File No. 130649	Committee Item No.	11
	Board Item No	33

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

Committee: Budget and Finance Sub-Committee Date: 07/17/2013	
Board of Supervisors Meeting Date: July 23, 2013	<u> </u>
Cmte Board	
Motion Resolution Ordinance Legislative Digest Budget and Legislative Analyst Report Legislative Analyst Report Youth Commission Report Introduction Form Department/Agency Cover Letter and/or Report MOU Grant Information Form Grant Budget Subcontract Budget Contract/Agreement Form 126 – Ethics Commission Award Letter Application Public Correspondence	
OTHER (Use back side if additional space is needed)	
Completed by: Victor Young Date July 12, 2013 Completed by: Victor Young Date Date	

[Accept and Expend Grant - Community Scale Renewable Energy Integration - Central Corridor EcoDistrict - \$300,000]

Resolution authorizing the Department of the Environment to retroactively accept and expend a grant of \$300,000 from the California Energy Commission for the purpose of exploring Community Scale Renewable Energy Integration in San Francisco's Central Corridor Eco-District for the period of June 1, 2013, to March 31, 2015.

WHEREAS, The California Energy Commission (CEC) released a Request for Proposal for research, development, and demonstration projects that demonstrate optimized community-specific renewable energy systems; develop the tools and models to quantify the impacts and benefits of increasing local renewable energy penetration in California's communities; and develop breakthrough renewable energy technologies to effectively take advantage of existing localized renewable resources for electricity generation; and

WHEREAS, Funding from the CEC will support the creation of a plan to integrate renewable energy and supporting technologies into existing plans for a Central Corridor EcoDistrict; and

WHEREAS. The Board of Supervisors adopted goals for greenhouse gas emissions reductions; and

WHEREAS, The Board of Supervisors passed a resolution endorsing the San Francisco Public Utility Commission's 2011 Updated Electricity Resource Plan, which recommended implementing Community Scale Energy Systems, pilot electric storage projects, and "Green Test Bed" demonstration projects; and

Department of Environment **BOARD OF SUPERVISORS**

Page 1 7/09/2013 WHEREAS, Several municipal departments, including Planning and the San Francisco Public Utilities Commission are cooperating to study and plan for greenhouse gas reductions through neighborhood scale energy systems in the Central Corridor Area; and

WHEREAS, This funding will help the City move toward its emission reduction goals and objectives laid out in the Electricity Resource Plan; and

WHEREAS, Participating in this process will support the City's continued reputation as a national leader in municipal sustainability; and

WHEREAS, The term of this grant is from June 1, 2013 to March 31, 2015; and

WHEREAS, The grant allows for Indirect costs of \$10,444; and

WHEREAS, The grant does not require an Annual Salary Ordinance (ASO) amendment; now, therefore, be it

RESOLVED, That the Board of Supervisors hereby authorizes the Director of the Department of the Environment to accept and expend \$300,000 from the California Energy Commission to support Community Scale Renewable Energy Integration Exploration in the Central Corridor EcoDistrict.

निecommended:

Department Head

Approved:

Mayor

Approved:

Controller, Grant Division

Department of Environment BOARD OF SUPERVISORS

Page 2 7/09/2013

TO:	Angela Calvillo, Clerk of the Board of Supervisors					
FROM:	The Department of the Environment					
DATE:	June 14, 2013					
SUBJECT:	Accept and Expend Resolution for State Grant					
GRANT TITLE:	Community Integrated Renewable Energy Project (CIRE) in San Francisco's Central Corridor Eco-District					
Attached please fi	nd the original and 4 copies of each of the following:					
X Proposed gra	nt resolution; original signed by Department, Mayor, Controller					
X Grant informa	tion form, including disability checklist					
X Grant budget						
X Grant applicat	ion					
X Grant award le	etter from funding agency					
Other (Explain)						
Special Timeline Requirements:						
Departmental rep	resentative to receive a copy of the adopted resolution:					
Name: Rachel Bue	rkle Phone:415-355-3704					
Interoffice Mail Ado	ress:					
Certified copy requ	ired Yes No X					
(Note: certified copies to	nave the seal of the City/County affixed and are occasionally required by					

File Number:	
	(Provided by Clerk of Board of Supervisors)

Grant Resolution Information Form

(Effective July 2011)

Purpose: Accompanies proposed Board of Supervisors resolutions authorizing a Department to accept and expend grant funds.

The following describes the grant referred to in the accompanying resolution:

- 1. Grant Title: Energizing our Future: Central Corridor Community Renewable Energy Project
- 2. Department: Department of the Environment
- 3. Contact Person: Rachel Buerkle

Telephone: 415-355-3704

4. Grant Approval Status (check one):

[X] Approved by funding agency

[] Not yet approved

- 5. Amount of Grant Funding Approved or Applied for: \$300,000
- 6a. Matching Funds Required: \$300,000
- b. Source(s) of matching funds (if applicable): staff time from existing budget
- 7a. Grant Source Agency: California Energy Commission
 - b. Grant Pass-Through Agency (if applicable):
- 8. Proposed Grant Project Summary: The City and County of San Francisco, through its Department of the Environment (SF Environment), is proposing to launch the Community Integrated Renewable Energy (CIRE) project that will build on planning work currently underway for the Central Corridor Eco-District. The project will assess the feasibility of a community energy center, integrating district heating and cooling, renewable electricity, waste-derived biogas, geothermal heat pumps, regenerative braking energy from public transportation, demand response, and smart distribution technology to serve multiple community members.
- 9. Grant Project Schedule, as allowed in approval documents, or as proposed:

Start-Date: 6/1/2013

End-Date: 3/31/15

10a. Amount budgeted for contractual services: \$232,348

b. Will contractual services be put out to bid? No. Contract is already in place with vendor designated in grant. The contract was bid using standard City contracting processes and this service will be included in that contract.

c. If so, will contract services help to further the goals of the Department's Local Business Enterprise (LBE)

requirements? Yes.

d. Is this likely to be a one-time or ongoing request for contracting out? One-time, for the duration of the grant.

11a. Does the budget include indirect costs?

[X] Yes

[] No

	b1. If yes, how much? <u>\$10,444</u> b2. How was the amount calculated? <u>Based on Department of the Environment overhead and indirect</u>
	c1. If no, why are indirect costs not included? [] Not allowed by granting agency [] To maximize use of grant funds on direct services [] Other (please explain):
	c2. If no indirect costs are included, what would have been the indirect costs?
	12. Any other significant grant requirements or comments:
-	**Disability Access Checklist***(Department must forward a copy of all completed Grant Information Forms to the Mayor's Office of Disability)
	13. This Grant is intended for activities at (check all that apply):
	[X] Existing Site(s)[X] Existing Structure(s)[X] Existing Program(s) or Service(s)[] Rehabilitated Site(s)[] Rehabilitated Structure(s)[] New Program(s) or Service(s)[] New Site(s)[] New Structure(s)
	14. The Departmental ADA Coordinator or the Mayor's Office on Disability have reviewed the proposal and concluded that the project as proposed will be in compliance with the Americans with Disabilities Act and all other Federal, State and local disability rights laws and regulations and will allow the full inclusion of persons with disabilities. These requirements include, but are not limited to:
	1. Having staff trained in how to provide reasonable modifications in policies, practices and procedures;
	2. Having auxiliary aids and services available in a timely manner in order to ensure communication access;
	 Ensuring that any service areas and related facilities open to the public are architecturally accessible and have been inspected and approved by the DPW Access Compliance Officer or the Mayor's Office on Disability Compliance Officers.
	If such access would be technically infeasible, this is described in the comments section below:
	Comments:
	Departmental ADA Coordinator or Mayor's Office of Disability Reviewer:
	Claudia Molina, Departmental ADA Coordinator, Payroll Personnel Clerk
	Date Reviewed: 3/19/13 (Signature Required)
=	Department Head or Designer Assumption 1.6 Co. 1.1.6 Co.
	Department Head or Designee Approval of Grant Information Form:
	Melanie Nutter, Director, Department of the Environment Date Reviewed: 3/9//
	(Signature Required)

	ues.	*San Francisco Department of the Environment	the Environment-			
	· ************************************	ntfrom the California Energy Commission - EcoDistricts	mmissionEcoDistr	icts 🕮 💮	表 第4全长 ,从	
		Description	Other Notes	Grant	SFE Match	_
•	PERSONNEL					
	Senior Environmental Specialist 5642 Renewable Energy Program	Administer grant, coordinate with other city departments and	438 hrs @ \$128.74/hr and 289 hours match	\$ 56,408	\$ 37,144	44
		contractor.				
	Energy Manager 5644	Work with with other city	365 hrs @ \$139.79/hr		786'09 \$	82
		departments, advice on process and district energy	match			
	Renewable Energy Associate 5638		527 hrs @ \$105.10/hr		796,352	152
	Green Building Energy Specialist 5640		388 hrs @ \$117.42/hr		\$ 45,616	919
	SF Environment volunteer Interns	these are volunteers who work for 6	2 interns @ 279 hrs total		\$ 21,849	49
		months and support data tracking,	@ \$78.21/hr			
	Total Personnel			\$ 56,408	\$ 210,943	43
	Travel					İ
4		attend meetings in sacramento with funder		\$ 800		
1 (Total Travel			\$ 800	-	
51	CONTRACT					
	Contract with ARUP North America, Ltd., the vendor designated in the grant.	td., the Provide technical assistance. Vendor was selected through standard City	1 1	\$ 232,348	000'09 \$	000
		contracting processes				
	Subtotal Contractor			\$ 232,348	\$ 50,000	000
	TOTAL DIRECT COSTS			\$ 289,556	\$ 260,943	943
	INDIRECT COSTS	Based on SFE overhead		\$ 10,444	\$ 39,056	920
	TOTAL PROJECT (Direct + Indirect)			\$ 300,000	\$ 300,000	8

CALIFORNIA ENERGY COMMISSION

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



REVISED

NOTICE OF PROPOSED AWARDS

Community Scale Renewable Energy Development, Deployment, and Integration Grant Solicitation PON-12-502 March 1, 2013

On October 16, 2012, the California Energy Commission's Public Interest Energy Research (PIER) Program released a Program Opportunity Notice (PON) titled "Community Scale Renewable Energy Development, Deployment and Integration (REDDI)". The PON announced that up to \$8.95 million in grant funding was available to accelerate research, development and demonstration of community scale renewable energy in three distinct funding categories:

- A. Community Scale Renewable Energy Integration Demonstration sought proposals that aim to demonstrate the cost-efficient integration of high-penetrations of renewable energy within a given community based on the locally-available renewable energy potential, and to increase energy security for that community.
- B. Community Scale Renewable Energy Integration Exploration sought proposals to formulate community-specific renewable energy development plans, including the tools and methodologies necessary to do so.
- C. Breakthrough Community Scale Renewable Energy Technology Development sought proposals that aim to develop renewable energy technologies that offer breakthrough potential in the commercial energy market, and will provide a significant contribution towards California's 2020 renewables.

The proposals were screened, reviewed, evaluated, and scored using the criteria prescribed in the solicitation. Based on the Review Team's scores and suggested funding levels, the Energy Commission released a Notice of Proposed Awards (NOPA) on February 20th to award \$8,950,000 and fund ten (10) of the thirty-five (35) passing projects in this solicitation. The NOPA also stated that "should additional electricity funding be made available, any partially-funded projects will be fully funded and the remaining passing projects may receive funding."

Since the release of the NOPA on February 20th, an additional \$26,219 has become available for this solicitation. Based on this available funding, the Energy Commission proposes to award full funding to Department of the Environment – City and County of San Francisco for the Rank 4 project in Research Area B, titled "Energizing Our Future: Community Integrated Renewable Energy (CIRE) Assessment." In the original NOPA, the Rank 6 Proposal in Research Area A Applicant's name was misstated as "Canby Geothermal Development LLC and Crane Mountain Geothermal Inc." In the Revised NOPA, the Applicant's name has been corrected to "CanbyGeo LLC."

This Revised NOPA is hereby issued pursuant to these recommendations. With the Revised NOPA, the Energy Commission proposes to award \$8,911,219 and fund ten (10) of the thirty-five (35) passing projects under this solicitation, as follows:

- For Research Area A, "Community Scale Renewable Energy Integration Demonstration," four (4) projects are recommended for funding for a total of \$6,871,294, and seventeen proposals (17) received a passing score.
- For Research Area B, "Community Scale Renewable Energy Integration Exploration," four (4) projects are recommended for funding for a total of \$1,039,830, and seven (7) proposals received a passing score.
- For Research Area C, "Breakthrough Community Scale Renewable Energy Technology," two (2) projects are recommended for funding for a total of \$1,000,095, and eleven (11) proposals received a passing score.

The attached table titled "Revised Notice of Proposal Awards and Results of Submitted Proposals" identifies each of the applicants recommended to receive funding, the project title, the recommended amount of Energy Commission funding, and scoring information.

Final approval of these awards rests with the Energy Commission, which will consider each project at a publicly noticed Business Meeting at the Energy Commission in Sacramento, California.

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

For further information about this matter, contact Crystal Presley-Willis at (916) 654-5067, or by email at Crystal Presley-Willis@energy.state.ca.us.

California Energy Commission PON-12-502

Revised Notice of Proposed Awards and Results of Submitted Proposals Community Scale Renewable Energy Development, Deployment, and Integration

RESEARCH AREA B - Community Scale Renewable Energy Integration Exploration



		Ma Section of the section of the sec	March 1st, 2013			では、変数がは、変数を	
Rank	Prime'Applicant	Title:	Requested	Recommended	Match Funds	Score	AwardStatus
Proposed Award	Proposed Awards - Research Area B	- Live a market Art Miller Art Mi				بلسب الاوسانا المتساولة جدن بورق الاستراد بعن الجدن الدراء	
	City of Davis	Davis Future Renewable Energy and Efficiency ("Davis FREE")	\$300,000	\$300,000	\$75,000	78,50	Awardee
7	Sierra Institute for Community and Environment	Plumas Energy Efficiency and Renewable Management Action Plan (PEER MAP)	\$300,000	\$300'000	\$75,000	75.25	Awardee
6	South Tahoe Public Utility District	Renewable Energy Regional Exploration Project	\$139,830	\$139,830	\$72,353	72.60	Awardee
4	Department of the Environment City and County of San Francisco	Energizing Our Future: Community Integrated Renewable Energy (CIRE) Assessment	\$300,000	\$300,000	\$300,000	72,44	Awardee
Total Funding Recommended		A section of the sect	\$1,039,830	\$1,039,830	\$522,353		

Passed But Not Funded	Funded						
so.	Lawrence Berkeley National Laboratory	Optimal Planning of Community- scale Thermal Systems via DER- CAM	\$300,000	0.8	\$75,000	71.51	Finalist
g	University of California, Merced	Forecast-based optimal University of California, Merced integration of renewable energy at the UC Merced community	\$293,146	0\$	\$295,470	71.39	Finalist
7	Clean Coalition	San Francisco Hunters Point Project	\$300,000	0\$	\$126,250	70,40	Finalist
Did not Pass	Did not Pass		وعادمه و دعد در المعارضة (دع الله و در المعادم مستعرضة (المحار و و المعادم مستعرضة المحار و و و المعادم المعادم	A PART AND			
æ	California Center for Sustainable Energy	California Advanced Clean Energy Neighborhood	\$299,512	\$0	\$75,000	69.86	Did Not Pass
	The second secon						

Page 1 of 2



California Energy Commission PON-12-502

Revised Notice of Proposed Awards and Results of Submitted Proposals

Community Scale Renewable Energy Development, Deployment, and Integration RESEARCH AREA B - Community Scale Renewable Energy Integration Exploration



	Award Status	Did Not Pass	Did Not Pass	Did Not Pass	Did Not Pass	Did Not Pass
	Score	69.13	68.80	68.54	68.10	96'29
	* Match Funds	\$75,000	\$250,000	\$148,425	\$62,350	\$75,930
}	PIER Funds Recommended	\$0	90	0\$	0\$	0\$
March 1st, 2013	PIER Funds Requested	\$299,845	\$300,000	\$300,000	\$249,400	000'000\$
W	Тив	Generating Renewables, Efficiency and Transformation (GREAT) for Communities in California	Reaching Carbon Neutrality Across the University of California System	Enabling Open Market PACE Financing for Small Commercial and Multi-Family Projects	Stanford Community Renewable Energy Project	An Integrated Optimization Tool for Developing Cost Effective for Developing Cost Effective of Callfornia Specific Regulatory Frameworks: A Focus on Los Angeles County
	Prime Applicant	Optony Inc.	Energy and Environmental Economics, Inc (E3)	Alameda County Waste Management Authority	Clean Coalition	The Regents of the University of Callfornia
	Rank	Ch .	10	. 11	12	13

PON-12-502				Community Scale Renewable Energy
:	_	 	_	

Attachment 1

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 Leg		Federal ID Number
Department of the	ne Environment-City and County of San Francisco	94-6000417
		en 1994 Marie III. (1994) - The Company of the Comp
Proposed Term		
Start Date	End Date	
6/1/2013	3/31/15	•
100000 10 10 10 10 10 10 10 10 10 10 10	7 1000	di berkera in Talap di antaria paka a
Funding		
	ds Requested \$ 300,000	
Match Funding		Kind Prior Investments
Ingicita unditid	V 300,000 Godf Ce of Middle M Cast Miles	este a comparation and the same
entration in construction in a great trans-		Kingkan kalendari dari
Title of Project		
and the management of the state	Future: Community Integrated Renewable Energy (CIRE) Assessment	
		Registrativity of the
Project Locatio		
City and County	of San Francisco Central Corridor-between 2nd & 6th Streets and Mark	et & Townsend Streets
		region for a sign of the first and the first of the first
Project Descrip	tion (brief paragraph)	
The City and Co	unty of San Francisco proposes to launch the Community Integrated Re	enewable Energy (CIRE)
assessment proje	ect which will build on planning work currently underway for the Centr	al Corridor Eco-District, a
community exter	nding from 2 nd Street to 6 nd Street and Market St to Townsend St in the	City's South of Market area.
This proposed pr	roject will investigate the feasibility and economics of a community wi	de renewable energy system
via the use of an	enabling technology (such as a smart or microgrid) that manages renev	wable generation, distribution
and storage with	in a community / Eco-District. Demand management will be integrate	d within the grid enabling
	able community partners to non-intrusively achieve energy reductions	
	o participate in demand response schemes. In addition to solar and biog	
	ologies and opportunities to integrate water, transportation, and energy	
innovative techn	lologies and opportunities to integrate water, transportation, and energy	planning, such as water-
	orage and regenerative braking energy from public transportation, and	
p. M. M. M. M. C. C. S. M	an existing steam-based district energy system, including adding coger	neration, renewable fuels and
district electricit	y distribution	No. of the last of
Commence of the second	en en transport de la comitación de la deservación de la comitación de la comitación de la comitación de la co Comitación de la comitación	Parished Essential Association (Control of Control of C
	ronmental Quality Act (CEQA) Compliance	
	considered a "Project" under CEQA?	
	p to question 2 X No: complete the following (PF	RC 21065 and 14 CCR 15378):
Explain why	contract is not considered a "Project":	And the state of the second second
	I not cause direct physical change in the environment or a reasonably f	oreseeable indirect physical
	ie environment because It is a planning document.	FRANCIER
	considered a "Project" under CEQA, have you complied?	
	o, provide documentation in application)	
☐ No	Carlot Mark Mark to the control of t	
Applicant's Pro	pject Manager (serves as point of contact for all communications)	
Name:	Danielle Murray	
Address:	SF Environment	
	11 Grove	
		
	San Francisco	
Phone/ Fax:	415-355-3715	·
E-Mail:	danielle.murray@sfgov.org	<u> </u>

PON-12-502	Community Scale Renewable Energy	Attachment 1
Applicant is		ALL LANCE WAY
Private Company (including non-p	·	
CA State Agency (including UC ar		
Government Entity (i.e. city, county	ر, federal government, air/water/school district, joint power authorities, ر	iniversity from another state)
Propietary/ Confidential Information	tion:	Market of the second of the se
	s must be submitted in a separately sealed and clearly de	signated package)
X No - Application does not conta	in proprietary information, unrestricted distribution is auth	norized.
The CANCESON AND AND LINE SERVED CONTRACTORS		☐ No X Yes
Is Applicant subcontracting any ARUP	Services ()	
Insert Subcontractor Legal Name		
Insert Subcontractor Legal Name	The state of the s	A Maria Cara Cara Cara Cara Cara Cara Cara
Insert Subcontractor Legal Name		
Insert Subcontractor Legal Name	And the second s	and the state of t
Insert Subcontractor Legal Name		
Insert Subcontractor Legal Name Insert Subcontractor Legal Name	<u>za likeriko galkali har Awalikika ya wata dhi samu wani ba</u>	EL
Insert Subcontractor Legal Name		Control Control
	HOREST CONTRACTOR SERVICE CONTRACTOR CONTRAC	
THE PROPERTY OF SECURITY OF SECURITY OF	Francisco's Central Corridor Eco-District DE, SDG&E) PG&E	
Research Area Addressed – Ple		
ing to the second second control of the second seco	e Renewable Energy Integration Demonstration	And the second
3、 45 的 有数数数 作的 的复数数数等等数据 医成化	일 생생, 그는 전, 문학이를 발표되면 중요하는 경찰에 되었는데 문학이 시작하는 사람이 가장 아니다.	to the first
그 문화회에서 그는 사고 있다. 그렇게 그렇게 했다. 등사는 아내	le Renewable Energy Integration Exploration	e per difference de la companya de l
☐ C) Breakthrough Co	ommunity Scale Renewable Energy Technology De	velopment
Renewable Energy and Enabling	r Technologies Targeted – Please check at least on	e of each
Renewable Resources (E	<u>Enabling Technologi</u>	<u>ėš</u>
✓ Solar PV	✓ Energy efficiency	
✓ Concentrating PV	✓ Demand respons	:e .:::::::::::::::::::::::::::::::::::
✓ Solar thermal	✓ Battery storage	
Wind energy	✓ Thermal storage	
✓ Biomass/biogas	✓ Grid integration	technologies
☐ Small low-impact hyd	ro 🗸 Electric vehicle (EV) charging
Geothermal	✓ Fuel cells	
Other	CHP/CCHP	
	✓ Geothermal heat	pumps
and the second s	✓ Solar hot water	Na Januar Casar et al a cara et al
	✓ Other <u>Micro-c</u>	<u>fid 1998 - 1</u>

ATTACHMENT 1 PON APPLICATION FORM

PIER Funding Requ	uested \$ <u>300,000</u>	Match Funding	Offered \$ 300,000	_ l otal \$ 600,000
2. California-Ba	sed Spending			
PIER Funding Sper	nt in CA <u>\$ 300,000</u>	Percentage of	PIER Funds <u>100</u> %	
3. Funding Deta	iil			
·	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				
		<u>.</u>		- <u>l</u>

樵	6

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

(please use additional sheets as necessary)

ATTACHMENT 1 PON APPLICATION FORM

			on	

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

Signature of Authorized Representative

Date:

2 10 12

Date:

te: 10/10/

File No: 130649

FORM SFEC-126 NOTIFICATION OF CONTRACT APPROVAL (S.F. Campaign and Government Conduct Code § 1.126)

City Elective Officer Information (Please print clearly)	
Name of City elective officer(s): Members, San Francisco Board of Supervisors	City elective office(s) held: Members, San Francisco Board of Supervisors
Contractor Information (Please print clearly)	
Name of Contractor: ARUP North America, Ltd.	
financial officer and chief operating officer; (3) any person w	ry political committee sponsored or controlled by the contractor, r, Alan James Belfield, Robert Frank Care, Tristram George r, Gregory Scott Hodkinson, Michael Kwok, Lup Moon Lui, ls
3) none	· · · · · · · · · · · · · · · · · · ·
4) none	
5) none	
Contractor address: ARUP, 560 Mission Street Suite 700 Sa	n Francisco, CA 94105
Contractor address. AROF, 500 Mission Street Stiffe 700 Sa	m Francisco CA 94103
Date that contract was approved: 04/25/2010*	Amount of contract: \$3,000,000
Describe the nature of the contract that was approved:	
Professional Consulting Services for Energy Programs	
Comments: *Contract is already in force. Services of approximately \$232 professional services contract for the Department of the Environment.	2,000 under the CIRE grant will be delivered under the current ronment.
This contract was approved by (check applicable)	
☐ The City elective officer(s) identified on this form	
A board on which the City elective officer(s) serves	San Francisco Board of Supervisors
	Print Name of Board
The board of a state agency (Health Authority, Housing Board, Parking Authority, Redevelopment Agency Composered Development Authority) on which an appointee of the C	Authority Commission, Industrial Development Authority mission, Relocation Appeals Board, Treasure Island ity elective officer(s) identified on the form sits
Print Nar	me of Board
Filer Information (Please print clearly)	
Name of filer: Clerk of the San Francisco Board of Supervisors	Contact telephone number: (415) 554-5184
Address: City Hall, Room 244, 1 Dr. Carlton B. Goodlett Pl., San Fran	E-mail: BOS.Legislation@sfgov.org
Signature of the Elective Officer (if submitted by City electiv	ve officer) Date Signed
Signature of Board Secretary or Clerk (if Submitted by Board	i Secretary or Clerk) Date Signed
Digitation of Dougla Decretary of Clerk (II dubinitied by Dougla	a Doubling of Civilia