

File No. 110519

Committee Item No. 2
Board Item No. _____

COMMITTEE/BOARD OF SUPERVISORS
AGENDA PACKET CONTENTS LIST

Committee CITY OPERATIONS AND
NEIGHBORHOOD SERVICES

Date 5/9/11

Board of Supervisors Meeting

Date _____

Cmte Board

- | | | |
|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Motion |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Resolution |
| <input type="checkbox"/> | <input type="checkbox"/> | Ordinance |
| <input type="checkbox"/> | <input type="checkbox"/> | Legislative Digest |
| <input type="checkbox"/> | <input type="checkbox"/> | Budget Analyst Report |
| <input type="checkbox"/> | <input type="checkbox"/> | Legislative Analyst Report |
| <input type="checkbox"/> | <input type="checkbox"/> | Introduction Form (for hearings) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Department/Agency Cover Letter and/or Report |
| <input type="checkbox"/> | <input type="checkbox"/> | MOU |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Grant Information Form |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Grant Budget |
| <input type="checkbox"/> | <input type="checkbox"/> | Subcontract Budget |
| <input type="checkbox"/> | <input type="checkbox"/> | Contract/Agreement |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Award Letter |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Application |
| <input type="checkbox"/> | <input type="checkbox"/> | Public Correspondence |

OTHER

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| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Form 126</u> |
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Completed by: Gail Johnson
Completed by: _____

Date 5/6/11
Date _____

An asterisked item represents the cover sheet to a document that exceeds 25 pages.
The complete document is in the file.

1 [Accept and Expend Grant - Brown Grease Recovery and Biofuel Demonstration Project -
2 \$951,500]

3 **Resolution authorizing the San Francisco Public Utilities Commission to retroactively**
4 **accept and expend a U.S. Department of Energy administered grant in the amount of**
5 **\$951,500 to conduct a brown grease recovery and biofuel demonstration project.**

6
7 WHEREAS, The San Francisco Public Utilities Commission's Brown Grease Recovery
8 and Biofuel Demonstration Project (the "Project") was chosen as a Congressionally Directed
9 Project identified for funding from the Omnibus Appropriations Act of 2009 to demonstrate that
10 newly developed technologies can recover waste fats, oil, and grease (FOG, a.k.a. "brown
11 grease" or "trap grease") to be converted to biofuel including biodiesel; and

12 WHEREAS, The U.S. Department of Energy notified the SFPUC in June 2009 that the
13 Project was awarded \$951,500 from the 2009 Omnibus Appropriations Act; and

14 WHEREAS, Required matching funds of \$951,500 have already been met through FY
15 09/10 and FY 10/11 Wastewater Enterprise Project Budgets; and

16 WHEREAS, The grant budget does not allow for indirect costs because there was no
17 federally approved indirect cost rate for the SFPUC at the time of this award; and

18 WHEREAS, San Francisco Administrative Code Sec. 10.170-(d) states that if indirect
19 costs are not allowed by the funding agency, this reason shall be stated in the authorizing
20 resolution and upon approving the acceptance and expenditure, the Board of Supervisors
21 may waive the requirement for inclusion of reimbursed costs; and,

22 WHEREAS, This grant does not include an Annual Salary Ordinance (ASO)
23 Amendment; and

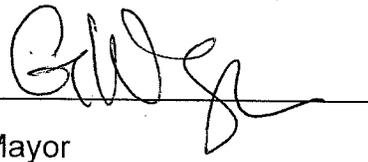
1 WHEREAS, In compliance with the California Environmental Quality Act, the Project is
2 Categorically Exempt from the need to prepare either an environmental assessment or an
3 environmental impact statement; and

4 WHEREAS, The San Francisco Public Utilities Commission on January 11th, 2011,
5 adopted resolution no. 11-0009 authorizing the General Manager to request permission from
6 the Board of Supervisors to accept and expend Omnibus Appropriations Act funds from the
7 U.S. Department of Energy for the Project; now, therefore, be it

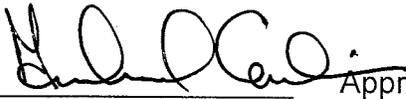
8 RESOLVED, That the General Manager of the San Francisco Public Utilities
9 Commission, or designee, is authorized to accept and expend grant funds totaling \$951,500
10 from the Omnibus Appropriations Act, as administered by the U.S. Department of Energy, with
11 required local matching in-kind funds of \$951,500 that have already been met through FY
12 09/10 and FY 10/11 Wastewater Enterprise Project Budgets; and to execute all required
13 agreements; and, be it

14 FURTHER RESOLVED, that the Board of Supervisors waives the requirement for
15 inclusion of reimbursement due to indirect costs, given that the funding agency does not allow
16 for this reimbursement under the circumstances of this grant award; and be it

17 FURTHER RESOLVED, that the Public Utilities Commission is hereby authorized by
18 the Board of Supervisors to retroactively accept and expend this grant, pursuant to
19 Administrative Code Sec. 10.170-1

20
21 Approved: 

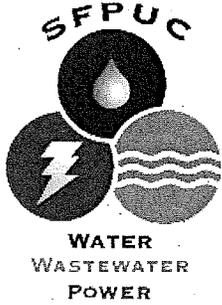
22 For Mayor

23
24 Recommended 

Approved: 

25 General Manager

Controller



SAN FRANCISCO PUBLIC UTILITIES COMMISSION

1155 Market St., 11th Floor, San Francisco, CA 94103 • Tel. (415) 554-3155 • Fax (415) 554-3161 • TTY (415) 554.3488



February 22, 2011

EDWIN M. LEE
MAYOR

FRANCESCA VIOTOR
PRESIDENT

ANSON MORAN
VICE PRESIDENT

ANN MOLLER CAEN
COMMISSIONER

ART TORRES
COMMISSIONER

VINCE COURTNEY
COMMISSIONER

ED HARRINGTON
GENERAL MANAGER

The Honorable Ben Rosenfield
Controller
City and County of San Francisco
1 Dr. Carlton B. Goodlett Place, Room 316
San Francisco, CA 94102

Subject: Resolution authorizing the SFPUC to accept and expend a grant of \$951,500 from the U.S. Department of Energy for a Brown Grease Recovery and Biofuel Demonstration Project.

Dear Controller Rosenfield:

Attached please find an original copy of a resolution that requires your signature. The resolution authorizes the SFPUC to accept and expend a grant of \$951,500 from the U.S. Department of Energy for a brown grease recovery and biofuel demonstration project.

In this packet you will find:

- Red line original copy of the resolution requiring your signature
- Grant information form
- Grant budget
- Grant award letter from funding agency
- A copy of the Agenda Item from the SFPUC with background information on the resolution, as well as a signed copy of the SFPUC resolution related to this item.

When you have signed this resolution, please forward the original copy to the Mayor's Budget Office, City Hall Room 288, for signature by the Mayor and submittal to the Clerk of the Board of Supervisors on March 1st, 2011.

Sincerely,

Ed Harrington
General Manager

TO: Angela Calvillo, Clerk of the Board of Supervisors
FROM: Nathan Purkiss
DATE: 2/11/11
SUBJECT: Accept and Expend Resolution for FOG to Biodiesel Funds from the Omnibus Appropriations Act of 2009
GRANT TITLE: Congressionally Directed Project Award to the "Brown Grease to Biodiesel" Demonstration

Attached please find the original and 4 copies of each of the following:

Proposed grant resolution; original signed by Department, Mayor, Controller

Grant information form, including disability checklist

Grant budget

Grant application

Grant award letter from funding agency

Other (Explain): SFPUC Commission Resolution

Special Timeline Requirements:

Departmental representative to receive a copy of the adopted resolution:

Name: Karri Ving

Phone: 695.7366

Interoffice Mail Address: 3801 3rd Street; Suite 600

Certified copy required Yes

No

(Note: certified copies have the seal of the City/County affixed and are occasionally required by funding agencies. In most cases ordinary copies without the seal are sufficient).

Grant Information Form

File Number: _____

(Provided by Clerk of Board of Supervisors)

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

1. Grant Title: Congressionally Directed Project Award to the "Brown Grease to Biodiesel" Demonstration
2. Department: SFPUC
3. Contact Person: Karri Ving Telephone: 695.7366
4. Grant Approval Status (check one):
 Approved by funding agency Not yet approved
5. Amount of Grant Funding Approved or Applied for: \$ 951,500
6. a. Matching Funds Required: \$ 951,500
b. Source(s) of matching funds (if applicable): FY 09/10 and FY 10/11 Wastewater Enterprise Project Budgets
7. a. Grant Source Agency: United States Department of Energy (DOE)
b. Grant Pass-Through Agency (if applicable):
8. Proposed Grant Project Summary:

In April 2008 the San Francisco Public Utilities Commission received a million-dollar grant from the California Energy Commission as well as a \$175,000 grant from the Environmental Protection Agency (EPA) to conduct a "Brown Grease to Biofuel" demonstration.

The purpose of this project is to demonstrate that newly developed technologies can recover waste fats, oil, and grease (FOG, a.k.a. "brown grease" or "trap grease") and produce biodiesel as well as other types of biofuel. This project will also demonstrate the technical and economic feasibility of using waste FOG to produce a lower-cost feedstock for biodiesel production. A successful demonstration of this technology will increase the likelihood that, in the future, grease that is currently being discarded will be recovered and used to replace conventional diesel fuel. Further, this project will demonstrate that co-locating a FOG recovery facility at a wastewater treatment plant can enable the treatment plant to reduce its overall reliance on fossil fuels and lessen its demand on the already overburdened power grid (wastewater treatment plants on average account for 3% of the total electricity consumed annually in the U.S.).

In June, 2009, the DOE notified the SFPUC that the Brown Grease to Biodiesel Demonstration was awarded \$951,500 in Congressionally Directed Project funds from the Congressional Omnibus Appropriations Act of 2009. The grant requires matching funds of \$951,500 that have been met by the FY 09/10 and FY 10/11 Wastewater Enterprise Project Budgets.

9. Grant Project Schedule, as allowed in approval documents, or as proposed:

Start-Date: 11/01/09 End-Date: 11/01/12

10. Number of new positions created and funded: 0

11. If new positions are created, explain the disposition of employees once the grant ends?
N/A

12. Amount budgeted for contractual services: \$413,582

- a. Will contractual services be put out to bid? As Needed funds used
- b. If so, will contract services help to further the goals of the department's MBE/WBE requirements? N/A
- c. Is this likely to be a one-time or ongoing request for contracting out? One Time

13. Does the budget include indirect costs? Yes No

- a. If yes, how much? No indirect costs.
- b. How was the amount calculated?
- c. 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?

The indirect costs associated with in-house SFPUC labor are captured in the overall Brown Grease to Biofuel Project budgeted matching in-kind funds of \$951,500, funded through FY 09/10 and FY 10/11 Wastewater Enterprise Project Budgets.

14. Any other significant grant requirements or comments:

****Disability Access Checklist****

15. This Grant is intended for activities at (check all that apply):

- Existing Site(s) Existing Structure(s)
 Existing Program(s) or Service(s) Rehabilitated Site(s)
 Rehabilitated Structure(s) New Program(s) or Service(s)
 New Site(s) New Structure(s)

16. The Departmental ADA Coordinator and/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 access laws and regulations and will allow the full inclusion of persons with disabilities, or will require unreasonable hardship exceptions, as described in the comments section:

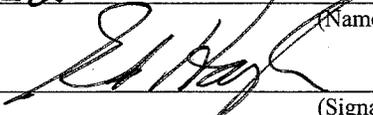
Comments:

Departmental or Mayor's Office of Disability

Reviewer: Nathan Purkiss
(Name)

Date Reviewed: 2/18/2011

Department Approval:

Ed Harrington General Manager
(Name) (Title)

(Signature)

Brown Grease to Biodiesel Demonstration Congressionally Funded Project Budget

Supplies

- \$67,400 for chemicals and process piping

□ Equipment

- \$371,705 for Dewatering System
- \$98,813 for Thermal Heating System

□ Contractual

- \$87,661 for laboratory services
- \$316,549 for Dewatering System technical support, delivery, training and customization
- \$9,372 for program management contracting

Instructions and Summary

Award Number: DE-EE00000621
 Award Recipient: San Francisco Public Utilities

Date of Submission: 5/5/2010
 Form submitted by: Karri Ving
 (May be award recipient or sub-recipient)

Please read the instructions on each page before starting. If you have any questions, please ask your DOE contact. It will save you time!

On this form, provide detailed support for the estimated project costs identified on the SF-424A form (Budget).

- The dollar amounts on this page must match the amounts on the associated SF-424A.
- **The award recipient and each sub-recipient with estimated costs of \$100,000 or more must complete this form and a SF-424A form.**
- **The total budget presented on this form and on the SF-424A must include both Federal (DOE), and Non-Federal (cost share) portions, thereby reflecting TOTAL PROJECT COSTS proposed.**
- For costs in each Object Class Category on the SF-424A, complete the corresponding worksheet on this form (tab at the bottom of the page).
- All costs incurred by the preparer's sub-recipients, vendors, contractors, consultants and Federal Research and Development Centers (FFRDCs), should be entered only in section f. Contractual. All other sections are for the costs of the preparer only.

SUMMARY OF BUDGET CATEGORY COSTS PROPOSED

(Note: The values in this summary table are from entries made in each budget category sheet.)

CATEGORY	Budget Period 1 Costs	Budget Period 2 Costs	Budget Period 3 Costs	Total Costs	Project Costs %	Comments (Add comments as needed)
a. Personnel	\$313,386	\$0	\$0	\$313,386	9.0%	
b. Fringe Benefits	\$0	\$0	\$0	\$0	0.0%	
c. Travel	\$0	\$0	\$0	\$0	0.0%	
d. Equipment	\$1,542,518	\$0	\$0	\$1,542,518	44.5%	
e. Supplies	\$67,400	\$0	\$0	\$67,400	1.9%	
f. Contractual	\$0	\$0	\$0	\$0	\$0	
Sub-recipient	\$0	\$0	\$0	\$0	0.0%	
FFRDC	\$0	\$0	\$0	\$0	0.0%	
Vendor	\$1,539,538	\$0	\$0	\$1,539,538	44.5%	
Total Contractual	\$1,539,538	\$0	\$0	\$1,539,538	44.5%	
g. Construction	\$0	\$0	\$0	\$0	0.0%	
h. Other Direct Costs	\$0	\$0	\$0	\$0	0.0%	
i. Indirect Charges	\$0	\$0	\$0	\$0	0.0%	
Total Project Costs	\$3,462,842	\$0	\$0	\$3,462,842	100.0%	

Additional Explanations/Comments (as necessary)

d. Equipment

PLEASE READ!!!

Equipment is generally defined as an item with an acquisition cost greater than \$5,000 and a useful life expectancy of more than one year. Further definitions can be found at 10 CFR 600 found on the PMC Recipient Resources Forms page at <https://www.eere-pmc.energy.gov/Forms.aspx#regs>.

List all proposed equipment below, providing a basis of cost such as vendor quotes, catalog prices, prior invoices, etc., and briefly justifying its need as it applies to the Statement of Project Objectives. If it is existing equipment, and the value of its contribution to the project budget is being shown as cost share, provide logical support for the estimated value shown. If it is new equipment which will retain a useful life upon completion of the project, provide logical support for the estimated value shown.

For equipment over \$50,000 in price, also include a copy of the associated vendor quote or catalog price list.

Add rows as needed. If rows are added, formulas/calculations may need to be adjusted by the preparer.

Equipment Item	Qty	Unit Cost	Total Cost	Basis of Cost	Justification of need
Budget Period 1					
EXAMPLE ONLY!!! Thermal shock chamber	2	\$20,000	\$40,000	Vendor Quote	Reliability testing of PV modules- Task 4.3
Dewatering System	1	\$371,705	\$371,705	8.11.09 Vendor Quote	Equipment for processing waste trap grease to 2% moisture, insolubles, unsaponifiables. Includes customization.
Thermal Heating System	1	\$98,813	\$98,813	8.11.09 Vendor Quote	Ancillary equipment to provide required heat for Dewatering System
Biodiesel Conversion System	1	\$1,072,000	\$1,072,000	1.30.09 Vendor Quote	In-kind purchase
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
Budget Period 1 Total			\$1,542,518		
Budget Period 2					
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		

e. Supplies

PLEASE READ!!!

Supplies are generally defined as an item with an acquisition cost of \$5,000 or less and a useful life expectancy of less than one year. Supplies are generally consumed during the project performance. Further definitions can be found at 10 CFR 600 found on the PMC Recipient Resources Forms page at <https://www.eere-pmc.energy.gov/Forms.aspx#regs>.

List all proposed supplies below, providing a bases of cost such as vendor quotes, catalog prices, prior invoices, etc., and briefly justifying the need for the Supplies as they apply to the Statement of Project Objectives. Note that Supply items must be direct costs to the project at this budget category, and not duplicative of supply costs included in the indirect pool that is the basis of the indirect rate applied for this project.

Add rows as needed. If rows are added, formulas/calculations may need to be adjusted by the preparer.

General Category of Supplies	Qty	Unit Cost	Total Cost	Basis of Cost	Justification of need
Budget Period 1					
EXAMPLE ONLY!!! Wireless DAS components	10	\$360.00	\$3,600	Catalog price	For Alpha prototype - Task 2.4
Chemicals involved in biodiesel production over 52 weeks	52	\$1,200.00	\$62,400	Vendor Quotes	For Tasks B.9 and B.9.1
Process piping valves	1	\$2,400.00	\$2,400	Catalog price	Process piping connection between dewatering and biodiesel systems
Process piping	1	\$2,600.00	\$2,600	Catalog price	Process piping connection between dewatering and biodiesel systems
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
Budget Period 1 Total			\$67,400		
Budget Period 2					
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		

General Category of Supplies	Qty	Unit Cost	Total Cost	Basis of Cost	Justification of need
			\$0		
			\$0		
Budget Period 2 Total			\$0		
Budget Period 3					
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
			\$0		
Budget Period 3 Total			\$0		
PROJECT TOTAL			\$67,400		

Additional Explanations/Comments (as necessary)

f. Contractual

PLEASE READ!!!

The entity completing this form must provide all costs related to sub-recipients, vendors, contractors, consultants and FFRDC partners in the applicable boxes below.

Sub-recipients (partners, sub-awardees):

For each sub-recipient with total project costs of \$100,000 or more, a separate SF-424A budget and PMC123.1 budget justification form must be submitted. These sub-recipient forms may be completed by either the sub-recipients themselves or by the preparer of this form. The budget totals on the sub-recipient's forms must match the sub-recipient entries below.

The preparer of this form need only provide further support of the completed sub-recipient budget forms as they deem necessary. The support to justify the budgets of sub-recipients with estimated costs less than \$100,000 may be in any format, and at a minimum should provide what Statement of Project Objectives task(s) are being performed, the purpose/need for the effort, and a basis of the estimated costs that is considered sufficient for DOE evaluation.

Vendors (includes contractors and consultants):

List all vendors, contractors and consultants supplying commercial supplies or services used to support the project. The support to justify vendor costs (in any amount) should provide the purpose for the products or services and a basis of the estimated costs that is considered sufficient for DOE evaluation.

Federal Research and Development Centers (FFRDCs):

For FFRDC partners, award recipient will provide a Field Work Proposal (if not already provided with the original application), along with the FFRDC labor mix and hours, by category and FFRDC major purchases greater than \$25,000, including Quantity, Unit Cost, Basis of Cost, and Justification. The award recipient may allow the FFRDC to provide this information directly to DOE.

Add rows as needed. If rows are added, formulas/calculations may need to be adjusted by the preparer.

Sub-Recipient Name/Organization	Purpose/Tasks in SOPO	Budget Period 1 Costs	Budget Period 2 Costs	Budget Period 3 Costs	Project Total
EXAMPLE ONLY!!! XYZ Corp.	Partner to develop optimal fresnel lens for Gen 2 product - Task 2.4	\$48,000	\$32,000	\$16,000	\$96,000
					\$0
					\$0
					\$0
					\$0
					\$0

Cost Share

PLEASE READ!!!

A detailed presentation of the cash or cash value of all cost share proposed for the project must be provided in the table below. Identify the source & amount of each item of cost share proposed by the award recipient and each sub-recipient or vendor. **Letters of commitment must be submitted for all third party cost share (other than award recipient).**

Note that "cost-share" is not limited to cash investment. Other items that may be assigned value in a budget as incurred as part of the project budget and necessary to performance of the project, may be considered as cost share, such as: contribution of services or property; donated, purchased or existing equipment; buildings or land; donated, purchased or existing supplies; and/or unrecovered personnel, fringe benefits and indirect costs, etc. For each cost share contribution identified as other than cash, identify the item and describe how the value of the cost share contribution was calculated.

Funds from other Federal sources MAY NOT be counted as cost share. This prohibition includes FFRDC sub-recipients. Non-Federal sources include private, state or local Government, or any source not originally derived from Federal funds. Documentation of cost sharing commitments must be provided, if not already provided with the original application and they have not changed since its submission.

Fee or profit will not be paid to the award recipients or subrecipients of financial assistance awards. Additionally, foregone fee or profit by the applicant shall not be considered cost sharing under any resulting award. Reimbursement of actual costs will only include those costs that are allowable and allocable to the project as determined in accordance with the applicable cost principles prescribed in 10 CFR 600.127, 10 CFR 600.222 or 10 CFR 600.317. Also see 10 CFR 600.318 relative to profit or fee.

Add rows as needed. If rows are added, formulas/calculations may need to be adjusted by the preparer.

Organization/Source	Type (cash or other)	Cost Share Item	Budget Period 1 Cost Share	Budget Period 2 Cost Share	Budget Period 3 Cost Share	Total Project Cost Share
ABC Company EXAMPLE ONLY!!!	Cash	Project partner ABC Company will provide 40 PV modules for product development at 50% off the of the retail price of \$680	\$13,600			\$13,600
San Francisco Public Utilities Commission	Cash	Award recipient to provide \$1,200,000 towards biodiesel production equipment procurement, installation and training. Note: 1.30.09 purchase receipt	\$1,072,000			\$1,072,000
San Francisco Public Utilities Commission	In-Kind	Award recipient to provide \$313,386 in in-kind services as unrecovered personnel under Energy Commission grant Agreement PIR-06-001	\$313,386			\$313,386
San Francisco Public Utilities Commission	Cash	Award recipient to provide \$5,000 cash toward misc. supplies associated with equipment installation under Energy Commission grant Agreement PIR-06-001	\$5,000			\$5,000
San Francisco Public Utilities Commission	Cash	Installation of both the dewatering system and the biodiesel conversion system into the Oceanside Treatment Plant	\$989,000			\$989,000
San Francisco Public Utilities Commission	Cash	Heat exchange and tank modifications Note: 12.22.09 quote.	\$131,956			\$131,956
						\$0

Organization/Source	Type (cash or other)	Cost Share Item	Budget Period 1 Cost Share	Budget Period 2 Cost Share	Budget Period 3 Cost Share	Total Project Cost Share
						\$0
Totals			\$2,511,342	\$0	\$0	\$2,511,342

Total Project Cost: \$3,462,842

Cost Share Percent of Award: 72.5%

Additional Explanations/Comments (as necessary)

FY09 Appropriations Request Form

OFFICE OF CONGRESSWOMAN NANCY PELOSI
SPEAKER OF THE HOUSE
235 Cannon House Office Building
Washington, DC 20515
PHONE: 202-225-4965
FAX: 202-225-8259

Deadline: February 22, 2008

(return via e-mail to scott.boule@mail.house.gov)

Please include your full contact information, including any relevant phone extensions, in all email communications with the Speaker's office.

Organizations must respond to all questions on this form. Incomplete proposals will not be considered.

Organizations must adhere to word limitations for each question. Proposals that exceed specified limits will be returned for revision.

Date Submitted
Project Name
Fats Oils and Grease Program
Organization
San Francisco Public Utilities Commission
Amount Requested (If requesting report language, please attach.)
\$1,000,000
Appropriations Bill / Account
Local Contact (Please provide full contact information, including any relevant phone extensions, and indicate if there is a separate DC contact.)

Organization's Main Activities

Please limit your response to 250 words and indicate whether it is a public, private non-profit or private for-profit entity.

The San Francisco Public Utilities Commission (SFPUC) is a department of the City and County of San Francisco that provides water, wastewater, and municipal power services to San Francisco. Under contractual agreement with 28 wholesale water agencies, the SFPUC also supplies water to 1.6 million additional customers within three Bay Area counties. The SFPUC system provides four distinct services: Regional Water, Local Water, Wastewater (collection, treatment and disposal), and Power.

Total Cost and Detailed Budget

Please include the amount of any other Federal/state/local/private funds, including any in-kind resources.

Total Project Cost: \$3.2 Million.

California Energy Commission grant to design and incorporate a biofuel plant within an existing water treatment plant infrastructure:	\$995,791
Matching funds provided by the SFPUC through in-kind labor to operate plant:	\$375,519
Matching funds provided through equipment donated by partnering engineering firms:	\$749,319
Indirect Overhead:	\$ 86,861
Additional funding will allow for a detailed analysis of net reductions in toxic air pollutants and greenhouse gas (GHG) emissions as well as identifying reductions in our carbon footprint and energy usage:	\$1,000,000

Project Description, Including Timeline, Goals, Expected Outcomes and Specific Uses of Federal Funds

Please limit your response to 300 words. Your response must focus on the requested funds rather than the organization's mission and general activities.

The purpose of this project is to demonstrate that, with minimal capital upgrade, any waste water treatment plant (WWTP) can easily be capable of significant organic energy recovery directed towards biofuel production. Between 3/08 through 4/10, the SFPUC will design, build and operate a brown-grease-to-biofuel plant capable of processing up to 10,000 gallons of waste FOG into 300 gallons of biodiesel per day.

The biofuel plant will be constructed at the SFPUC's Oceanside WWTP. The overall goals for the project are:

- Introduce, and make market-ready, a standardized packaged brown grease recovery and biodiesel production plant.
- Demonstrate that brown grease can be recovered cost-effectively from waste FOG and concentrated to 99% purity using methods and techniques developed and engineered by RSI
- Demonstrate that ASTM-spec biodiesel meeting ultra-low sulfur requirements can be produced from RSI's brown grease product using methods and techniques developed by SPT
- Demonstrate/validate the benefits of co-locating these facilities at POTWs
- Demonstrate that removing grease from the influent to WWTPs will enhance the performance of existing WWTPs

How will this earmark serve to expand the capacity of your organization and how will your organization sustain this work beyond the federal funding?

Please limit your response to 250 words. Your response must focus on the impact of the requested funds rather than the organization's general long-term goals.

. This project will result in a net reduction in toxic air pollutants, including particulate matter, carbon monoxide, sulfur oxides, and hydrocarbons. The project will also lead to reductions in greenhouse gas (GHG) emissions and will reduce the state's reliance on fossil fuels. The project has been designed to enable the easy dissemination of the information obtained throughout the trial. Specifically, the key goal of this project is to easily replicate the technology and business model of the demonstration so that it can be used throughout California to convert a former waste product into a new, renewable source of energy.

The SFPUC seeks federal funding to review, measure, and communicate the data and information necessary to fast-track the implementation of the FOG-to-biodiesel technology throughout California. This essential work was not possible with the initial funding that the CEC grant provided. A successful demonstration will enable the SFPUC to identify and implement technologies that will deliver the maximum reduction in air pollutants, GHG emissions and energy usage.

What is the national significance of this project?

Please limit your response to 250 words.

POTWs on average account for 3% of the total electricity consumed annually in the U.S. There are more than 300 POTWs throughout California and widespread acceptance of this technology could not only lead to lower fees for ratepayers, but provide a network of decentralized power plants where surplus energy generated by the POTW is diverted to the grid for local consumption. This could become a model for the nation.

List any other organizations or state/local elected officials who have expressed support for the project in writing.

Please submit pdf copies of support letters along with the proposal.

Does the organization have any other funding requests (Federal, state, local or private) pending?

Has the organization previously received Federal funds?

Please list any funds received (by fiscal year) and briefly describe how those funds were spent.

The SFPUC has successfully managed and completed several federal and non-federal assistance agreements over the past three years, including:

Cesar Chavez Sewer Improvements

The SFPUC received grant funds totaling \$477,900 from the U.S. Environmental Protection Agency (EPA) through the Department of the Interior, Environment, and Related Agencies Appropriation Act of 2006, to support construction of a combined sewer/stormwater system along Cesar Chavez between Guerrero and Kansas Streets. The project will reduce flooding in the project area by increasing the sewer system capacity, and improve water quality by preventing the overflow of combined wastewater on to city streets and into the Bay.

Hayward Fault Mitigation Project

The SFPUC received grant funds totaling \$3,000,000 from FEMA's Pre-Disaster Mitigation 2005 Grant Program to seismically retrofit the Hayward fault crossing at Bay Division Pipelines 3 and 4.

Millbrae WST HQ Seismic Retrofit

The SFPUC received a \$660,000 grant from California OES/FEMA to seismically upgrade the Millbrae Water Supply & Treatment Admin Building to avoid any disruptions to the water delivery system.

SFPUC Water Loss Reduction Program

The SFPUC received a \$299,390 grant award from the US Bureau of Reclamation through the CALFED Water Use Efficiency Grant Program to install the latest leak detection devices throughout the water transmission and distribution system in an effort to reduce water loss through enhanced leak detection.

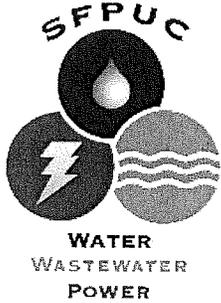
Pilarcitos Creek Integrated Watershed Management Plan

The SFPUC received a \$202,500 grant award from the State Water Resources Control Board's Integrated Watershed Management Program for the development of a Pilarcitos Creek Integrated Watershed Management Plan.

Please attach a list of your organization's staff and board members

This requirement only applies to non-governmental organizations.

Please attach any additional relevant materials



SAN FRANCISCO PUBLIC UTILITIES COMMISSION

1155 Market St., 11th Floor, San Francisco, CA 94103 • Tel. (415) 554-3155 • Fax (415) 554-3161 • TTY (415) 554.3488



10 June, 2009

Mr. Bob Kingsley, Grants and Agreement Specialist
Department of Energy, Golden Field Office
1617 Cole Boulevard
Golden, Colorado 80401-3393

GAVIN NEWSOM
MAYOR

ANN MOLLER CAEN
PRESIDENT

F.X. CROWLEY
VICE PRESIDENT

FRANCESCA VIETOR
COMMISSIONER

JULIET ELLIS
COMMISSIONER

ED HARRINGTON
GENERAL MANAGER

Dear Mr. Kingsley,

Subject: "San Francisco Biofuels Program" Pending Award Number DE-EE0000621

Please find the enclosed "Fats, Oils, and Grease (FOG) - to - Biodiesel Demonstration Project" project description for the Department of Energy (DOE), Golden Gate Field Office to review.

If you have any questions, please do not hassle to contact us. Thank you.

Sincerely,

Karri Ving
Biofuel Coordinator/Grant Manager

Cc: Ed Harrington, General Manager
Tommy Moala, Assistant General Manager
Brian Henderson, P.E. WWE Field Engineering Division Manager
Lewis Harrison, WWE Collection System Division Manager
Jon Loiacono, P.E., WWE Master Plan Specs Project Division Manager
Domenec Jolis, PhD, P.E.
Olivia Estares
Lock Kwan, P.E.

DOE DE-EE0000621 Project Description.doc

1.0 PROJECT TITLE

The project title is “**Fats, Oils, and Grease (FOG) - to - Biodiesel Demonstration Project**”. It will be referred to as the Project hereafter.

2.0 Pending Award Number

The depending award number is **DE-EE0000621**.

3.0 PURPOSE

San Francisco (SF) residents and the approximate 2,600 restaurants produce an estimated 2.5 million gallon of FOG per year. A majority of the FOG end up in the wastewater system contributing to an estimated 50% of all SF sewer emergency blockages costing the SF Public Utilities Commission (PUC) Wastewater Enterprise (WWE) \$3.5 million annually.

4.0 SCOPE

The Project aims to convert a negative economic and environmentally non-valued waste stream (FOG) into valuable products in a quantifiable social, economical, and environmental manner.

The Project aims to produce biodiesel utilizes the “highest and best use” of existing resources unlike biodiesel produced from waste vegetable oils (WVO) or virgin oils (palm, soybean, and canola) that has value as livestock feedstock and foodstuff, respectively.

The Project aims to save (i.e., offset) a calculated value of 250 metric tons of equivalent carbon dioxide emissions per year.

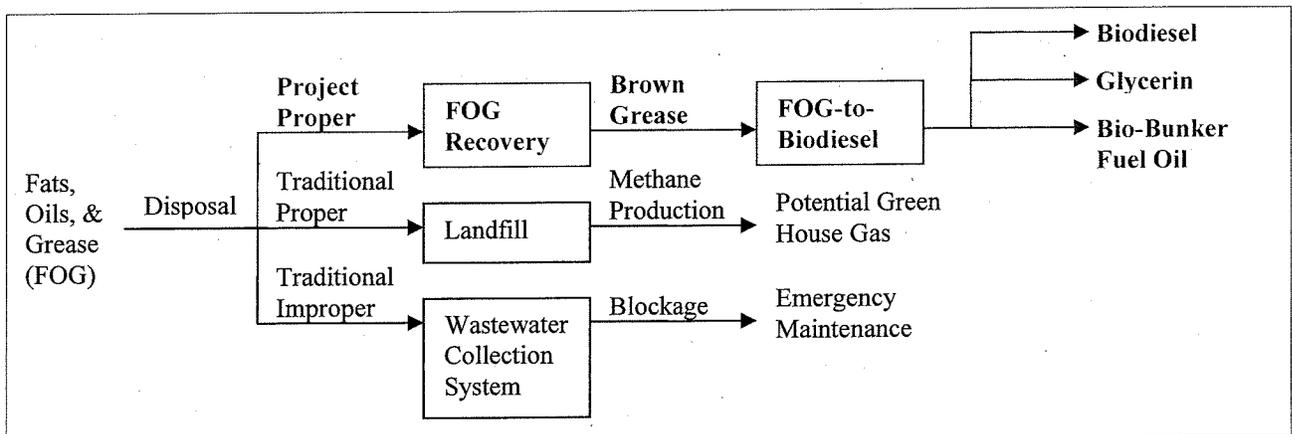


Figure 1. Project scope in blue bold.

5.0 APPROACH

The Project will coordinate with technology and equipment providers to develop and implement the first-ever commercial FOG-to-biodiesel facility.

The FOG-to-biodiesel facility comprises of two parts: The first part, the FOG recovery equipment will process 10,000 gallons per day (gpd) of grease trap waste with 3 to 7% of FOG by volume into 300 gpd of FOG with quality of less than 2% moisture, insolubles, and unsaponifiables (i.e., not suitable for use in soap production). The second part, the FOG-to-biodiesel equipment will convert the FOG into 300 gpd of ASTM D6751 biodiesel. ASTM D6751 is a quality specification set by the American Society for Testing and Materials, a recognized international standards organization.

6.0 PROJECT STAGE

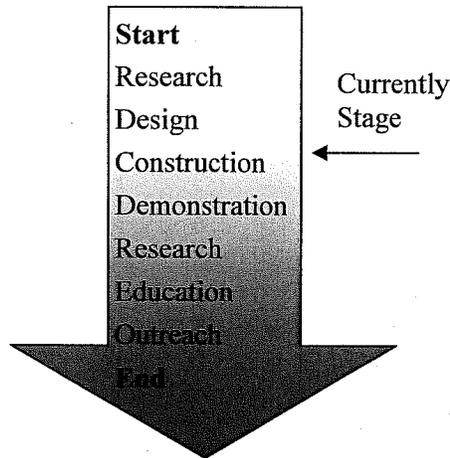


Figure 2. Current project stage.

7.0 Expected Outcomes

The Project is expected to produce 300 gpd ASTM D6751 quality biodiesel that will be capable of fueling all types of diesel vehicles without any modification and without voiding manufacturer warranties as opposed to fueling with WVO.

8.0 CONTACT

Table 1. Primary contact information.

Grant Manager	Principle Investigator	Principle Accountant
Karri Ving (415) 695-7366 KVing@sfwater.org	Domenec Jolis, PhD, P.E. (415) 648-6882 DJolis@sfwater.org	Olivia Estares (415) 487-5280 OEstares@sfwater.org



Department of Energy

Golden Field Office
1617 Cole Boulevard
Golden, Colorado 80401-3393

June 23, 2009

Mrs. Karri Ving
San Francisco Public Utilities Commission Biofuel Program
3801 Third St. Suite 600
San Francisco, CA 94124

Dear Mrs. Ving:

SUBJECT: Cost Share and Application requirements for "Brown Grease to Biodiesel" Pending Award Number DE-EE0000621

Thank you for submitting your one page project summary for your Congressionally Directed Project. Upon review of your summary, we determined that the required minimum non-Federal cost share percentage for your project is 50%. Therefore, the application for your project should reflect a requested DOE funding amount of \$951,500 and your minimum non-Federal cost share amount of \$951,500, for a Fiscal Year 2009 total project amount of \$1,903,000, after adjustment for required Congressionally directed rescissions. Your required cost share percentage is a minimum; and you can choose to provide additional cost share resulting in a higher total project amount.

You are now requested to submit an application package no later than thirty (30) days after receipt of this letter. An application package must include the following forms and information listed below, which can be downloaded from the DOE website at <https://www.eere-pmc.energy.gov/forms.aspx>. Many of the forms have been revised since last year, so it is imperative that the most current forms are downloaded and submitted.

1. Financial Assistance Pre-Award Information Sheet, PMC 121.1
NOTE: Complete the PMC 121.1 form first and promptly email it under separate cover to me at the email address listed below;
2. Application for Federal Assistance, Standard Form (SF) 424;
The list of Certifications and Assurances referenced in the SF 424, Field 21, can be found at http://management.energy.gov/business_doe/business_forms.htm. By signing the SF 424, you will be certifying compliance with these certifications and assurances.)
3. Budget Information – Non Construction Programs, SF 424A (include Federal and Cost Share);
4. Budget Justification Form, PMC 123.1;
5. Financial Information, PMC 410.1;
6. Disclosure of Lobbying Activities, SF-LLL (if applicable under 31 U.S.C., Section 1352)
7. Environmental Checklist, EF1. (This form should be completed on line at: <https://www.eere-pmc.energy.gov/nepa.asp>);
8. R&D Environmental Questionnaire (PMC 111.1);
9. Statement of Project Objectives, PMC 134.1;
10. Copy of your approved Indirect Rate Agreement or a Rate Proposal, following the Sample Rate Proposal, PMC 400.2;
11. Commitment Letters from Third Parties Contributing to Cost Share;



12. Subrecipient/Subcontractor Information: for each subrecipient/subcontractor who is expected to perform work estimated to be more than \$100,000 or 50 percent of the total work effort (whichever is less) provide: (1) separate SF 424A budget; (2) budget justification; (3) approved rate agreement or proposal; and (4) description of work;
13. Copy of the most recent A-133 audit (for non-profit, states, local governments, and educational institutions, if applicable) or independent audit (for for-profit entities);
14. A registered DUNS Number is required for all applicants. If you do not have a DUNS number, one may be requested at: <http://fedgov.dnb.com/webform/displayHomePage.do>;
15. Your organization must also be registered in the Central Contractor Registration (CCR) database. This is required in order to facilitate financial transactions, such as payments through electronic funds transfer. Registrants must update or renew their registration at least once per year to maintain an active status. To register in CCR, follow the processes described at: <http://www.ccr.gov/>; and
16. Your organization must register with FedConnect to receive your award documents. It is imperative that you register as soon as possible. More information is available at https://www.fedconnect.net/FedConnect/PublicPages/FedConnect_Ready_Set_Go.pdf. Questions pertaining to registration for FedConnect should be directed by e-mail to support@FedConnect.net or by phone to FedConnect Support at 1-800-899-6665.

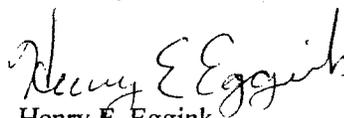
After submission of a complete application and DOE review, your award will be processed as quickly as possible. The target completion date for your award is ninety (90) days after receipt of a complete application. Failure to comply with the application submittal dates and instructions may result in substantial delays in processing your award. If you cannot meet the scheduled submission dates, DOE may process a conditional award, which will prohibit the release of DOE funds until all award conditions have been met. This letter should not be construed as a commitment on the part of DOE to either make an award or to make an award for a particular amount.

PLEASE NOTE, ELECTRONIC AUTHORIZATION OF AWARD DOCUMENTS IS DONE IN FEDCONNECT. Acknowledgement of award documents by the recipient's authorized representative through electronic systems used by the Department of Energy, specifically FedConnect, constitutes the recipient's acceptance of the terms and conditions of the award. Acknowledgement via FedConnect by the recipient's authorized representative constitutes the recipient's electronic signature.

You may incur allowable pre-award costs 90 calendar days prior to award without prior approval or more than 90 calendar days with the prior approval of DOE. The earliest date pre-award costs will be approved is the date of the Omnibus Appropriations Act, 2009, which was enacted March 11, 2009. All pre-award costs are incurred at your risk (i.e., DOE is under no obligation to reimburse such costs if for any reason you do not receive an award or if the award is less than anticipated and inadequate to cover such costs). All costs must be allowable in accordance with the applicable cost principles.

Administrative questions regarding your award or the application process should be addressed to me at 303-275-4825 or hank.eggink@go.doe.gov. Technical questions concerning your project should be directed to the cognizant Project Officer, Rene Binstock, at 303-275-6020 or rene.binstock@go.doe.gov

Sincerely,


Henry E. Eggink
Contracting Officer

ASSISTANCE AGREEMENT

1. Award No. DDEE0000621		2. Modification No. 003	3. Effective Date 11/01/2009	4. CFDA No. 81.087
5. Awarded To PUBLIC UTILITIES DEPT Attn: SAMUEL LARANO 1155 MARKET STREET, 4TH FLOOR SAN FRANCISCO CA 941031522		6. Sponsoring Office Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401		7. Period of Performance 11/01/2009 through 11/01/2012
8. Type of Agreement <input checked="" type="checkbox"/> Grant <input type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Other	9. Authority 109-58, Energy Policy Act (2005)		10. Purchase Request or Funding Document No. 10EE007302	
11. Remittance Address PUBLIC UTILITIES DEPT Attn: SAMUEL LARANO 1155 MARKET STREET, 4TH FLOOR SAN FRANCISCO CA 941031522		12. Total Amount Govt. Share: \$951,500.00 Cost Share : \$2,511,342.00 Total : \$3,462,842.00		13. Funds Obligated This action: \$0.00 Total : \$951,500.00
14. Principal Investigator Stephane Jolis Phone: 415-648-6882 ext. 1195		15. Program Manager Holly P. Thomas Phone: 303-275-4818		16. Administrator Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401-3393
7. Submit Payment Requests To		18. Paying Office OR for Golden U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 4517 Oak Ridge TN 37831		19. Submit Reports To See Attachment # 3
J. Accounting and Appropriation Data See Schedule				
I. Research Title and/or Description of Project SAN FRANCISCO BIOFUEL PROGRAM: BROWN GREASE TO BIODIESEL DEMONSTRATION				
For the Recipient		For the United States of America		
K. Signature of Person Authorized to Sign		25. Signature of Grants/Agreements Officer Signature on File		
L. Name and Title		24. Date Signed	26. Name of Officer Stephanie N. Carabjal	27. Date Signed 09/17/2010

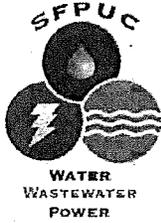
CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-EE0000621/003

PAGE OF
2 | 3

NAME OF OFFEROR OR CONTRACTOR
PUBLIC UTILITIES DEPT

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>DUNS Number: 038856845 The purpose of this modification is to:</p> <ol style="list-style-type: none"> 1) Lift the conditional status of this award and allow the Recipient access to \$951,500 in Federal funds, 2) Increase the Total Amount and Recipient Share as shown in Block #12, 3) Add Intellectual Property Provisions (Attachment #1) 3) Add the Statement of Project Objectives (Attachment #2), 4) Add the Financial Assistance Reporting Checklist (Attachment #3), 5) Add the Budget Information SF424a (Attachment #4) 6) Delete and Replace the Terms and Conditions, 7) Extend the Project Period to November 1, 2012, and 8) Update the DOE Award Administrator as shown below. <p>All other terms and conditions remain unchanged.</p> <p>In Block 7 of the Assistance Agreement, the Period of Performance reflects the entire project, shown as 11/01/2009 through 11/01/2012.</p> <p>DOE Award Administrator: Lalida Crawford E-mail: lalida.crawford@go.doe.gov Phone: 303-275-6041</p> <p>DOE Project Officer: Holly Thomas E-mail: holly.thomas@go.doe.gov Phone: 303-275-4818</p> <p>Recipient Business Officer: Karri Ving E-mail: kving@sflower.org Phone: 415-676-1890</p> <p>Recipient Principal Investigator: Domenec Jolis E-mail: djolis@sflower.org</p> <p>Continued ...</p> <p>Phone: 415-648-6882 X1195</p>				



AGENDA ITEM
Public Utilities Commission
City and County of San Francisco



DEPARTMENT Wastewater Enterprise

AGENDA NO. 13

MEETING DATE January 11, 2011

Accept & Expend Grant Funds: Regular Calendar

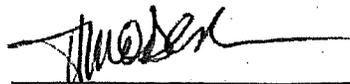
Project Managers: Bonnie Jones, Domenec Jolis, Natalie Sierra, Karri Ving

Accept and Expend Department of Energy Funds for the Brown Grease Recovery and Biofuel Demonstration Project

<p>Summary of Proposed Commission Action:</p>	<p>Authorize the General Manager of the San Francisco Public Utilities Commission (SFPUC) to request approval from the Board of Supervisors to accept and expend Congressionally Directed Project funds totaling \$951,500 from the 2009 Omnibus Appropriations Act, as administered by the Department of Energy (DOE), for the "Fats, Oil and Grease (FOG) to Biodiesel" Project, currently in the process of demonstrating newly developed technologies to recover waste fats, oil, and grease (FOG, a.k.a. "brown grease" or "trap grease") to be converted to biofuel including biodiesel.</p>
<p>Background & Project Goals & Objectives & Outcomes:</p>	<p>Background: In February 2009, the San Francisco Public Utilities Commission (SFPUC) launched the Brown Grease Recovery and Biofuel Demonstration project in partnership with URS Engineering, Black Gold Biofuels, Pacific Biodiesel, the California Energy Commission (CEC) Public Interest Energy Research Program and the Environmental Protection Agency (EPA), to demonstrate that grease that is currently being discarded can instead be recovered and used to replace conventional diesel fuel for municipal fleets. In June 2009, the DOE notified the SFPUC that the Brown Grease Recovery and Biofuel Production Demonstration was chosen as a Congressionally Directed Project identified for funding in the 2009 Omnibus Appropriations Act, awarding the project \$951,500 in funds. The Congressionally Directed Project stipulations require local matching in-kind funds of \$951,500 by the SFPUC over the next two years, funds which have already been met.</p>

APPROVAL:

DEPARTMENT / BUREAU



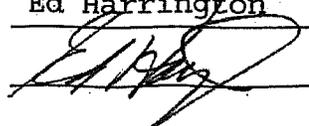
FINANCE

Todd L. Rydstrom

COMMISSION SECRETARY

Mike Housh

GENERAL MANAGER

Ed Harrington


	<p>Project Goals and Objectives: The purpose of this project is to demonstrate that newly developed technologies can recover waste fats, oil, and grease (FOG, a.k.a. "brown grease" or "trap grease") and produce biodiesel as well as other types of biofuel. A successful demonstration of this technology will increase the likelihood that, in the future, grease that is currently being discarded will be recovered and used to replace conventional diesel fuel. A further goal of this project is to demonstrate that co-locating a FOG recovery facility at a publicly owned treatment works (POTW) can enable the POTW to reduce its overall reliance on fossil fuels and lessen its demand on the already overburdened power grid (POTWs on average account for 3% of the total electricity consumed annually in the U.S.).</p> <p>Project Outcomes: The proposed demonstration has three main goals:</p> <ol style="list-style-type: none"> 1. Demonstrate that brown grease can be recovered cost-effectively from waste FOG and concentrated to 99% purity. 2. Demonstrate that ASTM-spec biodiesel meeting ultra-low sulfur requirements can be produced from brown grease. 3. Demonstrate/validate the benefits of co-locating these facilities at POTWs. <p>Section 10.170 of the San Francisco Administrative Code permits the application for federal, state, or other grants upon the approval of the department head. Section of 10.170-1 of the San Francisco Administrative Code further states that the acceptance and expenditure of Federal, State or other grant funds is subject to the approval by resolution of the Board of Supervisors.</p>						
<p>Result of Inaction:</p>	<p>SFPUC will not qualify for these Congressionally Directed Project funds, resulting in increased Operating Budget expenses.</p>						
<p>Schedule:</p>	<p>US DOE Congressionally Directed Project funds are to be awarded by December 2010. Project completion is expected within two years of the notice of award.</p>						
<p>Environmental Review:</p>	<p>A class 6 Categorical Exemption was issued for this project on February 6, 2008.</p>						
<p>Budget & Costs:</p>	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">FUNDING SOURCE:</th> <th style="width: 50%;">COSTS:</th> </tr> </thead> <tbody> <tr> <td>Department of Energy</td> <td>\$951,500</td> </tr> <tr> <td>California Energy</td> <td>\$995,791</td> </tr> </tbody> </table>	FUNDING SOURCE:	COSTS:	Department of Energy	\$951,500	California Energy	\$995,791
FUNDING SOURCE:	COSTS:						
Department of Energy	\$951,500						
California Energy	\$995,791						

Accept & Expend Grant Funds

Commission Meeting Date: January 11, 2011

	Commission (through a Public Energy Research Grant) (formally accepted)		
	Environmental Protection Agency Grant (formally accepted)	\$175,000	
	Wastewater Enterprise FY 09-10 and FY 10-11 Project Budgets: (projected to be matched in-kind through SFPUC labor, equipment purchases and analytical lab services) The project budgets are CENRNR H2 59, CWP104-02, and CWPX5 CCPFCPI	\$1,340,551	
	Total:	\$3,462,842	
Recommendation:	Authorize the General Manager of the SFPUC to request approval from the Board of Supervisors to accept and expend Congressionally Directed Project funds totaling \$951,500 from the 2009 Omnibus Appropriations Act, as administered by the Department of Energy (DOE):		
Attachment:	1. SFPUC Resolution		

PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO. 11-0009

WHEREAS, The Brown Grease Recovery and Biofuel Demonstration Project was chosen as a Congressionally Directed Project identified for funding from the Omnibus Appropriations Act of 2009 to demonstrate that newly developed technologies can recover waste fats, oil, and grease (FOG, a.k.a. "brown grease" or "trap grease") to be converted to biofuel including biodiesel; and

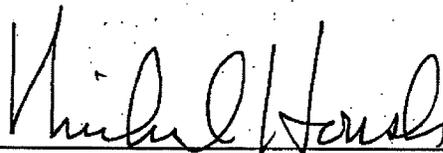
WHEREAS, The Department of Energy notified the SFPUC in June 2009 that the Brown Grease Recovery and Biofuel Production Demonstration Project was awarded \$951,500 from the 2009 Omnibus Appropriations Act; and

WHEREAS, Required matching funds of \$951,500 have already been met through the FY 09/10 and FY 10/11 Wastewater Enterprise Project Budgets; and

WHEREAS, In compliance with the California Environmental Quality Act, the project was determined to be Categoricaly Exempt on February 6, 2008, and an environmental assessment or environmental impact statement is not required under the National Environmental Policy Act ; now, therefore, be it

RESOLVED, That this Commission authorizes the General Manager of the San Francisco Public Utilities Commission to request permission from the Board of Supervisors to accept and expend Omnibus Appropriations Act funds totaling \$951,500 from the Department of Energy, and to execute all required agreements.

I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of January 11, 2011



Secretary, Public Utilities Commission

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

City Elective Officer Information (Please print clearly.)	
Name of City elective officer(s): Members, Board of Supervisors	City elective office(s) held: Members, Board of Supervisors
Contractor Information (Please print clearly.)	
Name of contractor: URS Corporation Americas	
Please list the names of (1) members of the contractor's board of directors; (2) the contractor's chief executive officer, chief financial officer and chief operating officer; (3) any person who has an ownership of 20 percent or more in the contractor; (4) any subcontractor listed in the bid or contract; and (5) any political committee sponsored or controlled by the contractor. Use additional pages as necessary.	
<ol style="list-style-type: none"> 1. Martin M. Koffel 2. Martin M. Koffel, Chairman of the Board and Chief Executive Officer, H. Thomas Hicks, Chief Financial Officer. 3. N/A 4. N/A 5. N/A 	
Contractor address: 1333 Broadway, Suite 800, Oakland, CA 94612	
Date that contract was approved: (By the SF Board of Supervisors)	Amount of contract: \$14,372
Describe the nature of the contract that was approved: Accept and Expend Grant – Brown Grease Recovery and Biofuel Demonstration Project	
Comments: None	

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 Authority Commission, Industrial Development Authority Board, Parking Authority, Redevelopment Agency Commission, Relocation Appeals Board, Treasure Island Development Authority) on which an appointee of the City elective officer(s) identified on this form sits

Print Name of Board

Filer Information (Please print clearly.)	
Name of filer: Angela Calvillo, Clerk of the Board	Contact telephone number: (415) 554-5184
Address: City Hall, Room 244, 1 Dr. Carlton B. Goodlett Pl., San Francisco, CA 94102	E-mail: Board.of.Supervisors@sfgov.org

Signature of City Elective Officer (if submitted by City elective officer)

Date Signed

Signature of Board Secretary or Clerk (if submitted by Board Secretary or Clerk)

Date Signed

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

City Elective Officer Information <i>(Please print clearly.)</i>	
Name of City elective officer(s): Members, Board of Supervisors	City elective office(s) held: Members, Board of Supervisors
Contractor Information <i>(Please print clearly.)</i>	
Name of contractor: INTERTEK LABORATORIES	
<i>Please list the names of (1) members of the contractor's board of directors; (2) the contractor's chief executive officer, chief financial officer and chief operating officer; (3) any person who has an ownership of 20 percent or more in the contractor; (4) any subcontractor listed in the bid or contract; and (5) any political committee sponsored or controlled by the contractor. Use additional pages as necessary.</i>	
<ol style="list-style-type: none"> 1. Vanni Treves; Wolfhart Hauser; Lloyd Pitchford; David Allvey; Debra Rade; Christopher Knight; Edward Astle; Gavin Daryby; Alan Brown; Michael Wareing 2. Wolfhart Hauser, CEO; Lloyd Pitchford, CFO; Paul Yao, COO 3. N/A 4. None 5. N/A 	
Contractor address: 601 West California Avenue, Sunnyvale, CA 94086	
Date that contract was approved: <i>(By the SF Board of Supervisors)</i>	Amount of contract: \$87,661
Describe the nature of the contract that was approved: Accept and Expend Grant – Brown Grease Recovery and Biofuel Demonstration Project	
Comments: None	

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 Authority Commission, Industrial Development Authority Board, Parking Authority, Redevelopment Agency Commission, Relocation Appeals Board, Treasure Island Development Authority) on which an appointee of the City elective officer(s) identified on this form sits

Print Name of Board

Filer Information <i>(Please print clearly.)</i>	
Name of filer: Angela Calvillo, Clerk of the Board	Contact telephone number: (415) 554-5184
Address: City Hall, Room 244, 1 Dr. Carlton B. Goodlett Pl., San Francisco, CA 94102	E-mail: Board.of.Supervisors@sfgov.org

Signature of City Elective Officer (if submitted by City elective officer)

Date Signed

Signature of Board Secretary or Clerk (if submitted by Board Secretary or Clerk)

Date Signed

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

City Elective Officer Information <i>(Please print clearly.)</i>	
Name of City elective officer(s): Members, Board of Supervisors	City elective office(s) held: Members, Board of Supervisors
Contractor Information <i>(Please print clearly.)</i>	
Name of contractor: Black Gold Biofuels (formerly PHILADELPHIA FRY-O-DIESEL INC)	
Please list the names of (1) members of the contractor's board of directors; (2) the contractor's chief executive officer, chief financial officer and chief operating officer; (3) any person who has an ownership of 20 percent or more in the contractor; (4) any subcontractor listed in the bid or contract; and (5) any political committee sponsored or controlled by the contractor. Use additional pages as necessary.	
<ol style="list-style-type: none"> 1. Stephen Fernands; Peter Shaw; Charles Howland; Bob Bradley 2. Emily Bockian Landsburg; N/A, Nate Turner 3. N/A 4. Pacific Biodiesel Technologies 5. N/A 	
Contractor address: 1528 Walnut Street, Floor 21, Philadelphia, PA 19102	
Date that contract was approved: <i>(By the SF Board of Supervisors)</i>	Amount of contract: \$447,945
Describe the nature of the contract that was approved: Accept and Expend Grant – Brown Grease Recovery and Biofuel Demonstration Project	
Comments: None	

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 Authority Commission, Industrial Development Authority Board, Parking Authority, Redevelopment Agency Commission, Relocation Appeals Board, Treasure Island Development Authority) on which an appointee of the City elective officer(s) identified on this form sits

Print Name of Board

Filer Information <i>(Please print clearly.)</i>	
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