prior Investments

Title of Project
Energizing Our Future: Community Integrated Renewable Energy (CIRE) Assessment

Project Location
City and County of San Francisco Central Corridor-between 2 nd & 6 th Streets and Market & Townsend Streets

Project Description (brief paragraph)
 The City and County of San Francisco proposes to launch the Community Integrated Renewable Energy (CIRE) assessment project which will build on planning work currently underway for the Central Corridor Eco-District, a community extending from 2nd Street to 6th Street and Market St to Townsend St in the City's South of Market area. This proposed project will investigate the feasibility and economics of a community wide renewable energy system via the use of an enabling technology (such as a smart or microgrid) that manages renewable generation, distribution and storage within a community / Eco-District. Demand management will be integrated within the grid enabling technology to enable community partners to non-intrusively achieve energy reductions from continually shifting and managing load to participate in demand response schemes. In addition to solar and biogas, the project will investigate innovative technologies and opportunities to integrate water, transportation, and energy planning, such as water-based thermal storage and regenerative braking energy from public transportation, and will provide plans for interfacing with an existing steam-based district energy system, including adding cogeneration, renewable fuels and district electricity distribution.

California Environmental Quality Act (CEQA) Compliance
1. Is Contract considered a "Project" under CEQA? <input type="checkbox"/> Yes: skip to question 2 <input checked="" type="checkbox"/> No: complete the following (PRC 21065 and 14 CCR 15378): Explain why contract is not considered a "Project": Contract will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because It is a planning document.
2. If contract is considered a "Project" under CEQA, have you complied? <input type="checkbox"/> Yes (if so, provide documentation in application) <input type="checkbox"/> No

Applicant's Project Manager (serves as point of contact for all communications)	
Name:	Danielle Murray
Address:	SF Environment 11 Grove
City, State, Zip:	San Francisco
Phone/ Fax:	415-355-3715
E-Mail:	danielle.murray@sfgov.org

Applicant Is
<input type="checkbox"/> Private Company (including non-profits)
<input type="checkbox"/> CA State Agency (including UC and CSU)
<input checked="" type="checkbox"/> Government Entity (i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)

Proprietary/ Confidential Information:
<input type="checkbox"/> Yes (all confidential documents must be submitted in a separately sealed and clearly designated package)
<input checked="" type="checkbox"/> No – Application does not contain proprietary information, unrestricted distribution is authorized.

Is Applicant subcontracting any services?	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
ARUP		
Insert Subcontractor Legal Name		
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Project Work Site Location San Francisco's Central Corridor Eco-District

IOU Service Territory (PG&E, SCE, SDG&E) PG&E

Research Area Addressed – Please check only one

- A) Community Scale Renewable Energy Integration Demonstration
- B) Community Scale Renewable Energy Integration Exploration
- C) Breakthrough Community Scale Renewable Energy Technology Development

Renewable Energy and Enabling Technologies Targeted – Please check at least one of each

Renewable Resources (Electricity)

- Solar PV
- Concentrating PV
- Solar thermal
- Wind energy
- Biomass/biogas
- Small low-impact hydro
- Geothermal
- Other _____

Enabling Technologies

- Energy efficiency
- Demand response
- Battery storage
- Thermal storage
- Grid integration technologies
- Electric vehicle (EV) charging
- Fuel cells
- CHP/CCHP
- Geothermal heat pumps
- Solar hot water
- Other Micro-grid

ATTACHMENT 1 PON APPLICATION FORM

1. Project Costs

PIER Funding Requested \$ 300,000 Match Funding Offered \$ 300,000 Total \$ 600,000

2. California-Based Spending

PIER Funding Spent in CA \$ 300,000 Percentage of PIER Funds 100%

3. Funding Detail

	Organization Name	PIER Funding	PIER \$ Spent in California	Match Funding
Prime Recipient	City and County of San Francisco	\$50,000	100%	\$250,000
Sub # 1	Arup	\$250,000	100%	\$50,000
Sub # 2				
Sub # 3				
TOTAL				

4. Average Loaded Hourly Rates

Average Loaded Rate as calculated in Attachment B-8 \$ 126.33

(please use additional sheets as necessary)



ATTACHMENT 1 PON APPLICATION FORM

Certifications:

I hereby authorize the California Energy Commission to make any inquiries necessary to verify the information I have presented in my Application.

I hereby certify to the best of my knowledge and belief that I have read, understand, and do hereby accept the terms and conditions contained in this PON package, including the provisions of the Agreement Terms and Conditions and, further, I am willing to enter into an agreement with the Commission to conduct the proposed project according to the terms and conditions without negotiation.

I hereby certify to the best of my knowledge that the information contained in this Application is correct and complete.

Signature of Principal Investigator/ Project Manager		Date:	12/10/12
Signature of Authorized Representative		Date:	10/10/12