Solazyme, Inc. Proprietary Information

Attachment B

Limited Rights Data that will be utilized in the performance of this award include the following:

Part 1. Unpublished Patent Applications	
Title	**Brief Description**

REDACTED
EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

PMC 460.2
(09/06)

U.S. DEPARTMENT OF ENERGY – RISK ASSESSMENT

SECTION I – To be completed by the Specialist and forwarded to D&B Coordinator

Name of Requestor:	Molly Hames	**Date of Request:**	12/16/2009
Awardee Name:	Solazyme, Inc.	**Award No.**	DE-EE0002877
Street Address:	561 Eccles Avenue	**Project Title**	Solazyme Integrated Biorefinery (SzIBR): Diesel Fuels from Heterotrophic Algae
City/State/ZIP:	South San Fransisco, CA, 94080-1906	**DUNS Number:**	14-586-2012
Business Contact:	Anthony Day	**Phone Number:**	650-780-4777

☐ The Recipient has been selected for Award. Please pull a Dun & Bradstreet (D&B) Business Information Report (BIR). This report should be requested on all For Profit and Non-Profit Recipients with awards > $100K (DOE) (excluding Educational Institutions, Tribal Nations, or State and Local Governments). *This form should be used for new awards, renewals and continuations.*

☒ The Recipient is a Small Business entity and a D&B BIR report was pulled which identified a 4 rating. Please pull D&B Small Business Risk Account Scoring Report. The PMC460.3 "Authorization For Consumer Report Information" is properly signed and attached.

☐ The Recipient has requested reassessment due to changed situation. Date of initial report was: _____. A new PMC460.3 "Authorization For Consumer Report Information" is properly signed and attached. *(Note: A reassessment may be requested no sooner than 6 months after initial D&B report date)*

SECTION II -To be completed by D&B Coordinator

Type of D&B Report Pulled
☒ Business Information Report (BIR)
☐ Small Business Scoring Report (SBRASR) (PMC460.3 required)
Proper Authorization Verified Initial:_____

Report Pulled By:
Name: **Carlo DiFranco**
Date: **12/16/2009**
Electronic File Name: **PMC Shared Docs/Risk Assess/DB Reports/SOLAZYME, INC_121619.doc**

Comments:

D&B SCORE: **1R3**

SECTION III - To Be Completed by FOA/Congressional Directed Project Specialist

The Specialist will make a risk assessment recommendation based on the following criteria.

All Recipients: Recipient is **not At Risk** if the last digit of the BIR Score is a 1, 2, or 3,

Other than Small Business: Recipient is **At Risk** if the last digit of the BIR Score is a 4, or there is no score and instead is a letter code or --

Small Business: If last digit of the BIR Score is 4, request a SBRASR report. If the SBRASR score is between 0 and 15, Recipient is **At Risk**.
If the SBRASR score is between 16 and 30, Recipient is **At Risk**, but may not require as high of a level of monitoring.
If the SBRASR score is greater than 30, Recipient is **not At Risk**.
If there is an unexpected event or material item discovered which will impact the assessment, further analysis may be required. (i.e. information received in conversation with the recipient)

Awardee Risk Determination

☐ At Risk (Include the **"At Risk"** provision in the Terms and Conditions of the Award. Follow-up is required if any Action Items are checked below)

☒ Not At Risk (No Further Action Required)

Action Items/Recommendations:

☐ Awardee requires on-going monitoring: Activate D&B Customer Watch Alert Monitoring Service and forward the results to the Specialist.
☐ CP Analysis required on additional information received (i.e. Financial Statements, SBRASR Reports)*
☐ Other:_____

Comments: The Recipient will be put on ACH payment terms.

Assessment Completed by: Molly Hames, Grants and Agreements Specialist Date: 12/16/2009
[Enter Name, Title]

Specialists: Forward this form, or the results (including Recipient Name, DUNS, Award No., and Y/N At-Risk Determination), to the D&B Coordinator, who will update the Tracking Log and activate the D&B Customer Watch, if applicable. Place this form in the Award File, along with the first page of the D&B Report containing the score. *The Specialist shall initiate a PMC 420.3 form if CP analysis is required (GO only).

To save report(s) to your PC, click here for instructions. Print this Report

D&B Business Information Report: SOLAZYME, INC.

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for the exclusive use of subscriber 264772115L

ATTN: Carlo DiFranco
Report Printed: DEC 16 2009
In Date

* * * BUSINESS SUMMARY * * *

SOLAZYME, INC.
561 Eccles Ave
Moved From: 571 Eccles Ave, South San Francisco, Ca
South San Francisco, CA 94080

This is a single location.		D-U-N-S® Number:	14-586-2012
Web site:	www.solazyme.com	D&B Rating:	1R3
Telephone:	650 871-4810	Number of employees:	1R is 10 or more employees.
Chief executive:	JONATHAN WOLFSON, CEO	Composite credit appraisal:	3 is fair.
Year started:	2004		
Employs:	33	D&B PAYDEX®:	
History:	CLEAR	12-Month D&B PAYDEX:	76
Financing:	SECURED		
SIC:	8731	When weighted by dollar amount, payments to suppliers average 6 days beyond terms.	
Line of business:	Commercial physical research	Based on trade collected over last 12 months.	

* * * SPECIAL EVENTS * * *

PMC 410.1
(07/06)

U.S. DEPARTMENT OF ENERGY
PROJECT MANAGEMENT CENTER

FINANCIAL INFORMATION

PROVIDE ALL INFORMATION REQUESTED ON THIS FORM

Applicant: Solazyme, Inc.

Project Title: **Solazyme Integrated Biorefinery (SzIBR): Diesel Fuels from Heterotrophic Algae**

Announcement/Award No: **DE-FOA-0000096**

1. Have you had prior Federal awards? ☒ Yes ☐ No

2. Have you had an outside audit or an A-133 audit? ☒ Yes ☐ No
If yes, please provide a copy of the A-133 or outside audit (electronic preferred).

INFORMATION FOR DETERMINING COGNIZANT AGENCY/OFFICE

3. Applicant's fiscal year end date is December 31

4a. Identify Cognizant **Federal Agency** (agency providing the preponderance of Federal funding), and provide Agency name, a point of contact, phone number, and e-mail.

Agency: Defense Logistics Agency
Point of Contact: Mr. John Dormer
Phone: 215-737-2284
E-mail: john.dormer@dla.mil

4b. To assist our office in validating Cognizant **Federal Agency** (4a), please provide following information for the 5 highest dollar award value for current Federal contracts, grants or awards (do not include sub-awards). (State Agencies and Universities can skip 4b)

Contract/Award #	Awarding Agency	Awarding Office	Start Date	End Date	Total Value
SP 4701-09-C-0040	DLA	Philadelphia	8/31/09	8/30/10	$8.574M
SP 0600-09-R-0704	DESC	Fort Belvoir, VA	9/1/09	7/30/10	$223K

5a. If applicant has current DOE awards, identify Cognizant **DOE Office** (office providing the preponderance of DOE funding), and provide DOE office name, a point of contact, phone number, and e-mail.

DOE Office:
Point of Contact (Contracting Officer):
Phone:
E-mail:

5b. To assist our office in validating Cognizant **DOE Office** (5a), please provide following information for the 5 highest dollar value awards for current DOE contracts, grants or awards (do not include sub-awards). (State agencies and Universities can skip 5b)

DOE Contract/Award #	DOE Awarding Office	Start Date	End Date	Total Value

FINANCIAL MANAGEMENT SYSTEM

To qualify for Financial Assistance, compliance with 10 CFR 600.121 - Higher Education, Hospitals, and Other Non-Profit Organizations, 10 CFR 600.220(b) - State and Local Governments or 10 CFR 600.311 - For-Profit Organizations is required. Please check applicable boxes below.

☒ The Financial Management System is in compliance with 10 CFR 600.121, 10 CFR 600.220(b), or 10 CFR 600.311.

☐ I do not know if my Financial Management System is in compliance with 10 CFR 600.121, 10 CFR 600.220(b), or 10 CFR 600.311. If this block is checked, complete the survey below.

Accounting System Survey

	Yes	No	NA
1. Is your Accounting System in accordance with Generally Accepted Accounting Principles applicable to the circumstances?	☐	☐	☐
2. Accounting System provides for:			
a. Segregation of direct costs from indirect costs.	☐	☐	☐
b. Identification and accumulation of direct costs by project.	☐	☐	☐
c. A logical and consistent method for the allocation of indirect costs to intermediate and final cost objectives. (Project is final cost objective)	☐	☐	☐
d. Accumulation of costs under general ledger control.	☐	☐	☐
e. A timekeeping system that identifies employees' labor by intermediate and final cost objectives.	☐	☐	☐
f. A labor distribution system that charges direct and indirect labor to appropriate cost objectives.	☐	☐	☐
g. Interim (at least monthly) determination of costs charged to a project through routine posting of books of account.	☐	☐	☐
h. Excluding costs charged to Government projects which are not allowable in terms of FAR 31, Contract Cost Principles and Procedures, or other provisions.	☐	☐	☐
i. Identification of costs by project line item and by units (as if each unit or line item were a separate project) if required by the proposed award.	☐	☐	☐
3. Is the Accounting System designed, and are the records maintained in such a manner that adequate, reliable data are developed for use in developing cost proposals?	☐	☐	☐
4. Is the Accounting System currently in full operation?	☐	☐	☐

Solazyme's indirect rate is calculated based on the PMC 400.2 Sample Indirect Rate Proposal – Two Rate Method (Fringe and Indirect Rate).

Fringe rate justification:

____	**A fringe benefit rate has been negotiated with, or approved by, a federal government agency. A copy of the latest rate agreement is included with this application, and will be provided electronically to the Contracting Officer for this project.** *(When this option is selected, a presentation of the budget that demonstrates the appliction of the approved rate, to arrive at the proposed fringes benefits dollars should also be provided.)*
X	**There is not a current, federally approved rate agreement negotiated and available.** *(When this option is checked, the entity preparing this form shall submit a rate proposal in the format provided at the following website, or a format that provides the same level of information and which will support the rates being proposed for use in performance of the proposed project. Go to https://www.eere-pmc.energy.gov/forms.aspx and select PMC 400.2 Sample Rate Proposal.)*

REDACTED
EXEMPTION 4

Indirect rate justification:

____	**There is a federally approved indirect rate agreement. A copy is provided with this application and will be provided electronically to the Contracting Officer for this project.** *(When this option is selected, a presentation of the budget that demonstrates the application of the approved rate, to arrive at the proposed indirect charges proposed should also be provided.)*
X	**There is no current, federally-approved indirect rate agreement.** *(When this option is checked, the entity preparing this form shall submit an indirect cost rate proposal in the format provided at the following website, or in a format that provides the same level of information and which supports the rate(s) being proposed for use in estimating the project. Go to https://www.eere-pmc.energy.gov/forms.aspx and select PMC 400.2 Sample Rate Proposal.)*

REDACTED
EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

Audit Report No. 04281-2009A17740010

DEFENSE CONTRACT AUDIT AGENCY

AUDIT REPORT NO. 04281–2009A17740010

RESULTS OF AUDIT

REDACTED
EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

EPLS

Excluded Parties List System

Search - Current Exclusions

- Advanced Search
- Multiple Names
- Exact Name and SSN/TIN
- MyEPLS
- Recent Updates

View Cause and Treatment Code Descriptions

- Reciprocal Codes
- Procurement Codes
- Nonprocurement Codes

Agency & Acronym Information

- Agency Contacts
- Agency Descriptions
- State/Country Code Descriptions

OFFICIAL GOVERNMENT USE ONLY

- Debar Maintenance
- Administration
- Upload Login

EPLS Search Results

Search Results for Parties Excluded by

Exact Name : Solazyme, Inc. or Cherokee Pharmaceuticals LLC or Abengoa Energy or Bluefire Ethanol, Inc. or UOP LLC

As of 21-Dec-2009 6:32 PM EST

Save to MyEPLS

Your search returned no results.

It is further recommended that you perform a **Partial Name** search on any word of the name to further confirm the eligibility status of the party. An additional **Partial Name** search might be necessary because an **Exact Name** match will not be found if the spelling or format of the name you are searching for is different than the name of the exclusion in EPLS.

Back New Search Printer-Friendly

Resources

- Search Help
- Public User's Manual
- FAQ
- Acronyms
- Privacy Act Provisions
- News

Reports

- Advanced Reports
- Recent Updates
- Dashboard

Archive Search - Past Exclusions

- Advanced Archive Search
- Multiple Names
- Recent Updates

Contact Information

- For Help: Federal Service Desk

EPLS

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- State/Country Code Descriptions

OFFICIAL GOVERNMENT USE ONLY

- Debar Maintenance
- Administration
- Upload Login

EPLS Search Results

Search Results for Parties Excluded by

Exact Name : Natural Resource Group LLC or Renewable Energy Group, Inc. or Bauer, Dennis or Wooley, Robert or Cuzen, John

As of 21-Dec-2009 6:35 PM EST

Save to MyEPLS

Your search returned no results.

It is further recommended that you perform a **Partial Name** search on any word of the name to further confirm the eligibility status of the party. An additional **Partial Name** search might be necessary because an **Exact Name** match will not be found if the spelling or format of the name you are searching for is different than the name of the exclusion in EPLS.

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- Dashboard

Archive Search - Past Exclusions

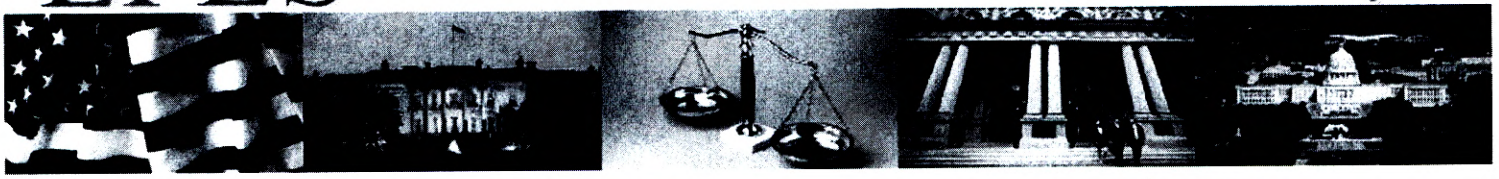
- Advanced Archive Search
- Multiple Names
- Recent Updates

Contact Information

- For Help: Federal Service Desk

EPLS

Excluded Parties List System



Search - Current Exclusions

- Advanced Search
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- State/Country Code Descriptions

OFFICIAL GOVERNMENT USE ONLY

- Debar Maintenance
- Administration
- Upload Login

EPLS Search Results

Search Results for Parties Excluded by

Exact Name : Bozzano, Andrea or Potas, Todd or Meier, Glen or Day, Anthony or Wolfson, Jonathan

As of 21-Dec-2009 6:38 PM EST

Save to MyEPLS

Your search returned no results.

It is further recommended that you perform a **Partial Name** search on any word of the name to further confirm the eligibility status of the party. An additional **Partial Name** search might be necessary because an **Exact Name** match will not be found if the spelling or format of the name you are searching for is different than the name of the exclusion in EPLS.

Back New Search Printer-Friendly

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- Dashboard

Archive Search - Past Exclusions

- Advanced Archive Search
- Multiple Names
- Recent Updates

Contact Information

- For Help: Federal Service Desk

Memorandum for File

From: Matthew A. Barron, Director, Financial Assistance (RE)
James P. Damm, Director, Financial Assistance (EE)

Concurrence: Derek Passarelli, Legal Counsel
James Spaeth, Director, OCPM
Carolyn Elam for Jim Spaeth

Subject: Approval for Processing Conditional Awards with American Recovery and Reinvestment Act of 2009 (ARRA) Funds

Date: December 18, 2009

Because of the unprecedented exigencies dictated by the American Recovery and Reinvestment Act of 2009 (ARRA), this memorandum approves the use of conditional awards to expedite competitively selected new awards.

Given the ARRA priorities, it is understood that some ARRA awards may have full conditions with no release of funds, and some ARRA awards may have partial restrictions on the awards. Given the urgency of completing these ARRA awards, Contracting Officers, with their OCPM Project Officers, may determine the extent to which restrictions or special provisions will apply to these awards.

For any of these ARRA awards that are awarded conditionally, OAFA and OCPM will continue to work with the recipients to lift the conditions on the ARRA awards as soon as practicable.

December 4, 2009

Mr. Anthony Day
Solazyme, Inc.
561 Eccles Avenue
South San Francisco, CA 94080

Dear Mr. Anthony Day:

SUBJECT: Biomass Funding Opportunity Announcement DE-FOA-0000096, Recovery Act - Demonstration of Integrated Biorefinery Operations

Evaluation of your application received in response to the subject Funding Opportunity Announcement has been completed. After a careful review, I am pleased to inform you that your application has been selected for negotiations leading to an award.

In order to expedite the negotiation process, further information is needed to clarify and supplement your application. Please submit the following information to Molly Hames, Specialist, by January 4, 2010, if the information was not previously provided, or if any information has changed.

1. Complete each of the following required forms, which are available on the Project Management Center website at https://www.eere-pmc.energy.gov/Forms.aspx

    a. Application for Federal Assistance, SF 424;
    b. Budget Information – Non Construction Programs, SF 424A or SF 424 (R&R);
    c. 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;
    d. Financial Information, PMC 410.1;
    e. Representation of Limited Rights Data and Restricted Computer Software;
    f. Environmental Checklist, EF1. (This form should be completed on line at https://www.eere-pmc.energy.gov/nepa.asp)
    g. Statement of Project Objectives;
    h. Commitment Letters from Third Parties Contributing to Cost Sharing;
    i. Copy of your approved Indirect Rate Agreement or a Rate Proposal, following the guidelines in the PMC 400.2 form.

During fiscal year 2008, this office will implement a new electronic, paperless procurement system called STRIPES. Upon implementation of STRIPES, ALL organizations currently doing or wanting to do business with this office MUST BE registered with the Central Contractor Registration (CCR) and with FedConnect. As a result, it is imperative that you read and react to information provided in the document entitled "CCR and FedConnect Registrations" on the above referenced PMC website.

The Financial Assistance Regulations, found at https://www.eere-pmc.energy.gov/forms.aspx , and the OMB Circulars, found at http://www.whitehouse.gov/OMB/circulars/index.html will assist you in understanding your requirements as an award Recipient

You may incur pre-award costs 90 calendar days prior to award without prior approval or more than 90 calendar days with the prior approval of DOE. 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.

In order to expedite the negotiation process, further information is needed to clarify and supplement your application. Please submit the following information to Molly Hames, Specialist, by January 4, 2010, if the information was not previously provided, or if any information has changed.

All projects receiving financial assistance from DOE must be reviewed under NEPA, for potential environmental impacts of the project. Funding for an award is contingent upon successfully completing the negotiations and obtaining the NEPA determination. You are restricted from taking any action using federal funds or your cost share funds, which would have an adverse affect on the environment or limit the choice of reasonable alternatives prior to DOE providing either a NEPA clearance or a final NEPA decision regarding the project.

If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

This letter constitutes your debriefing for this Funding Opportunity Announcement.

On behalf of the Department of Energy, I would like to express a sincere appreciation of your interest and participation in developing the US bioindustry and look forward to initiating this worthwhile project.

Sincerely,

Fred Gerdeman

Fred Gerdeman
Merit Review Committee Chairperson

Applicant Name: Abengoa Bioenergy New Technologies (sub-recipient) Award Number: DE-FOA-0000096

Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

Section A - Budget Summary

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.				$528,082		
2.						
3.						
4.						
5. Totals		$0		$528,082		

REDACTED EXEMPTION 4

Section B - Budget Categories

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) Period 1	(2) Period 2	(3)	(4)	
a. Personnel					
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					
j. Indirect Charges					
k. **Totals** (sum of 6i-6j)					
7. Program Income					

REDACTED EXEMPTION 4

Previous Edition Usable

SF-424A (Rev. 4-92)
Prescribed by OMB Circular A-102

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Section C - Non-Federal Resources

(a) Grant Program	(b) [illegible]	(c) State	(d) Other Sources	(e) **Totals**
8. DE-FOA-0000096				
9.				
10.		4		
11.				
12. **Total** (sum of lines 8 - 11)				

indirect duties
including rate

Section D - Forecasted Cash Needs

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th quarter
13. Federal	$49,002		REDACTED EXEMPTION 4		$49,002
14. Non-Federal					
15. **Total** (sum of lines 13 and 14)					

Section E - Budget Estimates of Federal Funds Needed for Balance of the Project

	Future Funding Periods (Years)			
(a) Grant Program	(b) First	(c) Second	(d) Third	(e) Fourth
16.				
17.		REDACTED EXEMPTION 4		
18.				
19.				
20. **Total** (sum of lines 16-19)				

Section F - Other Budget Information

21. Direct Charges

"Other" direct charges includes value of in-kind contribution - use of equipment for project

22. Indirect Charges

Indirect charges are based on a provisional rate of 6.85% of personnel, fringes, travel, and supplies; current internal overhead rate is 27.4% of total direct charges to projects.

23. Remarks

SF-424A (Rev. 4-92)

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Instructions for the SF-424A

Public Reporting Burden for this collection of information is estimated to average 3.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Please do not return your completed form to the Office of Management and Budget; send it to the address provided by the sponsoring agency.

General Instructions
This form is designed so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which requires Federal authorization in annual or other funding period increments. In the later case, Sections A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown by the object class categories shown in Lines a-k of Section B.

Section A. Budget Summary Lines 1-4 Columns (a) and (b)
For applications pertaining to a **single** Federal grant program (Federal Domestic Assistance Catalog number) and **not requiring** a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a **single** program **requiring** budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in **Column** (a) and the respective catalog number on each line in Column (b).
For applications pertaining to **multiple** programs where one or more programs **require** a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

Lines 1-4, Columns (c) through (g)

For new applications, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

For continuing grant program applications, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For supplemental grants and changes to existing grants, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

Line 5—Show the totals for all columns used.

Section B. Budget Categories
In the column headings (a) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1-4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

Lines 6a-i—Show the totals of Lines 6a to 6h in each column.

Line 6j—Show the amount of indirect cost.

Line 6k—Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total amount shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.
Line 7—Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program narrative statement the nature and source of income. The estimated amount of program income may be considered by the federal grantor agency in determining the total amount of the grant.

Section C. Non-Federal Resources

Lines 8-11—Enter amounts of non-Federal resources that will be used on the grant. If in-kind contributions are included, provide a brief explanation on a separate sheet.

Column (a)—Enter the program titles identical to Column (a), Section A. A breakdown by function or activity is not necessary.

Column (b)—Enter the contribution to be made by the applicant.

Column (c)—Enter the amount of the State's cash and in-kind contribution if the applicant is not a State or State agency. Applicants which are a State or State agencies should leave this column blank.

Column (d)—Enter the amount of cash and in-kind contributions to be made from all other sources.

Column (e)—Enter totals of Columns (b), (c), and (d).

Line 12—Enter the total for each of Columns (b)-(e). The amount in Column (e) should be equal to the amount on Line 5, Column (f) Section A.

Section D. Forecasted Cash Needs

Line 13—Enter the amount of cash needed by quarter from the grantor agency during the first year.

Line 14—Enter the amount of cash from all other sources needed by quarter during the first year.

Line 15—Enter the totals of amounts on Lines 13 and 14.

Section E. Budget Estimates of Federal Funds Needed for Balance of the Project

Lines 16-19—Enter in Column (a) the same grant program titles shown in Column
(a), Section A. A breakdown by function or activity is not necessary. For new applications and continuation grant applications, enter in the proper columns amounts of Federal funds which will be needed to complete the program or project over the succeeding funding periods (usually in years). This section need not be completed for revisions (amendments, changes, or supplements) to funds for the current year of existing grants.
If more than four lines are needed to list the program titles, submit additional schedules as necessary.

Line 20—Enter the total for each of the Columns (b)-(e). When additional schedules are prepared for this Section, annotate accordingly and show the overall totals on this line.

Section F. Other Budget Information

Line 21—Use this space to explain amounts for individual direct object-class cost categories that may appear to be out of the ordinary or to explain the details as required by the Federal grantor agency.

Line 22—Enter the type of indirect rate (provisional, predetermined, final or fixed) that will be in effect during the funding period, the estimated amount of the base to which the rate is applied, and the total indirect expense.

Line 23—Provide any other explanations or comments deemed necessary.

PMC123.1 - Budget Justification for SF 424A Budget

Instructions and Summary

Award Number: DE-FOA-0000096
Award Recipient: Bluefire (sub-recipient)

Date of Submission: 8/9/2011
Form submitted by: Solazyme
(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 est

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						
b. Fringe Benefits						
c. Travel						
d. Equipment						
e. Supplies						
f. Contractual						
Sub-recipient						
FFRDC						
Vendor						
Total Contractual						
g. Construction						
h. Other Direct Costs						
i. Indirect Charges						
Total Project Costs						

REDACTED
EXEMPTION 4

Additional Explanations/Comments (as necessary)

REDACTED
EXEMPTION 4

Budget Justification Sub-Awardees DE-FOA-0000096

Object Class Category
Personnel

Task # and Title	Position Title	Budget Period 1			Budget Period 2			Budget Period 3			Project Total Hr	Project Total Dollars	Rate Basis
		Time (Hours)	Pay Rate ($/Hr)	Total Budget Period 1	Time (Hours)	Pay Rate ($/Hr)	Total Budget Period 2	Time (Hours)	Pay Rate ($/Hr)	Total Budget Period 3			

REDACTED
EXEMPTION 4

Object Class Category
Fringe

	Budget Period 1	Budget Period 2	Budget Period 3	Total
Rate Applied:				
Total fringe requested:	$		REDACTED EXEMPTION 4	

X	**A fringe benefit rate has been negotiated with, or approved by, a federal government agency. A copy of the latest rate (When this option is selected, a presentation of the budget that demonstrates the appliction of the approved rate, to**
	There is not a current, federally approved rate agreement negotiated and available. *(When this option is checked, the entity preparing this form shall submit a rate proposal in the format provided at the following*

Object Class Category
Travel

Purpose of Travel	No. of Travelers	Depart From	Destination	No. of Days	Hotel & Per Diem Pe	Air Cost Per Trav	Cost Per Trip
Budget Period 1							
Domestic Travel							

REDACTED
EXEMPTION 4

Total Travel

Object Class Category
Equipment

Equipment Item	Qty	Unit Cost	Total Cost	Basis of Cost	Justification of Need
Budget Period 1					
Budget Period 1 Total					
Budget Period 2 Total					

REDACTED
EXEMPTION 4

Total					

REDACTED

FOIA EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

Applicant Name: BlueFire Ethanol Fuels, Inc. Award Number: DE-EE0002877

Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

Section A - Budget Summary

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. 81.087				$889,600		
2.					REDACTED EXEMPTION 4	
3.						
4.						
5. Totals		$0		$889,600		

Section B - Budget Categories

6. Object Class Categories	Grant Program, Function or Activity (1) Period 1	(2) Period 2	(3)	(4)	Total (5)
a. Personnel					
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					
j. Indirect Charges					
k. **Totals** (sum of 6i-6j)					
7. Program Income					

REDACTED EXEMPTION 4

Section C - Non-Federal Resources

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) **Totals**
8. DE-FOA-0000096				
9.				
10.		REDACTED EXEMPTION 4		
11.				
12. **Total** (sum of lines 8 - 11)				

Section D - Forecasted Cash Needs

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th quarter
13. Federal	$62,540		$890		$61,650
14. Non-Federal			REDACTED EXEMPTION 4		
15. **Total** (sum of lines 13 and 14)					

Section E - Budget Estimates of Federal Funds Needed for Balance of the Project

	Future Funding Periods (Years)			
(a) Grant Program	(b) First	(c) Second	(d) Third	(e) Fourth
16. DE-FOA-0000096				
17.		REDACTED EXEMPTION 4		
18.				
19.				
20. **Total** (sum of lines 16-19)				

Section F - Other Budget Information

21. Direct Charges	22. Indirect Charges

23. Remarks

REDACTED EXEMPTION 4

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PMC 123.1
(04/06)

U.S. DEPARTMENT OF ENERGY
PROJECT MANAGEMENT CENTER

COST REASONABLENESS DETERMINATION FOR FINANCIAL ASSISTANCE

Applicant:	BlueFire Ethanol, Inc.	Award/Application Number:	**DE-FOA-0000096**
Project Title:	Solazyme Integrated Biorefinery (SzIBR): Diesel fuels from heterotrophic algae		
Date of Submission:	3/2/2010		

INFORMATION REQUESTED ON THIS FORM MAY BE PROVIDED IN THE RECIPIENT'S FORMAT OR INCLUDED ON THIS FORM.

THE TOTAL BUDGET MUST INCLUDE TOTAL PROJECT COSTS [DOE REQUESTED FUNDS PLUS APPLICANT AND THIRD PARTY PARTICIPANT (TEAM MEMBER(S)) COST SHARE AMOUNT]. The purpose of this form is to explain cost reasonableness for, and justify project costs identified on Form SF424A, including Federal (DOE), Non-Federal (Applicant), and all cost share amounts, such as third party cost share. Applicants should complete a PMC 123.1 Form or equivalent and include details of all SF424A budget items that will be expended and recorded through their budget office or be directly attributed to their organization through in-kind services. In addition, each sub-participant with costs over the dollar threshold identified in the Contractual section (1.f.) of this form, shall fill out a PMC 123.1 Form or equivalent that includes details of all SF424A budget items that will be expended and recorded through their budget offices or be directly attributed to their organization through in-kind services.

SUMMARY OF BUDGET CATEGORY COSTS PROPOSED

CATEGORY	CATEGORY COSTS (ALL YEARS)	% of Total Project Costs	PMC 123.1 SECTION	THRESHHOLD FOR REQUIRED COST DETAIL	COST DETAIL PROVIDED? (CHECK BOX OR MARK "N/A")
Personnel				*ALL VALUES*	
Fringe Benefits				*ALL VALUES*	
Travel				Travel costs ≥15% of the total project costs, *or* $25K, whichever is greater	
Equipment				*ALL VALUES* For acquisition costs > $50K, also provide vendor quote/catalog price list	
Supplies	REDACTED EXEMPTION 4			Supplies ≥20% of the total project costs, *or* $25K, whichever is greater	
Contractual				Individual subawards with total project costs, incl. cost share, of $100,000, *or* ≥50% of the total project costs, incl. cost share, whichever is less.	REDACTED EXEMPTION 4
				Federal Research and Development Centers (FFRDCs) - *ALL VALUES*	
Construction				N/A (see Section 1.g.)	
Other Direct Costs				Other Direct Costs ≥20% of the total project costs, *or* $25K, whichever is greater	
Indirect Charges				*ALL VALUES*	
Total Project Costs					

Applicants are not required to submit cost detail for items below the thresholds established; however, each category below should, at a minimum, capture total costs requested.

1. BUDGET INFORMATION

LIST ONLY THE APPLICANT'S PORTION OF COSTS IN ALL SECTIONS EXCEPT FOR SECTION 1.f. (Contractual), WHICH SHOULD INCLUDE ALL COSTS FROM OTHER PARTICIPANTS.

a. PERSONNEL - List costs solely for employees of the Applicant. All other Participant (third party) personnel costs must be included under Contractual (Section 1.f. below, and on Form SF424A, Section B, line 6.f. Contractual).

Identify positions to be supported, under the proposed award. Key personnel should be identified by title. All other personnel should be identified either by title or a group category. State the amounts of time (e.g., hours or % of time) to be expended, the composite base pay rate, total direct personnel compensation and identify the rate basis (e.g., actual salary, labor distribution report, technical estimate, state civil service rates, etc.).

Title/Group	Time	x Pay Rate	=Total Comp	Rate Basis	Description
[redacted]					

REDACTED
EXEMPTION 4

TOTAL PERSONNEL COSTS:

To add more rows, highlight one or more rows, click on "Copy", place the cursor under the last row, then click on "Paste".

b. FRINGE BENEFITS – RATE APPLIED: 15.11% TOTAL FRINGE REQUESTED: $82,832.00
A Federal Fringe Benefit Rate Agreement or proposal is required if reimbursement for Fringe Benefits is requested. Please check one of the boxes below and provide the requested information. Calculate the Fringe Rate and enter the total amount in Section B, Line 6b ("Fringe Benefits") of Form SF-424A.

☐ If a fringe benefit rate has been negotiated with, or approved by, a Federal Government agency, provide a copy of the latest rate agreement.

■ If you do not have a current approved rate agreement, submit a proposal with your application based on a budget (new entities), or based on the total fiscal year fringe benefit account expenses (e.g. payroll taxes, insurances, holiday & vacation pay, bonuses) and their associated costs. Identify the total labor cost base used for allocating these fringe benefit expenses. A Sample Rate Proposal is available at https://www.eere-pmc.energy.gov/forms.asp.

c. TRAVEL – If the total Travel Cost is **equal to or greater than 15% of the total project costs, or $25,000, whichever is greater,** please provide detail as follows, identifying total Foreign and Domestic Travel as separate

items.

1. Are travel costs governed by organizational travel policies? ☐ Yes ■ No

2. For all travel, provide information in the tables below. Purpose of travel are items such as professional conferences, DOE sponsored meetings, project mgmt, etc. The Basis for Estimating Cost are items such as past trips, current quotations, Federal Travel Regulations, etc.

(i.) Domestic Travel Costs:

Purpose of travel	No. of Travelers	Basis for estimating costs	Cost per Trip
		REDACTED EXEMPTION 4	

TOTAL DOMESTIC TRAVEL COSTS:

(ii.) Foreign Travel Costs:

Purpose of travel	No. of Travelers	Destination	Basis for estimating costs	No. of Days	Cost per Trip
TOTAL FOREIGN TRAVEL COSTS:					

d. EQUIPMENT - 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 of the 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 Objectives. **For equipment costs greater than $50,000, also include a copy of the associated vendor quote or catalog price list.**

Equipment Item	Qty	Unit Cost	Total Cost	Basis of Cost	Justification of need

REDACTED
EXEMPTION 4

TOTAL EQUIPMENT COSTS: $234,280

e. **SUPPLIES** - Generally defined is an item with an acquisition cost of $5,000 or less and a useful life expectancy of less 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

If the total supply costs are **greater than 20% of the total project costs, or $25,000, whichever is greater,** please provide the detail below, identifying the basis of cost, such as vendor quotes, catalog prices, prior invoices, etc.

REDACTED
EXEMPTION 4

TOTAL SUPPLY COSTS:

f. **CONTRACTUAL** – 10 CFR 600, Sections 144 and 331, sets forth standards for use by recipients in establishing procedures for the procurement of supplies and other expendable property, equipment, and other services with Federal funds.

1. Unless otherwise notified by DOE, **Participants (individual subawards), other than DOE Federally Funded Research and Development Centers (FFRDCs), with total project costs, including cost share, greater than or equal to $100,000, or greater than or equal to 50% of the total project costs, including cost share (whichever is less),** must provide (i) a Statement of Work (if not previously set forth in the Applicant's application), (ii) a Form SF424A - Budget Information-Non-Construction Program, and (iii) PMC 123.1 or equivalent. Proposed Participants (individual subawards) with total estimated costs beneath the threshold cited above do not submit aforementioned cost detail.

   For DOE FFRDC Participants being proposed in an Application, provide written authorization from the cognizant contracting officer regarding the use of a DOE FFRDC contractor on the proposed project. The following wording is acceptable for this authorization.

   > "Authorization is granted for the _____ Laboratory to participate in the proposed project. The work proposed for the laboratory is consistent with or complimentary to the missions of the laboratory, will not adversely impact execution of the DOE assigned programs at the laboratory, and will not place the laboratory in direct competition with the domestic private sector."

   If the project is selected for award, provide a Field Work Proposal, 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.

2. Applicant is to maintain a Cost/Price analysis on **all** Participants that justifies the allowability and

reasonableness of total costs as determined by the applicable Federal Cost Principles.

3. For support for which a Participant has not been identified, provide a scope of work and a basis of the cost estimate.

List all Participant costs, including their cost share, in the applicable box below. Go to the following website for further information: http://www.access.gpo.gov/nara/cfr/waisidx_00/10cfr600_00.html.

Subrecipients: List all participants, including FFRDCs, providing research and development services used in furthering the project, and indicate the purpose of each organization's participation and the total estimated costs for each. [NOTE: Subrecipients are not entitled to fee.]

Name/Organization	Purpose	Total Estimated Costs
TOTAL PARTICIPANT COSTS:		

Vendors: List all vendors supplying commercial supplies or services used to support the project.

Name/Organization	Supply or Service Provided	Total Estimated Costs
B&P Process	Leased Paste Extruder & Parts	$
Eimco	Repair Filter Press x 2	$
TOTAL VENDOR COSTS: $ Costs under Construction Details		

g. CONSTRUCTION - Construction, for the purpose of budgeting, is defined as all types of work done on a particular building, including erecting, altering, or remodeling. ***If real property construction is contemplated under this project, special instructions will be provided.***

Ta	General Description			Cost	Basis of Cost	Justification of Need
	Budget Period 1					
	Purchase/Lease	Delivery	Installation			
	Budget Period 1 Total			$0		
	Budget Period 2					

REDACTED
EXEMPTION 4

h. **OTHER DIRECT COSTS** - Other direct costs are items of cost required for the specific project (such as meeting costs, postage, couriers or express mail, telephone/fax costs, printing costs, etc.), that cannot be properly included in the above categories.

Provide the information below for other direct costs that **are greater than or equal to 20% of the total project costs or $25,000, whichever is greater.** Basis of cost are items such as vendor quotes, prior purchases of similar or like items, published price list, etc.

General description	Cost	Basis of cost	Justification of need
	REDACTED		
TOTAL OTHER DIRECT COSTS:	EXEMPTION 4		

i. **INDIRECT COSTS** – RATE APPLIED: TOTAL INDIRECT COSTS REQUESTED:

A Federal Indirect Rate Agreement or proposal is required if reimbursement for indirect costs is requested. Please check one of the boxes below and provide the requested information. Calculate the Indirect Rate(s) and enter the total amount in Section B, line 6j ("Indirect Charges") of Form SF-424A.

☐ If indirect rates have been negotiated with, or approved by, a Federal Government agency, please provide a copy of the latest rate agreement.

■ If you do not have a current approved rate agreement, submit an indirect cost rate proposal with your application that identifies each base used to develop the indirect rate and indirect pool expense accounts by line item and dollar amount. These should be based on total fiscal year costs or budget (new entities). Explain each base used and the amount applied to develop each indirect rate per pool and identify the rate developed. "Overhead Pool" or "General & Administrative Pool" are common indirect pools. A sample rate proposal is available at https://www.eere-pmc.energy.gov/forms.asp. Indirect rate and Fringes are under current use by Bluefire Ethanol under DOE 932, have been audited, but no formal document has been issued.

2. ADDITIONAL INFORMATION

COST SHARE

A detailed estimate of the cash or in-kind cash value (basis of and nature, i.e., equipment, labor, facilities, cash, etc.) of all contributions/cost share of the project by each participant must be provided. Identify the source & amount of cost sharing proposed by the Applicant and each Participant and the total amount of cost share as a percent of the total cost of the project. Note that "cost-sharing" is not limited to cash investment. In-kind contributions (e.g., contribution of services or property; donated equipment, buildings or land; donated supplies; or unrecovered indirect costs) incurred as part of the project may be considered as all or part of the cost share. The "cost-sharing" definition is contained in 10 CFR 600.30, 600.101, 600.123, 600.224, 600.302, 600.313 and OMB Circular A-110. Funds from other Federal sources cannot be counted as Recipient cost share. Non-Federal sources include private, state or local Government, or any sources that were not originally derived from Federal funds.

Organization/Source	Item	Amount	Type (cash, in-kind, etc.)
		REDACTED	
		EXEMPTION 4	
TOTAL COST SHARE:			

Total Project Cost: _____ Cost Share Amount: _____ Cost Share Percent of Total Award: _____

1. For each cost share contribution identified as an ***in-kind*** contribution, identify the items and describe how the value of the in-kind contribution was derived.

2. NOTE: You are reminded that firm funding commitments are expected and documentation of those commitments must be included in the application. Additionally, the impact of DOE's cost share to the viability of the project must be addressed, to include justification of the need for Federal Funds. See Funding Opportunity Announcement for details.

GENERAL NOTE: Fee or profit will not be paid to the recipients of financial assistance awards or Subrecipients. 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 600.312 or 10 CFR 600.318.

Applicant Name: Cherokee Pharmaceuticals LLC (sub-recipient) Award Number: DE-EE0002877

Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

Section A - Budget Summary

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Demonstration of Integrated Biorefinery Operations	81.087			$5,098,998		
2.				REDACTED EXEMPTION 4		
3.						
4.						
5. Totals		$0		$5,098,998		

Section B - Budget Categories

6. Object Class Categories	Grant Program, Function or Activity (1) Period 1	(2) Period 2	(3)	(4)	Total (5)
a. Personnel					
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					
j. Indirect Charges					
k. **Totals** (sum of 6i-6j)					
7. Program Income					

REDACTED EXEMPTION 4

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Section C - Non-Federal Resources

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) **Totals**

8. Demonstration of Integrated Biorefinery Operations					
9.					
10.			REDACTED EXEMPTION 4		
11.					
12. **Total** (sum of lines 8 - 11)					

Section D - Forecasted Cash Needs					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th quarter
13. Federal	$343,335		$3,645	$0	$339,690
14. Non-Federal			REDACTED EXEMPTION 4		
15. **Total** (sum of lines 13 and 14)					

ction E - Budget Estimates of Federal Funds Needed for Balance of the Project				
	Future Funding Periods (Years)			
(a) Grant Program	(b) First	(c) Second	(d) Third	(e) Fourth
16. Demonstration of Integrated Biorefinery Operations				
17.				
18.		REDACTED EXEMPTION 4		
19.				
20. **Total** (sum of lines 16-19)				

Section F - Other Budget Information	
21. Direct Charges	22. Indirect Charges

23. Remarks

OMB Approval No. 0348-0044

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assist. Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Demonstration of Integrated Biorefinery Operations	81.087	$	$	$ $594,000	$	
2.						
3.				REDACTED EXEMPTION 4		
4.						
5. TOTALS				$594,000	$	

SECTION B - BUDGET CATEGORIES

6. OBJECT CLASS CATEGORIES	GRANT PROGRAM, FUNCTION OR ACTIVITY Period 1 (1)	Period 2 (2)	(3)	(4)	Total (5)
a. Personnel	$	$	$	$	
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies			REDACTED EXEMPTION 4		
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					
j. Indirect Charges					
k. TOTALS (sum of 6i and 6j)					
7. PROGRAM INCOME					

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SECTION C - NON FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other sources	(e) TOTALS
8. Demonstration of Integrated Biorefinery Operations			REDACTED EXEMPTION 4	
9.				
10.				

11.					
12. **TOTALS** (sum of lines 8 and 11)					

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. deral			REDACTED EXEMPTION 4		
14. NonFederal					
15. **TOTAL** (sum of lines 13 and 14)					

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

	FUTURE FUNDING PERIODS (YEARS)			
(a) Grant Program	**(b) First**	**(c)Second**	**(d) Third**	**(e) Fourth**
16. Demonstration of Integrated Biorefinery Operations	$	$	$	
17.		REDACTED EXEMPTION 4		
18.				
19.				
20. **TOTALS** (sum of lines 16 - 19)				

SECTION F - OTHER BUDGET INFORMATION

21. ect Charges:	22. **Indirect Charges**
23. **Remarks**	REDACTED EXEMPTION 4

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OMB Approval No. 0348-0044

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assist. Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Demonstration of Integrated Biorefinery Operations	81.087	$	$	$ $291,115	$	
2.						
3.			REDACTED EXEMPTION 4			
4.						
5. TOTALS				$291,115	$	

SECTION B - BUDGET CATEGORIES

6. OBJECT CLASS CATEGORIES	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	Period 1 (1)	Period 2 (2)	(3)	(4)	(5)
a. Personnel	$	$		$	
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual			REDACTED EXEMPTION 4		
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					
j. Indirect Charges					
k. TOTALS (sum of 6i and 6j)					
7. PROGRAM INCOME					

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Prescribed by OMB Circular A-102

SECTION C - NON FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other sources	(e) TOTALS
8.				
9.		REDACTED EXEMPTION 4		
10.				

11.					
12. **TOTALS** (sum of lines 8 and 11)					

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. deral			REDACTED EXEMPTION 4		
14. NonFederal					
15. **TOTAL** (sum of lines 13 and 14)					

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

	FUTURE FUNDING PERIODS (YEARS)			
(a) Grant Program	**(b) First**	**(c)Second**	**(d) Third**	**(e) Fourth**
16. Demonstration of Integrated Biorefinery Operations	$	$	$	
17.				
18.		REDACTED EXEMPTION 4		
19.				
20. **TOTALS** (sum of lines 16 - 19)				

SECTION F - OTHER BUDGET INFORMATION

21 ect Charges:	22. **Indirect Charges**
23. **Remarks**	REDACTED EXEMPTION 4

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PMC123.1 - Budget Justification for SF 424A Budget

Instructions and Summary

Award Number: DE-FOA-0000096
Award Recipient: Solazyme

Date of Submission: 8/9/2011
Form submitted by: Solazyme
(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 SF424A 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						
b. Fringe Benefits						
c. Travel						
d. Equipment						
e. Supplies						
f. Contractual						
Sub-recipient						
FFRDC						
Vendor						
Total Contractual						
g. Construction						
h. Other Direct Costs						
i. Indirect Charges						
Total Project Costs	$					
Cost Share						
Cost Share as % of Total						

REDACTED
EXEMPTION 4

Additional Explanations/Comments (as necessary)

DOE Share	$969,689	$20,752,502	$31,314	$21,753,505

a. Personnel

PLEASE READ!!!

List costs solely for employees of the entity completing this form (award recipient or sub-recipient). All other personnel costs (of subrecipients or other contractual efforts of the entity preparing this) must be included under f., Contractual. This includes all consultants and FFRDCs.

Identify positions to be supported. Key personnel should be identified by title. All other personnel should be identified either by title or a group category. State the amounts of time (e.g., hours or % of time) to be expended, the composite base pay rate, total direct personnel compensation and identify the rate basis (e.g., actual salary, labor distribution report, technical estimate, state civil service rates, etc.).

Add rows as needed. Formulas/calculations will need to be entered by the preparer of this form. Please enter formulas as shown in the example.

Task # and Title	Position Title	Budget Period 1			Budget Period 2			Budget Period 3			Project Total Hours	Project Total Dollars	Rate Basis
		Time (Hours)	Pay Rate ($/Hr)	Total Budget Period 1	Time (Hours)	Pay Rate ($/Hr)	Total Budget Period 2	Time (Hours)	Pay Rate ($/Hr)	Total Budget Period 3			
1. Generation 2A Receiver Design		10000											
EXAMPLE													
ONLY!!!													

REDACTED
EXEMPTION 4

Task # and Title	Position Title	Budget Period 1			Budget Period 2			Budget Period 3			Project Total Hours	Project Total Dollars	Rate Basis
		Time (Hours)	Pay Rate ($/Hr)	Total Budget Period 1	Time (Hours)	Pay Rate ($/Hr)	Total Budget Period 2	Time (Hours)	Pay Rate ($/Hr)	Total Budget Period 3			
	Total Personnel Costs												

REDACTED
EXEMPTION 4

Additional Explanations/Comments (as necessary)

b. Fringe Benefits

	Budget Period 1	Budget Period 2	Budget Period 3	Total
Rate applied:				
Total fringe requested:				

REDACTED
EXEMPTION 4

A federally approved fringe benefit rate agreement, or a proposed rate supported and agreed upon by DOE for estimating purposes is required if reimbursement for fringe benefits is requested. Please check (X) one of the options below and provide the requested information, if it has not already been provided to the Contracting Officer, OR if it has changed since it was. Calculate the fringe rate and enter the total amount in Section B, line 6.b. ("Fringe Benefits") of form SF-424A.

____ **A fringe benefit rate has been negotiated with, or approved by, a federal government agency. A copy of the latest rate agreement is included with this application, and will be provided electronically to the Contracting Officer for this project.**
(When this option is selected, a presentation of the budget that demonstrates the appliction of the approved rate, to arrive at the proposed fringes benefits dollars should also be provided.)

X **There is not a current, federally approved rate agreement negotiated and available.**
(When this option is checked, the entity preparing this form shall submit a rate proposal in the format provided at the following website, or a format that provides the same level of information and which will support the rates being proposed for use in performance of the proposed project. Go to https://www.eere-pmc.energy.gov/forms.aspx and select PMC 400.2 Sample Rate Proposal.)

Additional explanation/comments (as necessary)

REDACTED
EXEMPTION 4

c. Travel

PLEASE READ!!!

Provide travel detail as requested below, identifying total Foreign and Domestic Travel as separate items. Purpose of travel are items such as professional conference, DOE sponsored meeting, project management meeting, etc. The Basis for Estimating Costs are items such as past trips, current quotations, Federal Travel Regulations, etc.

All listed travel must be necessary for performance of the Statement of Projecct Objectives.

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

Purpose of travel	No. of Travelers	Depart From (not required for domestic travel)	Destination (not required for domestic travel)	No. of Days	Cost per Traveler	Cost per Trip	Basis for Estimating Costs
Budget Period 1							
Domestic Travel							
EXAMPLE ONLY!!! Visit to PV cell mfr. to set up vendor agreement							
			REDACTED EXEMPTION 4				
Domestic Travel subtotal							
International Travel							
International Travel subtotal							
Budget Period 1 Total							
Budget Period 2							
Domestic Travel							
			REDACTED EXEMPTION 4				

Purpose of travel	No. of Travelers	Depart From (not required for domestic travel)	Destination (not required for domestic travel)	No. of Days	Cost per Traveler	Cost per Trip	Basis for Estimating Costs
Domestic Travel subtotal							
International Travel							
International Travel subtotal							
Budget Period 2 Total							
Budget Period 3							
Domestic Travel							
Domestic Travel subtotal							
International Travel							
International Travel subtotal							
Budget Period 3 Total							
PROJECT TOTAL							

REDACTED EXEMPTION 4

REDACTED EXEMPTION 4

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					
				REDACTED EXEMPTION 4	
Budget Period 1 Total					
Budget Period 2					
				REDACTED EXEMPTION 4	
Budget Period 2 Total					
Budget Period 3					
				REDACTED EXEMPTION 4	

Equipment Item	Qty	Unit Cost	Total Cost	Basis of Cost	Justification of need
				REDACTED	
				EXEMPTION 4	
Budget Period 3 Total					
PROJECT TOTAL					

Additional Explanations/Comments (as necessary)

REDACTED
EXEMPTION 4

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					
				REDACTED EXEMPTION 4	
Budget Period 1 Total					
Budget Period 2					
				REDACTED EXEMPTION 4	
Budget Period 2 Total					
Budget Period 3					

General Category of Supplies	Qty	Unit Cost	Total Cost	Basis of Cost	Justification of need
				REDACTED EXEMPTION 4	
Budget Period 3 Total					
PROJECT TOTAL					

Additional Explanations/Comments (as necessary)

Sucrose price and transportation costs based on supplier quotes.

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-recipeint 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.					
	REDACTED EXEMPTION 4				

Sub-Recipient Name/Organization	Purpose/Tasks in SOPO	Budget Period 1 Costs	Budget Period 2 Costs	Budget Period 3 Costs	Project Total
	Sub-total				

Vendor Name/Organization	Product or Service, Purpose/Need and Basis of Cost (Provide additional support at bottom of page as needed)	Budget Period 1 Costs	Budget Period 2 Costs	Budget Period 3 Costs	Project Total
EXAMPLE ONLY!!! ABC Corp.					

REDACTED
EXEMPTION 4

FFRDC Name/Organization	Purpose	Budget Period 1 Costs	Budget Period 2 Costs	Budget Period 3 Costs	Project Total

REDACTED
EXEMPTION 4

Total Contractual					

AdditionalExplanations/Comments (as necessary)

REDACTED
EXEMPTION 4

g. Construction

PLEASE READ!!!

Construction, for the purpose of budgeting, is defined as all types of work done on a particular building, including erecting, altering, or remodeling. Construction conducted by the award recipient is entered on this page. Any construction work that is performed by a vendor or subrecipient to the award recipient should be entered under f. Contractual.

List all proposed construction below, providing a basis of cost such as engineering estimates, prior construction, etc., and briefly justify its need as it applies to the Statement of Project Objectives.

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

Overall description of construction actiivities:

Example Only!!! - Build wind turbine platform

General Description	Cost	Basis of Cost	Justification of need
Budget Period 1			
Three days of excavation for platform site EXAMPLE ONLY!!!			
		REDACTED EXEMPTION 4	
Budget Period 1 Total	**$0**		
Budget Period 2			

REDACTED
EXEMPTION 4

General Description	Cost	Basis of Cost	Justification of need
		REDACTED EXEMPTION 4	
Budget Period 2 Total			
Budget Period 3			
		REDACTED EXEMPTION 4	
Budget Period 3 Total			
PROJECT TOTAL			

Additional Explanations/Comments (as necessary)

g. Construction

h. Other Direct Costs

PLEASE READ!!!

Other direct costs are direct cost items required for the project which do not fit clearly into other categories, and are not included in the indirect pool for which the indirect rate is being applied to this project. Examples are meeting costs, postage, couriers or express mail, telephone/fax costs, printing costs, etc.

Basis of cost are items such as vendor quotes, prior purchases of similar or like items, published price list, etc.

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

General description	Cost	Basis of Cost	Justification of need
Budget Period 1			
EXAMPLE ONLY!!! Grad student tuition			
		REDACTED EXEMPTION 4	
Budget Period 1 Total			
Budget Period 2			
		REDACTED EXEMPTION 4	
Budget Period 2 Total			
Budget Period 3			
		REDACTED EXEMPTION 4	
Budget Period 3 Total			
PROJECT TOTAL			

Additional Explanations/Comments (as necessary)

i. Indirect Costs

	Budget Period 1	Budget Period 2	Budget Period 3	Total
Rate applied:	REDACTED EXEMPTION 4			
Total indirect costs requested:				

A federally approved indirect rate agreement, or rate proposed supported and agreed upon by DOE for estimating purposes is required if reimbursement of fringe benfits is requested. Please check (X) one of the options below and provide the requested information if it has not already been provided as requested, or has changed. Calculate the indirect rate dollars and enter the total in the Section B., line 6.j. (Indirect Charges) of form SF 424A.

____ **There is a federally approved indirect rate agreement. A copy is provided with this application and will be provided electronically to the Contracting Officer for this project.**
(When this option is selected, a presentation of the budget that demonstrates the application of the approved rate, to arrive at the proposed indirect charges proposed should also be provided.)

X **There is no current, federally-approved indirect rate agreement.**
(When this option is checked, the entity preparing this form shall submit an indirect cost rate proposal in the format provided at the following website, or in a format that provides the same level of information and which supports the rate(s) being proposed for use in estimating the project. Go to https://www.eere-pmc.energy.gov/forms.aspx and select PMC 400.2 Sample Rate Proposal.)

Additional Explanations/Comments (as necessary)

REDACTED
EXEMPTION 4

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 committment 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!!!						
		REDACTED EXEMPTION 4				
		Totals				

Total Project Cost. **Cost Share Percent of Award:**

Additional Explanations/Comments (as necessary)

Applicant Name: Solazyme, Inc. Award Number: DE-EE0002877. 001 Attachment 4

Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

Section A - Budget Summary

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Budget Period 1	81.087			$969,689		
2. Budget Period 2	81.087		REDACTED EXEMPTION 4	TBD		
3.						
4.						
5. Totals		$0		$969,689		

Section B - Budget Categories

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) Budget Period 1	(2) Budget Period 2	(3)	(4)	
a. Personnel					
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					
j. Indirect Charges					
k. **Totals** (sum of 6i-6j)					
7. Program Income					

REDACTED EXEMPTION 4

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SF-424A (Rev. 4-92)
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Applicant Name: Solazyme Award Number: DE-FOA-0000096

Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

Section A - Budget Summary

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Demonstration of Integrated Biorefinery Operations	81.087			$21,753,505		
2.						
3.						
4.						
5. Totals		$0		$21,753,505		

REDACTED
EXEMPTION 4

Section B - Budget Categories

6. Object Class Categories	Grant Program, Function or Activity (1) Period 1	(2) Period 2	(3) Period 3	(4)	Total (5)
a. Personnel					
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					
j. Indirect Charges					
k. **Totals** (sum of 6i-6j)					
7. Program Income					

REDACTED
EXEMPTION 4

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Section C - Non-Federal Resources

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) **Totals**
8. Demonstration of Integrated Biorefinery Operations				
9.				
10.				
11.				
12. **Total** (sum of lines 8 - 11)				

REDACTED
EXEMPTION 4

Section D - Forecasted Cash Needs

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th quarter

13. Federal	$3,351,049	$219,988	$529,708	$219,994	$2,381,360
14. Non-Federal			REDACTED EXEMPTION 4		
15. **Total** (sum of lines 13 and 14)					

Section E - Budget Estimates of Federal Funds Needed for Balance of the Project					
		Future Funding Periods (Years)			
(a) Grant Program		(b) First	(c) Second	(d) Third	(e) Fourth
16. Demonstration of Integrated Biorefinery Operations					
17.					
18.			REDACTED EXEMPTION 4		
19.					
20. **Total** (sum of lines 16-19)					

Section F - Other Budget Information	
21. Direct Charges	22. Indirect Charges
23. Remarks	REDACTED EXEMPTION 4

SF-424A (Rev. 4-92)

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Instructions for the SF-424A

Public Reporting Burden for this collection of information is estimated to average 3.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Please do not return your completed form to the Office of Management and Budget; send it to the address provided by the sponsoring agency.

General Instructions

This form is designed so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which requires Federal authorization in annual or other funding period increments. In the later case, Sections A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown by the object class categories shown in Lines a-k of Section B.

Section A. Budget Summary Lines 1-4 Columns (a) and (b)

For applications pertaining to a **single** Federal grant program (Federal Domestic Assistance Catalog number) and **not requiring** a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a **single** program **requiring** budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in **Column** (a) and the respective catalog number on each line in Column (b).

For applications pertaining to **multiple** programs where one or more programs **require** a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does

For continuing grant program applications, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For supplemental grants and changes to existing grants, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

Line 5—Show the totals for all columns used.

Section B. Budget Categories

In the column headings (a) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1-4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

Lines 6a-i—Show the totals of Lines 6a to 6h in each column.

Line 6j—Show the amount of indirect cost.

not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

Lines 1-4, Columns (c) through (g)

For new applications, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

Line 6k—Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total amount shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.

Line 7—Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program narrative statement the nature and source of income. The estimated amount of program income may be considered by the federal grantor agency in determining the total amount of the grant.

Section C. Non-Federal Resources

Lines 8-11—Enter amounts of non-Federal resources that will be used on the grant. If in-kind contributions are included, provide a brief explanation on a separate sheet.

Column (a)—Enter the program titles identical to Column (a), Section A. A breakdown by function or activity is not necessary.

Column (b)—Enter the contribution to be made by the applicant.

Column (c)—Enter the amount of the State's cash and in-kind contribution if the applicant is not a State or State agency. Applicants which are a State or State agencies should leave this column blank.

Column (d)—Enter the amount of cash and in-kind contributions to be made from all other sources.

Column (e)—Enter totals of Columns (b), (c), and (d).

Line 12—Enter the total for each of Columns (b)-(e). The amount in Column (e) should be equal to the amount on Line 5, Column (f) Section A.

Section D. Forecasted Cash Needs

Line 13—Enter the amount of cash needed by quarter from the grantor agency during the first year.

Line 14—Enter the amount of cash from all other sources needed by quarter during the first year.

Line 15—Enter the totals of amounts on Lines 13 and 14.

Section E. Budget Estimates of Federal Funds Needed for Balance of the Project

Lines 16-19—Enter in Column (a) the same grant program titles shown in Column
(a), Section A. A breakdown by function or activity is not necessary. For new applications and continuation grant applications, enter in the proper columns amounts of Federal funds which will be needed to complete the program or project over the succeeding funding periods (usually in years). This section need not be completed for revisions (amendments, changes, or supplements) to funds for the current year of existing grants.
If more than four lines are needed to list the program titles, submit additional schedules as necessary.

Line 20—Enter the total for each of the Columns (b)-(e). When additional schedules are prepared for this Section, annotate accordingly and show the overall totals on this line.

Section F. Other Budget Information

Line 21—Use this space to explain amounts for individual direct object-class cost categories that may appear to be out of the ordinary or to explain the details as required by the Federal grantor agency.

Line 22—Enter the type of indirect rate (provisional, predetermined, final or fixed) that will be in effect during the funding period, the estimated amount of the base to which the rate is applied, and the total indirect expense.

Line 23—Provide any other explanations or comments deemed necessary.

EERE Renewable Energy Programs

- Recipient-

CX Determination

A9 - Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.

A11 - Technical advice and planning assistance to international, national, state, and local organizations.

Rationale for Determination:
This NEPA determination applies to all administrative actions for EERE projects such as: information gathering (surveys, inventories, audits); data analysis (including computer monitoring); document preparation (preliminary design, feasibility studies, analytical energy supply and demand studies); information dissemination (mailings, publication, distribution, training, conferences, and informational programs) and non-laboratory research. All administrative actions for EERE projects are categorically excluded under A9 and A11.

DOE has made a conditional NEPA determination for this award, and hereby funds certain tasks that qualify for categorical exclusions A9 and A11. The remainder of the project funding remains conditioned upon the Department's final NEPA determination.

Insert the following language in the award:

You are prohibited from using this award for any actions outside those listed in CX A11 and CX A9, including but are not limited to:
Any activities identified as prohibited by the DOE Contracting Officer, Project Officer, or the NEPA Compliance Officer; Final Design; Site Characterization; and Environmental Monitoring.

This restriction does not preclude you from using the award for activities that come within the scope of A11 and A9, including but not limited to:
Administrative activities such as: information gathering (surveys, inventories, audits); data analysis (including computer monitoring); document preparation (preliminary design, feasibility studies, analytical energy supply and demand studies); information dissemination (mailings, publication, distribution, training, conferences, and informational programs) and non-laboratory research.

However, you are required to:

Itemize those administrative actions you are drawing down funds against to your DOE project officer in writing prior to drawing down the funds.
Note that this CX determination is not an indicator of the amount or nature of NEPA review that DOE must complete prior to releasing the NEPA condition for activities other than administrative ones.

Note to Specialist:

TKWGN	DATE	TIME	CARRIER	Company	Product Shipped	QUANTITY LBS	COST/LB	TOTAL COST	Purchase Order	INVOICE	DATE	STATUS
1	20-Oct-09	9:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004240	IN9-5603	8-Nov-09	Invoiced Batch #14
2	20-Oct-09	11:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004240	IN9-5603	8-Nov-09	Invoiced Batch #16
3	20-Oct-09	1:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004269	IN9-5603	8-Nov-09	Invoiced Batch #16
4	20-Oct-09	3:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004269	IN9-5603	8-Nov-09	Invoiced Batch #16
1	12-Nov-09	9:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004428	IN9-8014	2-Dec-09	Invoice Batch #17
2	12-Nov-09	11:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004428	IN9-8014	2-Dec-09	Invoice Batch #17
3	12-Nov-09	1:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				900428	IN9-8014	2-Dec-09	Invoice Batch #17
4	12-Nov-09	3:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				900428	IN9-8014	2-Dec-09	Invoice Batch #17
Total												
1	24-Nov-09	9:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004574	IN9-8167	8-Dec-09	Invoice Batch #18
2	24-Nov-09	11:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004574	IN9-8167	8-Dec-09	Invoice Batch #18
3	24-Nov-09	1:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004575	IN9-8168	8-Dec-09	Invoice Batch #18
4	24-Nov-09	3:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004575	IN9-8168	8-Dec-09	Invoice Batch #18
Total												
1	2-Dec-09	9:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004600	IN9-8321	8-Dec-09	Invoice Batch #19
2	2-Dec-09	11:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004600	IN9-8321	8-Dec-09	Invoice Batch #19
3	2-Dec-09	1:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004601	IN9-8322	8-Dec-09	Invoice Batch #19
4	2-Dec-09	3:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004601	IN9-8322	8-Dec-09	Invoice Batch #19
Total												
1	11-Dec-09	9:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004693	IN9-8416	15-Dec-09	Invoice Batch #20
2	11-Dec-09	11:00 AM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004693	IN9-8416	15-Dec-09	Invoice Batch #20
3	14-Dec-09	1:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004694	IN9-8431	15-Dec-09	Invoice Batch #20
4	14-Dec-09	3:00 PM	Rudy Trucking	Solazyme	1 Tank Wagon -				9004694	IN9-8431	15-Dec-09	Invoice Batch #20
Total												

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FOIA EXEMPTION 4

Change in Solazyme cost share proposal

From: Gypsy Achong [gachong@solazyme.com]
Sent: Wednesday, January 06, 2010 11:29 AM
To: Sterner, Christy
Subject: Change in Solazyme cost share proposal
Attachments: 100106_Solazyme_DOE budget cover letter.pdf; 100104_Solazyme_Justification for SF 424A Budget -PMC123.1.XLS; 100104_Solazyme_Budget_Information_Non-Construction_Programs_SF424A.xls; AttachmentB_090602_ ttachment C - Cherokee Pharmaceuticals- Solazyme Invoice 10295 100105_Solazyme_Application for Federal Assistance SF424.pdf

Dear Christy,

I hope all is well. As a follow-up to the DOE's request, we are pleased to confirm that Solazyme can fully satisfy the 20 percent cost share requirement. Attached are several supporting documents, including Solazyme's amended budget and a cover letter describing the changes to our budget to achieve the 20 percent cost share. Also included is an updated version of SF424 requested in our acceptance letter dated December 4, 2009.

Please let me know if you have any questions. We look forward to continuing to work with you to finalize the contract award as expeditiously as possible.

Best wishes,

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EXEMPTION 4

Gypsy

Attachments:

- Cover letter (100106 Solazyme DOE budget cover letter.pdf)
- Attachment A - Revised budget (100104_Solazyme_Budget_Information_Non-Construction_Programs_SF424A.xls, 100104_Solazyme_Justification for SF 424A Budget -PMC123.1.xls)
- Attachment B -
- Attachment C - Cherokee Pharmaceuticals- Solazyme Invoice 10295
- Application for Federal Assistance, SF 424 (100105_Solazyme Application for Federal Assistance SF424.pdf)

Gypsy Achong

Email: gachong@solazyme.com

Phone: 650 780 4777 x5273

Solazyme, Inc.

561 Eccles Avenue

South San Francisco, CA 94080

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Solazyme's indirect rate is calculated based on the PMC 400.2 Sample Indirect Rate Proposal – Two Rate Method (Fringe and Indirect Rate).

Fringe rate justification:

____ **A fringe benefit rate has been negotiated with, or approved by, a federal government agency. A copy of the latest rate agreement is included with this application, and will be provided electronically to the Contracting Officer for this project.**
(When this option is selected, a presentation of the budget that demonstrates the appliction of the approved rate, to arrive at the proposed fringes benefits dollars should also be provided.)

__X__ **There is not a current, federally approved rate agreement negotiated and available.**
(When this option is checked, the entity preparing this form shall submit a rate proposal in the format provided at the following website, or a format that provides the same level of information and which will support the rates being proposed for use in performance of the proposed project. Go to https://www.eere-pmc.energy.gov/forms.aspx and select PMC 400.2 Sample Rate Proposal.)

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Indirect rate justification:

____ **There is a federally approved indirect rate agreement. A copy is provided with this application and will be provided electronically to the Contracting Officer for this project.**
(When this option is selected, a presentation of the budget that demonstrates the application of the approved rate, to arrive at the proposed indirect charges proposed should also be provided.)

__X__ **There is no current, federally-approved indirect rate agreement.**
(When this option is checked, the entity preparing this form shall submit an indirect cost rate proposal in the format provided at the following website, or in a format that provides the same level of information and which supports the rate(s) being proposed for use in estimating the project. Go to https://www.eere-pmc.energy.gov/forms.aspx and select PMC 400.2 Sample Rate Proposal.)

The Indirect pool includes all expenses and activities that are not directly assigned to a single activity or project that are required for the successful execution of these projects.

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