wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees, and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The Contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this Contract.

(6) Contracts and Subcontracts. The Recipient, Subrecipient, the Recipient's, and Subrecipient's contractors and subcontractor shall insert in any Contracts the clauses contained herein in(a)(1) through (10) and such other clauses as the Department of Energy may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The Recipient shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of the paragraphs in this clause.

(7) Contract termination: debarment. A breach of the Contract clauses in 29 CFR 5.5 may be grounds for termination of the Contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this Contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this Contract shall not be subject to the general disputes clause of this Contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Recipient, Subrecipient, the Contractor (or any of its subcontractors), and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this Contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this Contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

(b) Contract Work Hours and Safety Standards Act. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No Contractor or subcontractor contracting for any part of the Contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section, the Contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The Department of Energy or the Recipient or Subrecipient shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or subcontractor under any such contract or any other Federal contract with the same prime Contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) Contracts and Subcontracts. The Recipient, Subrecipient, and Recipient's and Subrecipient's contractor or subcontractor shall insert in any Contracts, the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The Recipient shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

(5) The Contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the Contract for all laborers and mechanics, including guards and watchmen, working on the Contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. The records to be maintained under this paragraph shall be made available by the Contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the Department of Energy and the Department of Labor, and the Contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

(c) Recipient Responsibilities for Davis Bacon Act

(1) On behalf of the Department of Energy (DOE), Recipient shall perform the following functions:

(i) Obtain, maintain, and monitor all Davis Bacon Act (DBA) certified payroll records submitted by the Subrecipients and Contractors at any tier under this Award;

(ii) Review all DBA certified payroll records for compliance with DBA requirements, including applicable DOL wage determinations;

(iii) Notify DOE of any non-compliance with DBA requirements by Subrecipients or Contractors at any tier, including any non-compliances identified as the result of reviews performed pursuant to paragraph (ii) above;

(iv) Address any Subrecipient and any Contractor DBA non-compliance issues; if DBA non-compliance issues cannot be resolved in a timely manner, forward complaints, summary of investigations and all relevant information to DOE;

(v) Provide DOE with detailed information regarding the resolution of any DBA non-compliance issues;

(vi) Perform services in support of DOE investigations of complaints filed regarding noncompliance by Subrecipients and Contractors with DBA requirements;

(vii) Perform audit services as necessary to ensure compliance by Subrecipients and Contractors with DBA requirements and as requested by the Contracting Officer; and

(viii) Provide copies of all records upon request by DOE or DOL in a timely manner.

(d) Rates of Wages

The minimum wages to be paid laborers and mechanics under this award involved in performance of work at the project site, as determined by the Secretary of Labor to be prevailing for the corresponding classes of laborers and mechanics employed on projects of a character similar to the contract work in the pertinent locality, are found at http://www.wdol.gov/, by clicking on "Selecting DBA WDs". The Wage Determination Number(s) and General Decision Number(s) specific to this award are found below. These wage rates are minimum rates and are not intended to represent the actual wage rates that the Contractor may have to pay.

CONSTRUCTION TYPE	WAGE DETERMINATION NUMBER	GENERAL DECISION NUMBER
Building	PA8; CA29; TX121; IA131	PA080008 02/19/2010 PA8; CA080029 02/19/2010 CA29; TX080121 02/26/2010 TX121; IA080131 02/12/2010 IA131

PMC 128.1
08-2010

U.S. Department of Energy
Project Management Center

FINANCIAL ASSISTANCE AWARD
INDEX and CHECKLIST
(BUYER USE ONLY)

Award #:	**DE-EE0002877 / 004**	**Program:**	The Office of the Biomass Program
Recipient Name:	**Soiazyme, inc.**		
FOA #:	**DE-FOA-0000096**		
Specialist:	**Molly Hames**	**Phone:**	303-275-4864
Contracting Officer:	**Melissa Wise**	**Phone:**	303-275-4907
Project Officer:	**Christy Sterner**	**Phone:**	303-275-4720

Item	*Indicate Completion of Action Item by inserting a date in the applicable box below*	
1	Verify Recipient's Registration and Delinquent Federal Debt Status with the Central Contractor Registration (CCR) (http://www.ccr.gov)	CCR Registration Valid through: 01/25/2012
2	Verify Recipient's registration with FedConnect (goto P:\STRIPES\Fedconnect Reports)	Registration Confirmed on: 02/03/2011
3	Vendor Supplier/Site Information Form; send completed PMC 128.8a to 'GO ASAP Enrollment' mailbox	Sent on: N/A

STRIPES Index #	Supporting Document		Form #	applicable	not applicable	Supporting Document Naming Convention	pdf required
AWD-001	Award index and Checklist		PMC 128.1	X		**AWD-001 AWDChecklist**	
	AWD-001a	Vendor Supplier/Site Information Form	PMC 128.8a		X		
	AWD-001b	CCR Registration	n/a	X			
AWD-002	Selection Statement		n/a		X	**AWD-002 SelStat**	.pdf
AWD-003	Determination of Non-Competitive Financial Assistance (DNFA) Documentation (include Request for Review PMC.112.2)		PMC 109.x		X	**AWD-003 DNFADocs**	batch .pdf
AWD-004	HCA Approval (Total Project Value greater than $25M and less than $50M) (include Request for Review PMC.112.2)		n/a		X	**AWD-004 HCAApvl**	.pdf
AWD-005	HQ Business Clearance Documentation (Total Project Value greater than or equal to $50M)						
	AWD-005a	HQ Business Clearance Worksheet	PMC 107.1		X	**AWD-005 HQBusClrDocs**	batch .pdf
	AWD-005b	HQ Business Clearance Transmittal Letter(s)	PMC 107.2		X		
	AWD-005c	HQ Business Clearance; Correspondence received from HQ	n/a		X		
AWD-006	Congressional Affairs Notification		DOE F 4220.10		X	**AWD-006CongNotification**	
AWD-007	Successful Application Documentation (Prime)						
	AWD-007a	Application for Federal Assistance (Final SF-424 & Project Narrative)	SF-424		X	**AWD-007a AppDocs (PRIME)**	batch .pdf
		SF-424 (A or R&R) Budget Information	SF-424 (A or R&R)	X			
		Budget Justification	PMC 123.1	X			
		Disclosure of Lobbying Activities	SF-LLL		X		
		Cost Share Commitment Ltrs from Third Parties	n/a		X		
		Vendor Quotes and Supporting Docs	n/a	X			

PMC 128.1
08-2010

U.S. Department of Energy
Project Management Center

FINANCIAL ASSISTANCE AWARD
INDEX and CHECKLIST
(BUYER USE ONLY)

Award #:	**DE-EE0002877 / 004**	**Program:**	The Office of the Biomass Program
Recipient Name:	**Solazyme, inc.**		
FOA #:	**DE-FOA-0000096**		
Specialist:	**Molly Hames**	**Phone:**	303-275-4864
Contracting Officer:	**Melissa Wise**	**Phone:**	303-275-4907
Project Officer:	**Christy Sterner**	**Phone:**	303-275-4720

Item	*Indicate Completion of Action Item by inserting a date in the applicable box below*	
1	Verify Recipient's Registration and Delinquent Federal Debt Status with the Central Contractor Registration (CCR) (http://www.ccr.gov)	CCR Registration Valid through: 01/25/2012
2	Verify Recipient's registration with FedConnect (goto P:\STRIPES\Fedconnect Reports)	Registration Confirmed on: 02/03/2011
3	Vendor Supplier/Site Information Form; send completed PMC 128.8a to 'GO ASAP Enrollment' mailbox	Sent on: N/A

STRIPES Index #	Supporting Document		Form #	applicable	not applicable	Supporting Document Naming Convention	pdf required
AWD-001	Award Index and Checklist		PMC 128.1	X		AWD-001 AWDChecklist	
	AWD-001a	Vendor Supplier/Site Information Form	PMC 128.8a		X		
	AWD-001b	CCR Registration	n/a	X			
AWD-002	Selection Statement		n/a		X	AWD-002 SelStat	.pdf
AWD-003	Determination of Non-Competitive Financial Assistance (DNFA) Documentation (include Request for Review PMC 112.2)		PMC 109.x		X	AWD-003 DNFADocs	batch .pdf
AWD-004	HCA Approval (Total Project Value greater than $25M and less than $50M) (include Request for Review PMC 112.2)		n/a		X	AWD-004 HCAApvl	.pdf
AWD-005	HQ Business Clearance Documentation (Total Project Value greater than or equal to $50M)						
	AWD-005a	HQ Business Clearance Worksheet	PMC 107.1		X	AWD-005 HQBusClrDocs	batch .pdf
	AWD-005b	HQ Business Clearance Transmittal Letter(s)	PMC 107.2		X		
	AWD-005c	HQ Business Clearance; Correspondence received from HQ	n/a		X		
AWD-006	Congressional Affairs Notification		DOE F 4220.10		X	AWD-006CongNotification	.pdf
AWD-007	Successful Application Documentation (Prime)						
	AWD-007a	Application for Federal Assistance (Final SF-424 & Project Narrative)	SF-424		X	AWD-007a AppDocs (PRIME)	batch .pdf
		SF-424 (A or R&R) Budget Information	SF-424 (A or R&R)	X			
		Budget Justification	PMC 123.1	X			
		Disclosure of Lobbying Activities	SF-LLL		X		
		Cost Share Commitment Ltrs from Third Parties	n/a		X		
		Vendor Quotes and Supporting Docs	n/a	X			

STRIPES Index #	Supporting Document		Form #	applicable	not applicable	Supporting Document Naming Convention	pdf. required
AWD-008	National Environmental Policy Act (NEPA) Documentation						
	AWD-008a	NEPA Checklist	EF-1		X	AWD-008 NEPADocs	batch .pdf
	AWD-008b	NEPA Review	EF-2		X		
	AWD-008c	NEPA Determination	EF-2a		X		
AWD-009	Pre-Award Information Sheet		PMC 121.1		X	AWD-009 PreAwardInfo	.pdf
AWD-010	Dun&Bradstreet Risk Assessment		PMC 460.2		X	AWD-010 D&BAssessment	.pdf
AWD-011	Combined Technical Evaluation / Negotiation Memorandum		PMC 120.2	X		AWD-011 TechEvalNegMem	.pdf
AWD-012	Intellectual Property Law Division (IPLD) Documentation						
	AWD-012a	IPLD Petition for Advance Waiver of Patent Rights	PMC 133.2		X	AWD-012 IPLDDocs	batch .pdf
	AWD-012b	IPLD Pre-Award Review Request	PMC 133.3		X		
	AWD-012c	IPLD Recommendation	e-mail		X		
AWD-013	Cost Share Determination Documentation						
	AWD-013a	Cost Share Determination	PMC 112.2		X	AWD-013a CostShareDet	.pdf
	AWD-013b	Cost Share Waiver	PMC 142.2		X	AWD-013b CostShareWaiver	.pdf
AWD-014	Cost / Price Documentation						
	AWD-014a	Financial Information	PMC 410.1		X	AWD-014a CostPriceDocs	batch .pdf
	AWD-014b	Indirect Rate Agreement or Rate Proposal	n/a		X		
	AWD-014c	Response from C/P Analyst regarding Indirect Rates	PMC 420.3	X			
AWD-015	Excluded Parties List System (EPLS) Query (https://www.epls.gov)		n/a	X		AWD-015 EPLS	
AWD-016	Pre-Award Cost Request and Authorization		n/a		X	AWD-016 PreAwdCostAuth	.pdf
AWD-017	Justification for Use of Conditional Availability of Funds Provision		PMC 132.2		X	AWD-017 JustificationCondAvail	.pdf
AWD-018	Correspondence to Recipients (use this section for correspondence not issued at FOA level)						
	AWD-018a	NCTE Request	n/a	X		AWD-018 Correspondence	batch .pdf
AWD-019	Internal Review(s)						
	AWD-019a	Request for Review (Review of Award Package)	PMC 112.2	X		AWD-019a RvwAwdPkg	.pdf
AWD-020	Deviations						
AWD-021	Site-Change Request		n/a	X		AWD-021 SiteChangeReq	.pdf
Cover Page	Assistance Agreement Form		n/a	X			
Body	Special Terms and Conditions		n/a	X			
Attachment 1	Intellectual Property Provisions		n/a		X		
Attachment 2	Statement of Project Objectives		n/a	X			
Attachment 3	Federal Assistance Reporting Checklist and Instructions		DOE F 4600.2		X		
Attachment 4	Budget Information		n/a	X			
Attachment 5	Contingency Appendix		n/a		X		

CCR Search Results

Not to be used as certifications and representations. See ORCA for official certification.

Registration Status: Active in CCR; Registration valid until 01/25/2012.

This vendor has chosen to opt out of the CCR Public Search.

DUNS: 145862012
DUNS PLUS4:
CAGE/NCAGE: 483L8
Legal Business Name: SOLAZYME, INC.
Doing Business As (DBA):
Division Name:
Division Number:
Company URL: http://www.solazyme.com

Physical Street Address 1: 225 GATEWAY BLVD
Physical Street Address 2:
Physical City: SOUTH SAN FRANCISCO
Physical State: CA
Physical Foreign Province:
Physical Zip/Postal Code: 94080-1906
Physical Country: USA

Mailing Name: SOLAZYME INC.
Mailing Street Address 1: 225 GATEWAY BLVD
Mailing Street Address 2:
Mailing City: SOUTH SAN FRANCISCO
Mailing State: CA
Mailing Foreign Province:
Mailing Zip/Postal Code: 94080-1906
Mailing Country: USA

Business Start Date: 03/01/2003
Delinquent Federal Debt: No

CORPORATE INFORMATION

Type of Organization

Corporate Entity, Not Federal Tax Exempt
(State of Incorporation is DE)

Business Types/Grants

2X - For-Profit Organization
VW - Contracts and Grants

DISASTER RESPONSE INFORMATION

Bonding Levels

Construction Bonding Level, Per Contract (dollars):

Construction Bonding Level, Aggregate (dollars):

Service Bonding Level, Per Contract (dollars):

Service Bonding Level, Aggregate (dollars):

Geographic Areas Served

No geographic areas specified

GOODS / SERVICES

North American Industry Classification System (NAICS)

324110 - Petroleum Refineries

541711 - Research and Development in Biotechnology

Product Service Codes (PSC)

Federal Supply Classification (FSC)

SMALL BUSINESS TYPES

SDB, 8A and HubZone certifications come from the Small Business Administration and are not editable by CCR vendors.

Business Types Expiration Date

--- ---

North American Industry Classification System (NAICS)

The small business size status is derived from the receipts, number of employees, assets, barrels of oil, and/or megawatt hours entered by the vendor during the registration process.

NAICS Code	Description	Small Business	Emerging Small Business
324110	Petroleum Refineries	Yes	No
541711	Research and Development in Biotechnology	Yes	No

CCR POINTS OF CONTACT

Government Business Primary POC

Name: PETER ROCHA

Address Line 1: 225 GATEWAY BOULEVARD

Address Line 2:

City: SOUTH SAN FRANCISCO

State: CA

Foreign Province:

Zip/Postal Code: 94080

Country: USA

U.S. Phone: 650-416-5125

Non-U.S. Phone:

Government Business Alternate POC

Name: SARAH MCQUAID

Address Line 1: 225 GATEWAY BOULEVARD

Address Line 2:

City: SOUTH SAN FRANCISCO

State: CA

Foreign Province:

Zip/Postal Code: 94080

Country: USA

U.S. Phone: 650-416-5122

Non-U.S. Phone:

Fax: 650-989-6725

Fax: 650-989-6

Past Performance Primary POC

Name:
Address Line 1:
Address Line 2:
City:
State:
Foreign Province:
Zip/Postal Code:
Country:
U.S. Phone:
Non-U.S. Phone:
Fax:

Past Performance Alternate POC

Name:
Address Line 1:
Address Line 2:
City:
State:
Foreign Province:
Zip/Postal Code:
Country:
U.S. Phone:
Non-U.S. Phone:
Fax:

Electronic Business Primary POC

Name: PETER ROCHA
Address Line 1: 225 GATEWAY BOULEVARD
Address Line 2:
City: SOUTH SAN FRANCISCO
State: CA
Foreign Province:
Zip/Postal Code: 94080
Country: USA
U.S. Phone: 650-963-5125
Non-U.S. Phone:
Fax: 650-989-6725

Electronic Business Alternate POC

Name: SARAH MCQUAID
Address Line 1: 225 GATEWAY BOULEVARD
Address Line 2:
City: SOUTH SAN FRANCISCO
State: CA
Foreign Province:
Zip/Postal Code: 94080
Country: USA
U.S. Phone: 650-416-5125
Non-U.S. Phone:
Fax: 650-989-6725

Applicant Name: Solazyme 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			$21,765,738		
2.						
3.						
4.						
5. Totals		$0	$0	$21,765,738		

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

Authorized for Local Reproduction

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

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			

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
			REDACTED EXEMPTION 4				
Domestic Travel subtotal							
International Travel							
International Travel subtotal							
Budget Period 2 Total							
		Budget Period 3					
Domestic Travel							
Domestic Travel subtotal							
International Travel							
			REDACTED EXEMPTION 4				
International Travel subtotal							
Budget Period 3 Total							
PROJECT TOTAL							

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:				
Total indirect costs requested:		REDACTED EXEMPTION 4		

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)

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			TBD		
3.						
4.						
5. Totals		$0		$969,689		

REDACTED EXEMPTION 4

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)
Prescribed by OMB Circular A-102

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: Federal (c)	Estimated Unobligated Funds: Non-Federal (d)	New or Revised Budget: Federal (e)	New or Revised Budget: 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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Prescribed by OMB Circular A-102

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

(a) Grant Program	Future Funding Periods (Years) (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

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

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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.

American Recovery and Reinvestment Act of 2009, P.L. 111-5 (Recovery Act) Additional Budget Justification Information Applications shall provide information which validates that all laborers and mechanics on projects funded directly by or assisted in whole or in part by and through funding appropriated by the Recovery Act are paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by subchapter IV of Chapter 31 of title 40, United States Code (Davis-Bacon Act). For guidance on how to comply with this provision, see http://www.dol.gov/esa/whd/contracts/dbra.htm

To satisfy this requirement, please provide a written affirmation that you will comply with the Davis-Bacon Act, as identified above, along with

Affirmed by

Jonathan Wallace, CEO

Solazyme Inc.

CHEROKEE
PHARMACEUTICALS
A ROVI LIFE SCIENCES COMPANY

1835 Market Street
Suite 1100
Philadelphia, PA 19103
Manufacturing Site:
100 Avenue C
PO BOX 367
Riverside, PA 17868
p 1-215-908-8979
m 1-225-933-1515
f 1-215-569-1925
dennis.bauer@pnvt.com

July 15, 2010

Mr. Adrian Galvez
Solazyme, Inc.
225 Gateway Blvd.
South San Francisco, CA 94080

RE: Estimate - Building 202 Center Interior & Wyssmont Dryer Demolition

Dear Adrian,

This is to provide an estimate [redacted] and the Wyssmont Dryer [redacted] The details of the estimate are presented in Exhibit A.

REDACTED
EXEMPTION 4

The Building 202 Center [redacted] The project is [redacted]

REDACTED
EXEMPTION 4

Due to manpower limitations at the Riverside site, the estimate contains a blended approach whereby site labor would lead the effort and use supplemental manpower provided by an outside contractor. In addition, the estimate assumes the following:

REDACTED
EXEMPTION 4

The estimate presented above is contingent on the successful execution of a mutually agreeable business agreement and valid to the close of business on July 30, 2010. If you have any questions, please call me at 225-933-1515.

Best regards,

Dennis P. Bauer, Ph.D.
Sr. Vice President, Sales & Business Development

cc: Mkt Files, Elliot, Haney, Noll, Oreskovich

REDACTED

FOIA EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

REDACTED

FOIA EXEMPTION 4

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PMC 120.1
(12/09)

U.S. DEPARTMENT OF ENERGY
GOLDEN FIELD OFFICE

FINANCIAL ASSISTANCE COMBINED COST/TECHNICAL EVALUATION AND NEGOTIATION MEMORANDUM

SECTION I - GENERAL INFORMATION

This technical evaluation/negotiation memorandum will be prepared jointly by the assigned DOE/Golden OCPM AND OAFA personnel, to document the specific action being evaluated and supported. Each office is responsible for certain sections of this document. The assigned OCPM and OAFA personnel responsible for the action will both sign this document upon its completion, demonstrating their agreement on its contents.

1. Recipient: Solazyme, Inc.

2. Grant/Cooperative Agreement No.: DE-EE0002877 Modification No. 004
   Requisition No: 11EE001972
   Project Title: Recovery Act: Solazyme Integrated Biorefinery (SzIBR): Diesel Fuels from Heterotrophic Algae

3. Type of Action: ☐ New Award ☐ Renewal ☐ Continuation ☒ Revision

Description of this Action: (NOTE: Indicate what is addressed by this Action only):

The purpose of this action is to re-scope Budget Period 1 of the award for Solazyme, Inc. for the project entitled "Recovery Act: Solazyme Integrated Biorefinery (SzIBR): Diesel Fuels from Heterotrophic Algae." This action includes the following: approving the reallocation of scope from Budget Period 2 into Budget Period 1; lifting conditions on the funds associated with those tasks, such that the total approved budget for Budget Period 1 is now Ex 6 6,155,278 Federal funds + Ex 6 Non-Federal funds); adding six months to the end of Budget Period 1 so that the new Budget Period 1 end date is 9/30/2011; and extending the project end date to 3/31/2014. The overall project scope remains unchanged.

4. Award type, as determined at Procurement Strategy Meeting (for new awards): ☐ Grant ☒ Cooperative Agreement

If Cooperative Agreement, provide the specifics of the Substantial Involvement. (Note: This language will be used in the Substantial Involvement provision of the award.):

1. Government Insight
   In order to adequately monitor project progress and provide technical direction and/or redirection to the Recipient, DOE must be provided an adequate level of insight into various Recipient activities. Government Insight activities by DOE include attendance at Recipient meetings, reviews and tests, as well as access for DOE's consultants to perform independent evaluations of Recipient's plans and processes. Recipient shall notify the DOE Project Officer of meetings, reviews, and tests in sufficient time to permit DOE participation, and provide all appropriate documentation for DOE review.

2. Specific activities to be conducted by DOE:
   a. Risk Evaluation – DOE will review the Recipient's initial Risk Mitigation Plan (RMP) for quality and completeness. DOE will also monitor updates to the RMP and actions taken by the Recipient during the performance of its award to mitigate risks and improve the probability of successful execution of the integrated Biorefinery project. At DOE's discretion, additional independent risk analyses of the project by DOE consultants may be requested.
   b. Independent Engineering Assessments – DOE will engage a private, independent engineering (IE) firm to assist in assessing the progress of the project and provide timely and accurate reports to DOE. The Recipient will ensure that the IE has access to any and all relevant documentation sufficient to allow the IE to provide independent evaluations to DOE on the progress of the project. Such documentation includes but is not limited to the following:
      - Drawings and specifications
      - Construction and Execution plans

- Resource loaded schedules
- Design functions and requirements for the site final design review
- Risk management plans
- Value management and engineering studies and/or plans
- Acquisition strategies
- Project execution plans
- Project controls including earned value management systems
- Qualifications of the integrated project team.
- Financial strategy for funding the construction project
- Updated marketing and business plan
- Invoices submitted to DOE

DOE will evaluate the quality and completeness of information and documentation provided by the Recipient to DOE and its consultants in order to allow DOE to provide technical direction and/or redirection to the Recipient about how best to achieve the purposes of the award. Consultants to DOE may not provide technical direction and/or redirection to the Recipient.

5. New/Revised Project Period for this Award: From: 01/28/2010 To: 03/31/2014
   New/Revised Budget Period 1 for this Award: From: 01/28/2010 To: 09/30/2011
   New/Revised Budget Period 2 for this Award: From: 10/01/2011 To: 03/31/2014

6. Compliance Assessment (skip if new award):
   a. Deliverables
      The Recipient is current in submitting required reports: ☒ Yes ☐ No
      If no, identify the delinquent report(s), indicate what action(s) have been taken to remedy the situation, and identify what further action(s) are necessary, if any:

N/A

   b. Financial
      The Recipient is current in meeting the cost share requirement: ☒ Yes ☐ No
      If no, indicate what action(s) have been taken to remedy the situation and validate why this new action should proceed:

N/A

7. Check the applicable box for Funding Appropriation:
   ☒ Energy and Water ☐ Other _____

8. Check the applicable box for Statutory Authority:

   ☒ 109-58, Energy Policy Act 2005
   ☐ 110-140, Energy Independence and Security Act 2007
   ☒ 111-5, Recovery Act
   ☐ Other: _____

9. Per 10 CFR 600, the preferred payment method for State/Local Governments, Institutions of Higher Education, Hospitals, or Other Non-Profit Organizations is **Advance**. The preferred Payment Method for For-Profit organizations is **Reimbursement**. Please state the payment method that will be used for this award in the box below. If the preferred payment method is not planned for a new award, provide an explanation below. Also, explain below if the payment method for the award is being changed by this action. If the ACH or the "ASAP Approval Required" payment methods is required, include an explanation for the restriction.

The recipient is receiving ARRA funds and will continue to be on the ACH payment method to monitor their funds to ensure costs outside of Budget Period 1 are not charged to the award.

10. Is the proposed Recipient on the debarred or suspended list? Yes ☐ No ☒
    Are any of the proposed subrecipients/subcontractors on the debarred or suspended list? Yes ☐ No ☒
    Is the Project Director on the debarred or suspended list? Yes ☐ No ☒
    If yes for either response above, award cannot be made without obtaining a waiver. See attached waiver.
    The review was conducted on the Internet on 02/03/2011 (Include Printout in permanent STRIPES file)

11. A risk determination has been completed on the PMC Form 460.2 Yes ☐ N/A ☒

12. Negotiation:

	Government Negotiator(s)		Recipient Negotiator(s)	
	Name	Organization	Name	Position
1.	Molly Hames	DOE – G&A Specialist	Sarah McQuaid	Project Manager
2.	Christy Sterner	DOE – Project Officer	David Brinkmann	Business Officer
3.	Chris Lindeman	CNJV – Project Engineer		

SECTION II – NEGOTIATION SUMMARY

1. Please record any significant application or budget submissions that resulted in a revised budget in the Negotiation History Table below (including SF424A, budget justifications, e-mails, etc.):

Application/Budget Submission	Reference Document (s)	Date of Submission	Summary of Change
Original		6/15/2010	Current approved documents
Revision 1	SF 424A; PMC 123.1; SOPO	11/5/2010	Updated documents to reflect moving
Revision 2	SF 424A; PMC 123.1; SOPO	12/21/2010	REDACTED EXEMPTION 4
Revision 3	SF 424A; PMC 123.1	1/11/2010	

2. Complete Budget Table below (only include the original budget and final negotiated costs – the Percent of Total Negotiated Budget will calculate automatically)
Note: List proposed amounts by category even if there are no differences in the dollar amount.

Element of Cost	Current Approved BP1 Budget Submission	Final Negotiated Costs (BP1 Revision)	Variance	Percent of Total Negotiated Budget	Fringe Benefits and Indirects	
					Proposed Rate	Negotiated Rate
Personnel						
Fringe Benefits						
Travel						
Equipment						
Supplies						
Contractual						
Construction						
Other						
Total Direct Charges						
Indirect Charges						
TOTAL						
Program Income						
DOE Share (non-FFRDC)						
DOE Share (FFRDC)						
Total DOE Share						
Non-Federal Cost Share						

REDACTED EXEMPTION 4

SEE ATTACHED SF 424A FOR BUDGET PERIOD BREAKDOWN

3. Total Allowable Adjustment without Concurrence from the Selection Official per the Selection Statement:
Actual Total Adjustment based on Budget Table Above - Total Budget has not changed

Is the original budget the same as the negotiated budget: ☐ Yes ☒ No
If No, please check all boxes that apply:
☒ Change in the Project Scope: REDACTED EXEMPTION 4

☐ Changes due to Time Delays
☐ Math Errors in Budget
☐ Changes in Indirect/Fringe Costs Caused Changes in Direct Costs or Total Project Costs
☐ Indirect/Fringe Rates incorrectly applied
☐ Other (explain)

4. Briefly describe and explain any substantial change(s) to the original Statement of Project Objectives submitted by the recipient:

REDACTED EXEMPTION 4

SECTION III – TECHNICAL EVALUATION SUMMARY

A. For each cost category, the Project Officer and the Specialist will complete his/her Technical Evaluation of the Negotiated Costs to confirm that they are all reasonable, allowable, and allocable. Additional comments should be added as necessary and as indicated below.

1. Personnel:

Total Negotiated Personnel Costs: | Not Applicable, the recipient did not propose Personnel costs: ☐

Project Officer:
The labor hours proposed in the negotiated budget are reasonable for the scope of work: ☒
The types of labor and labor mix proposed in the negotiated budget is reasonable: ☒
The proposed labor rates are reasonable: ☒

The additional personnel budget included in this revision is

Relative to this revision, the rates and hours for all other personnel in BP1 have not changed. The rates proposed are reasonable and are based on actual salaries. Based on the scope of work proposed in the revision and Solazyme's management and engineering oversight roles, the positions and corresponding hours proposed are appropriate and reasonable.

Specialist:
Please fill out the following table with the negotiated costs:

Labor Type	Original Budget Period 1			Final Budget Period 1		
	Hours	Rate	Total	Hours	Rate	Total
Corporate Counsel						
Director Business Development						
Project Engineer						
Project Manager						
Project Manager						
Sr. Dir. Program Management & Logistics						
SVP Manufacturing & Process Development						
VP Manufacturing						
Total:						

REDACTED EXEMPTION 4

Negotiated labor rates are reasonable: ☒

Please detail the basis for the reasonable determination: The additional cost Ex 4 is reasonable and necessary for the scope of work. The other personnel rates and hours were previously justified, reviewed and approved.

2. Fringe Benefits:

Total Negotiated Fringe Benefit Costs: Ex 4	Not Applicable, the recipient did not propose Fringe Benefit costs: ☐

Specialist:
Does the Recipient have an approved rate agreement: ☒ Yes ☐ No
If Yes, List the Date of Rate Agreement: April 2, 2010
Cite Federal Cognizant Agency: Defense Logistics Agency (DLA)

Personnel	Total Cost	Fringe Rate	Cost
Total Personnel			

The fringe benefit costs in the negotiated budget were appropriately applied and are reasonable: ☒

REDACTED
EXEMPTION 4

3. Travel:

Total Negotiated Travel Costs: REDACTED EXEMPTION 4	Not Applicable, the recipient did not propose Travel costs: ☐

Project Officer:
The number and type of trips proposed in the negotiated budget are reasonable for the scope of work: ☒
The costs per trip proposed in the negotiated budget are reasonable: ☒
Is foreign travel included in the negotiated budget: ☐ Yes ☒ No

The travel budget was evaluated and found to be reasonable in the previous revision. No changes to the travel budget are included in the current revision.

☒ Specialist concurs.

4. Equipment:

Total Negotiated Equipment Costs: REDACTED EXEMPTION 4	Not Applicable, the recipient did not propose Equipment costs: ☐

Project Officer:
The types of equipment proposed in the negotiated budget is/are reasonable for the scope of work: ☒
The cost of equipment proposed in the negotiated budget are reasonable: ☒

Is there any proposed equipment with a total cost exceedir ☒ Yes ☐ No

Equipment	Total Cost	Purpose of Equipment	Basis of Cost
Total:			

REDACTED
EXEMPTION 4

REDACTED
EXEMPTION 4

☒ Specialist concurs.

5. Supplies:

Total Negotiated Supplies Costs: REDACTED EXEMPTION 4	Not Applicable, the recipient did not propose Supplies costs: ☒
Project Officer: No supply costs were proposed for Budget Period 1.	
☒ Specialist concurs.	

6. Contractual:

Total Negotiated Contractual Costs. REDACTED EXEMPTION 4	Not Applicable, the recipient did not propose Contractual costs: ☐
Project Officer: The subrecipients proposed in the negotiated budget are appropriate for the scope of work: ☒ The contractual costs proposed in the negotiated budget are reasonable: ☒ Yes Please fill out the following table with the negotiated costs: (table only shows costs which are new or revised since previous revision)	

Vendor Name	BP 1 Cost	Role in Project (Identify SOPO Tasks)

REDACTED
EXEMPTION 4

REDACTED
EXEMPTION 4

☒ Specialist concurs.

7. Construction:

Total Negotiated Construction Costs: REDACTED EXEMPTION 4	Not Applicable, the recipient did not propose Construction costs: ☒
Project Officer No construction costs were proposed for Budget Period 1.	
☒ Specialist concurs.	

8. Other Direct Costs:

Total Negotiated Other Direct Costs: REDACTED EXEMPTION 4	Not Applicable, the recipient did not propose Other Direct costs: ☒
Project Officer: No other direct costs were proposed for Budget Period 1.	
☒ Specialist concurs.	

9. Indirect Charges:

Total Negotiated Indirect Costs: REDACTED EXEMPTION 4	Not Applicable, the recipient did not propose Indirect Costs: ☐

Specialist:
Does the Recipient have an approved rate agreement: ☒ Yes ☐ No
If Yes, List the Date of Rate Agreement: April 2, 2010
Cite Federal Cognizant Agency: Defense Logistics Agency (DLA)

Please fill out the following tables with the negotiated costs:

	Base Item	Rate	BP1 Original	BP1 Final	BP2 Proposed	BP1 Original Indirect	BP1 Final Indirect	BP2 Indirect
DOE Proposed								
DLA Agreement	Total Direct Costs							

REDACTED
EXEMPTION 4

10. Cost Share:

Project Officer:
Project is a: ☒ Research ☒ Development ☐ Demonstration ☐ Other: Pilot Plant
The minimum recipient's cost share required for this award is.
The recipient proposed cost share for this award is: REDACTED EXEMPTION 4
Does the proposed cost share meet the minimum requirement: ☒ Yes ☐ No

Specialist:
Is the proposed cost share: ☒ Cash ☐ In-kind

Organization	Type of Cost Share	Cost Share Amount
		REDACTED EXEMPTION 4

Third Party cost share commitment letters have been obtained: ☐
Solazyme's cost share commitment changed due to the change in the budget with this modification.

B. The following Project Officer and Specialist evaluation and negotiation commentary and recommendations address their agreement on all additional considerations for this award.

1. Please list any other special provisions agreed upon for inclusion in this award and describe the rationale for their inclusion below.

Changes to the Terms and Conditions with this modification include: 1) Update the "Award Project Period and Budget Periods" provision; 2) Update the "Cost Sharing" provision; 3) Update the "Rebudgeting and Recovery of Indirects" provision to accommodate new cap; 4) Update the "Funding of Budget Periods" provision; 5) Add "Reporting Subawards and Executive Compensation" provision; 6) Add "Central Contractor Registration and Universal Identifier Requirements" provision; and 7) Update the "NEPA" provision to the new T's & C's format.

2. If a negotiation strategy, or strategies, is/are specified in the selection statement, provide a discussion below of how this was addressed and resolved.

N/A

3. Any other comments or concerns of the Project Officer and/or Specialist for this award, and the recommended approach to mitigating them, will be explained and addressed below.

N/A

4. Is this a Recovery Act award? ☒ Yes ☐ No
   - If Yes, does the Buy American Act apply (see applicability below)? ☒ Yes ☐ No
   - If Yes, does Davis Bacon Act apply (see applicability below)? ☒ Yes ☐ No

If the answer to either the Buy American Act or Davis Bacon Act questions is Yes, provide a short discussion below on: 1) the type of entity; 2) what applies; Davis Bacon, Buy American, or both; 3) whether it applies to the prime, subrecipient, or both; and 4) work to be performed that requires applicability of Buy American and/or Davis Bacon.

No work is being done at a public work or other public facility which would require the purchase of US-made steel, per the Buy American Act. However, Solazyme, their subrecipients, contractors, vendors, and other entities involved in this project intend, to the extent possible, to honor the intent of Congress and purchase US-made materials/equipment.

Solazyme, their subrecipients, contractors, vendors, and other entities involved in this project will comply with Davis Bacon Act requirements where those requirements are applicable for this project. The Davis Bacon Act will apply to BP1 and BP2.

SECTION IV – RECOMMENDATIONS/APPROVAL

Signatures of the Project Officer and Specialist, indicating their recommendations, as indicated below, will occur after their mutual agreement on the contents of this document, and before the review and approval process for the action. The signatures below indicate that the costs in the negotiated budget are reasonable, allowable, and allocable.

1. Technical Recommendation

The project costs are acceptable and should be considered for a financial assistance award. The resources have been reviewed relative to the Statement of Project Objectives and are found to be reasonable, except as previously noted herein.

_____ _____
Signature Date

Christy Sterner
Project Officer

2. Specialist Recommendation

In view of the above analysis, the technical evaluation, and considering all known factors, this Award is recommended.

_____ _____
Signature Date

Molly Hames
Grants and Agreements Specialist

3. Contracting Officer Approval

☒ I concur with the above recommendation and have determined that the Recipient is responsible. I consider this Award to be in the best interest of the Government, and approve the award documents.

☐ In view of the analysis, the technical evaluation, and considering all known factors, I have determined that the Recipient is responsible. This Award is considered to be in the best interest of the Government and approved.

_____ _____
Signature Date

Melissa Y. Wise
Contracting Officer

PMC 120 1
(12/09)

U.S. DEPARTMENT OF ENERGY
GOLDEN FIELD OFFICE

FINANCIAL ASSISTANCE COMBINED COST/TECHNICAL EVALUATION AND NEGOTIATION MEMORANDUM

SECTION I - GENERAL INFORMATION

This technical evaluation/negotiation memorandum will be prepared jointly by the assigned DOE/Golden OCPM AND OAFA personnel, to document the specific action being evaluated and supported. Each office is responsible for certain sections of this document. The assigned OCPM and OAFA personnel responsible for the action will both sign this document upon its completion, demonstrating their agreement on its contents.

1. Recipient: Solazyme, Inc.

2. Grant/Cooperative Agreement No.: DE-EE0002877 Modification No. 004
   Requisition No: 11EE001972
   Project Title: Recovery Act: Solazyme Integrated Biorefinery (SzIBR): Diesel Fuels from Heterotrophic Algae

3. Type of Action: ☐ New Award ☐ Renewal ☐ Continuation ☒ Revision

Description of this Action: (NOTE: Indicate what is addressed by this Action only):

The purpose of this action is to re-scope Budget Period 1 of the award for Solazyme, Inc. for the project entitled "Recovery Act: Solazyme Integrated Biorefinery (SzIBR): Diesel Fuels from Heterotrophic Algae." This action includes the following: approving the reallocation of scope from Budget Period 2 into Budget Period 1; lifting conditions on the funds associated with those tasks, such that the total approved budget for Budget Period 1 is now $7,363,464 Federal funds + Ex 4 Non-Federal funds); moving REDACTED activities (scope and budget) adding six months to the end of Budget Period 1 so that the new Budget Period 1 end date is 9/30/2011; extending the project end date to 3/31/2014; changing the Project contact from Matthew Frome to Sarah McQuaid; officially changing the address; and including Program Income terminology. The overall project scope remains unchanged.

Please note the Solazyme's address: 225 Gateway Blvd; South San Francisco, CA 94080. The Project contact is Sarah L. McQuaid, 650-416-5122.

4. Award type, as determined at Procurement Strategy Meeting (for new awards): ☐ Grant ☒ Cooperative Agreement

If Cooperative Agreement, provide the specifics of the Substantial Involvement. (Note: This language will be used in the Substantial Involvement provision of the award.):

1. Government Insight
   In order to adequately monitor project progress and provide technical direction and/or redirection to the Recipient, DOE must be provided an adequate level of insight into various Recipient activities. Government Insight activities by DOE include attendance at Recipient meetings, reviews and tests, as well as access for DOE's consultants to perform independent evaluations of Recipient's plans and processes. Recipient shall notify the DOE Project Officer of meetings, reviews, and tests in sufficient time to permit DOE participation, and provide all appropriate documentation for DOE review.

2. Specific activities to be conducted by DOE:
   a. Risk Evaluation – DOE will review the Recipient's initial Risk Mitigation Plan (RMP) for quality and completeness. DOE will also monitor updates to the RMP and actions taken by the Recipient during the performance of its award to mitigate risks and improve the probability of successful execution of the integrated Biorefinery project. At DOE's discretion, additional independent risk analyses of the project by DOE consultants may be requested.
   b. Independent Engineering Assessments – DOE will engage a private, independent engineering (IE) firm to assist in assessing the progress of the project and provide timely and accurate reports to DOE. The Recipient will ensure that the IE has access to any and all relevant documentation sufficient to allow the IE

to provide independent evaluations to DOE on the progress of the project. Such documentation includes but is not limited to the following:

- Drawings and specifications
- Construction and Execution plans
- Resource loaded schedules
- Design functions and requirements for the site final design review
- Risk management plans
- Value management and engineering studies and/or plans
- Acquisition strategies
- Project execution plans
- Project controls including earned value management systems
- Qualifications of the integrated project team.
- Financial strategy for funding the construction project
- Updated marketing and business plan
- Invoices submitted to DOE

DOE will evaluate the quality and completeness of information and documentation provided by the Recipient to DOE and its consultants in order to allow DOE to provide technical direction and/or redirection to the Recipient about how best to achieve the purposes of the award. Consultants to DOE may not provide technical direction and/or redirection to the Recipient.

5. New/Revised Project Period for this Award: From: 01/28/2010 To: 03/31/2014
   New/Revised Budget Period 1 for this Award: From: 01/28/2010 To: 09/30/2011
   New/Revised Budget Period 2 for this Award: From: 10/01/2011 To: 03/31/2014

6. Compliance Assessment (skip if new award):
   a. Deliverables
   The Recipient is current in submitting required reports: ☒ Yes ☐ No
   If no, identify the delinquent report(s), indicate what action(s) have been taken to remedy the situation, and identify what further action(s) are necessary, if any:

N/A

   b. Financial
   The Recipient is current in meeting the cost share requirement: ☒ Yes ☐ No
   If no, indicate what action(s) have been taken to remedy the situation and validate why this new action should proceed:

N/A

7. Check the applicable box for Funding Appropriation:
   ☒ Energy and Water ☐ Other _____

8. Check the applicable box for Statutory Authority:

   ☒ 109-58, Energy Policy Act 2005
   ☐ 110-140, Energy Independence and Security Act 2007
   ☒ 111-5, Recovery Act
   ☐ Other: _____

9. Per 10 CFR 600, the preferred payment method for State/Local Governments, Institutions of Higher Education, Hospitals, or Other Non-Profit Organizations is **Advance**. The preferred Payment Method for For-Profit organizations is **Reimbursement**. Please state the payment method that will be used for this award in the box below. If the preferred payment method is not planned for a new award, provide an explanation below. Also, explain below if the payment method for the award is being changed by this action. If the ACH or the "ASAP Approval Required" payment methods is required, include an explanation for the restriction.

The recipient is receiving ARRA funds and will continue to be on the ACH payment method to monitor their funds to ensure costs outside of Budget Period 1 are not charged to the award.

10. Is the proposed Recipient on the debarred or suspended list? Yes ☐ No ☒
    Are any of the proposed subrecipients/subcontractors on the debarred or suspended list? Yes ☐ No ☒
    Is the Project Director on the debarred or suspended list? Yes ☐ No ☒
    If yes for either response above, award cannot be made without obtaining a waiver. See attached waiver.
    The review was conducted on the Internet on 02/03/2011 (Include Printout in permanent STRIPES file)

11. A risk determination has been completed on the PMC Form 460.2 Yes ☐ N/A ☒

12. Negotiation:

	Government Negotiator(s)		Recipient Negotiator(s)	
	Name	Organization	Name	Position
1.	Molly Hames	DOE – G&A Specialist	Sarah McQuaid	Project Manager
2.	Christy Sterner	DOE – Project Officer	David Brinkmann	Business Officer
3.	Chris Lindeman	CNJV – Project Engineer		

SECTION II – NEGOTIATION SUMMARY

1. Please record any significant application or budget submissions that resulted in a revised budget in the Negotiation History Table below (including SF424A, budget justifications, e-mails, etc.):

Application/Budget Submission	Reference Document (s)	Date of Submission	Summary of Change
Original		6/15/2010	Current approved documents
Revision 1	SF 424A; PMC 123.1; SOPO	11/5/2010	Updated documents to reflect moving
Revision 2	SF 424A; PMC 123.1; SOPO	12/21/2010	
Revision 3	SF 424A; PMC 123.1	1/11/2010	
Revision 4	SF 424A; PMC 123.1; SOPO	2/14/2011	

REDACTED
EXEMPTION 4

2. Complete Budget Table below (only include the original budget and final negotiated costs – the Percent of Total Negotiated Budget will calculate automatically)
Note: List proposed amounts by category even if there are no differences in the dollar amount.

Element of Cost	Current Approved BP1 Budget Submission	Final Negotiated Costs (BP1 Revision)	Variance	Percent of Total Negotiated Budget	Fringe Benefits and Indirects	
					Proposed Rate	Negotiated Rate
Personnel						
Fringe Benefits						
Travel						
Equipment						
Supplies						
Contractual						
Construction						
Other						
Total Direct Charges						
Indirect Charges						
TOTAL						
Program Income						
DOE Share (non-FFRDC)						
DOE Share (FFRDC)						
Total DOE Share						
Non-Federal Cost Share						

REDACTED
EXEMPTION 4

SEE ATTACHED SF 424A FOR BUDGET PERIOD BREAKDOWN

3. Total Allowable Adjustment without Concurrence from the Selection Official per the Selection Statement:
Actual Total Adjustment based on Budget Table Above: - Total Budget has not changed -

Is the original budget the same as the negotiated budget: ☐ Yes ☒ No
If No, please check all boxes that apply:
☒ Change in the Project Scope

REDACTED
EXEMPTION 4

☐ Changes due to Time Delays
☐ Math Errors in Budget
☐ Changes in Indirect/Fringe Costs Caused Changes in Direct Costs or Total Project Costs
☐ Indirect/Fringe Rates incorrectly applied
☐ Other (explain)

4. Briefly describe and explain any substantial change(s) to the original Statement of Project Objectives submitted by the recipient:

REDACTED
EXEMPTION 4

SECTION III – TECHNICAL EVALUATION SUMMARY

A. For each cost category, the Project Officer and the Specialist will complete his/her Technical Evaluation of the Negotiated Costs to confirm that they are all reasonable, allowable, and allocable. Additional comments should be added as necessary and as indicated below.

1. Personnel:

Total Negotiated Personnel Costs: | Not Applicable, the recipient did not propose Personnel costs: ☐

Project Officer:

The labor hours proposed in the negotiated budget are reasonable for the scope of work: ☒

The types of labor and labor mix proposed in the negotiated budget is reasonable: ☒

The proposed labor rates are reasonable: ☒

The additional personnel budget included in this revision is REDACTED EXEMPTION 4

Relative to this revision, the rates and hours for all other personnel in BP1 have not changed. The rates proposed are reasonable and are based on actual salaries. Based on the scope of work proposed in the revision and Solazyme's management and engineering oversight roles, the positions and corresponding hours proposed are appropriate and reasonable.

Specialist:

Please fill out the following table with the negotiated costs:

Labor Type	Original Budget Period 1			Final Budget Period 1		
	Hours	Rate	Total	Hours	Rate	Total
Corporate Counsel						
Director Business Development						
Project Engineer						
Project Manager						
Project Manager						
Sr. Dir. Program Management & Logistics						
SVP Manufacturing & Process Development						
VP Manufacturing						
Total:						

REDACTED
EXEMPTION 4

Negotiated labor rates are reasonable: ☒

Please detail the basis for the reasonable determination: The additional cost of the is reasonable and necessary for the scope of work. The other personnel rates and hours were previously justified, reviewed and approved.

2. Fringe Benefits:

Total Negotiated Fringe Benefit Costs: REDACTED EXEMPTION 4	Not Applicable, the recipient did not propose Fringe Benefit costs: ☐

Specialist:
Does the Recipient have an approved rate agreement: ☒ Yes ☐ No
If Yes, List the Date of Rate Agreement: April 2, 2010
Cite Federal Cognizant Agency: Defense Logistics Agency (DLA)

Personnel	Total Cost	Fringe Rate	Cost

REDACTED
EXEMPTION 4

3. Travel:

Total Negotiated Travel Costs:	Not Applicable, the recipient did not propose Travel costs: ☐

Project Officer:
The number and type of trips proposed in the negotiated budget are reasonable for the scope of work: ☒
The costs per trip proposed in the negotiated budget are reasonable: ☒
Is foreign travel included in the negotiated budget: ☐ Yes ☒ No

The travel budget was evaluated and found to be reasonable in the previous revision. No changes to the travel budget are included in the current revision.

☒ Specialist concurs.

4. Equipment:

Total Negotiated Equipment Costs: REDACTED EXEMPTION 4	Not Applicable, the recipient did not propose Equipment costs: ☐

Project Officer:
The types of equipment proposed in the negotiated budget is/are reasonable for the scope of work: ☒
The cost of equipment proposed in the negotiated budget are reasonable: ☒

Is there any proposed equipment with a total cost exceeding $50,000: ☒ Yes ☐ No

Equipment	Total Cost	Purpose of Equipment	Basis of Cost

REDACTED
EXEMPTION 4

REDACTED
EXEMPTION 4

☒ Specialist concurs.

5. Supplies:

Total Negotiated Supplies Costs:	Not Applicable, the recipient did not propose Supplies costs: ☒
Project Officer: No supply costs were proposed for Budget Period 1.	REDACTED EXEMPTION 4
☒ Specialist concurs.	

6. Contractual:

Total Negotiated Contractual Costs:	Not Applicable, the recipient did not propose Contractual costs: ☐

Project Officer:
The subrecipients proposed in the negotiated budget are appropriate for the scope of work: ☒
The contractual costs proposed in the negotiated budget are reasonable: ☒ Yes

Please fill out the following table with the negotiated costs: (table only shows costs which are new or revised since previous revision)

Vendor Name	BP 1 Cost	Role in Project (Identify SOPO Tasks)

REDACTED
EXEMPTION 4

REDACTED
EXEMPTION 4

Did the Recipient propose any subrecipients with total costs above $250,000? ☐ Yes ☒ No

Quotes and estimation bases have been provided for the vendor costs noted above.

☒ Specialist concurs.

7. Construction:

Total Negotiated Construction Costs:	Not Applicable, the recipient did not propose Construction costs: ☒
Project Officer No construction costs were proposed for Budget Period 1.	
☒ Specialist concurs.	

REDACTED
EXEMPTION 4

8. Other Direct Costs:

Total Negotiated Other Direct Costs:	Not Applicable, the recipient did not propose Other Direct costs: ☒
Project Officer: No other direct costs were proposed for Budget Period 1.	
☒ Specialist concurs.	

9. Indirect Charges:

REDACTED
EXEMPTION 4

Total Negotiated Indirect Costs: | Not Applicable, the recipient did not propose Indirect Costs: ☐

Specialist:
Does the Recipient have an approved rate agreement: ☒ Yes ☐ No
If Yes, List the Date of Rate Agreement: April 2, 2010
Cite Federal Cognizant Agency: Defense Logistics Agency (DLA)

Please fill out the following tables with the negotiated costs:

	Base Item	Rate	BP1 Original Base	BP1 Final Base	BP1 Original Indirect Charges	BP1 Final Indirect Charges
DOE Proposed						
DLA Agreement	Total Direct Costs					

REDACTED
EXEMPTION 4

10. Cost Share:

Project Officer:
Project is a: ☒ Research ☒ Development ☐ Demonstration ☐ Other: Pilot Plant
The minimum recipient's cost share required for this award is: 20%
The recipient proposed cost share for this award is: 20%
Does the proposed cost share meet the minimum requirement: ☒ Yes ☐ No

Specialist:
Is the proposed cost share: ☒ Cash ☐ In-kind

Organization	Type of Cost Share	Cost Share Amount

REDACTED
EXEMPTION 4

Third Party cost share commitment letters have been obtained: ☐
Solazyme's cost share commitment changed due to the change in the budget with this modification.

B. The following Project Officer and Specialist evaluation and negotiation commentary and recommendations address their agreement on all additional considerations for this award.

1. Please list any other special provisions agreed upon for inclusion in this award and describe the rationale for their inclusion below.

Changes to the Terms and Conditions with this modification include: 1) Update the "Award Project Period and Budget Periods" provision; 2) Update the "Cost Sharing" provision; 3) Add the "Use of Program Income – Cost Sharing"; 4) Update the "Funding of Budget Periods" provision; 5) Add "Reporting Subawards and Executive Compensation" provision; 6) Add "Central Contractor Registration and Universal Identifier Requirements" provision; and 7) Update the "NEPA" provision to the new T's & C's format.

2. If a negotiation strategy, or strategies, is/are specified in the selection statement, provide a discussion below of how this was addressed and resolved.

N/A

3. Any other comments or concerns of the Project Officer and/or Specialist for this award, and the recommended approach to mitigating them, will be explained and addressed below.

N/A

4. Is this a Recovery Act award? ☒ Yes ☐ No
   - If Yes, does the Buy American Act apply (see applicability below)? ☒ Yes ☐ No
   - If Yes, does Davis Bacon Act apply (see applicability below)? ☒ Yes ☐ No

If the answer to either the Buy American Act or Davis Bacon Act questions is Yes, provide a short discussion below on: 1) the type of entity; 2) what applies; Davis Bacon, Buy American, or both; 3) whether it applies to the prime, subrecipient, or both; and 4) work to be performed that requires applicability of Buy American and/or Davis Bacon.

No work is being done at a public work or other public facility which would require the purchase of US-made steel, per the Buy American Act. However, Solazyme, their subrecipients, contractors, vendors, and other entities involved in this project intend, to the extent possible, to honor the intent of Congress and purchase US-made materials/equipment.

Solazyme, their subrecipients, contractors, vendors, and other entities involved in this project will comply with Davis Bacon Act requirements where those requirements are applicable for this project. The Davis Bacon Act will apply to BP1 and BP2.

SECTION IV – RECOMMENDATIONS/APPROVAL

Signatures of the Project Officer and Specialist, indicating their recommendations, as indicated below, will occur after their mutual agreement on the contents of this document, and before the review and approval process for the action. The signatures below indicate that the costs in the negotiated budget are reasonable, allowable, and allocable.

1. **Technical Recommendation**

The project costs are acceptable and should be considered for a financial assistance award. The resources have been reviewed relative to the Statement of Project Objectives and are found to be reasonable, except as previously noted herein.

Christy Sterner — Signature
3/8/11 — Date

Christy Sterner
Project Officer

2. **Specialist Recommendation**

In view of the above analysis, the technical evaluation, and considering all known factors, this Award is recommended.

Molly R Hames — Signature
03/08/11 — Date

Molly Hames
Grants and Agreements Specialist

3. **Contracting Officer Approval**

☒ I concur with the above recommendation and have determined that the Recipient is responsible. I consider this Award to be in the best interest of the Government, and approve the award documents.

☐ In view of the analysis, the technical evaluation, and considering all known factors, I have determined that the Recipient is responsible. This Award is considered to be in the best interest of the Government and approved.

Melissa Wise — Signature
3/8/11 — Date

Melissa Y. Wise
Contracting Officer

MEMORANDUM FOR RECORD

To: OCPM
OAFA

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

Date: November 16, 2010

Subject: Continuation of Update to Guidance for Evaluations of Budgets for Financial Assistance Awards

On August 19, 2009, we signed the "Update to Guidance for Evaluations of Budgets for Financial Assistance Awards" memorandum in response to the unprecedented workload dictated by the American Recovery and Reinvestment Act. The resulting changes to processes for budget reviews, in part, contributed to the success with which an unprecedented workload was handled with great expediency. Due to its success, coupled with the expectation of the future financial assistance workload, this memorandum continues the changes to processes for budget reviews that were previously set forth.

Therefore, the following changes continue and are in effect until further notice:

1. Subrecipient Budget Reviews:

    a. For awards to Universities, States, and Local Governments, full reviews of individual subrecipients will be conducted for subrecipient work with total costs (including cost share) greater than or equal to $500,000 or greater than or equal to 25% of the total project costs, whichever is less.

    b. For awards to corporations or nonprofits, full reviews of individual subrecipients will be conducted for subrecipient work with total costs (including cost share) greater than or equal to $250,000 or greater than or equal to 50% of the total Project costs, whichever is less.

    c. Full reviews consist of Technical Evaluations/Negotiation Memorandums covering reviews of budgets, budget justifications, and statements of work.

    d. For all subrecipient costs that are below these thresholds, projects must continue to be assessed for reasonableness on the basis of the explanation (cost and brief description of work) presented by the Recipient in its application.

2. Fringe Benefit Rates and Cost Reviews:

    a. For Recipient budgets that include only fringe benefits and no indirect costs are proposed, the fringe benefit costs of up to 35% of Direct Labor costs are determined to be reasonable and acceptable, based on internal benchmarks of these costs (typically includes SUTA, FICA, unemployment, etc.).

    b. This fringe benefits cost allowance of up to 35% of Direct Labor costs does not apply if fringe benefit costs are included in any indirect costs proposed for a budget.

c. Fringe benefit costs that meet the criteria will not require a Fringe Benefit Rate Proposal to be reviewed by a Cost/Price Analyst.

3. Pending Indirect Rate Proposals:

a. If negotiations are not complete on an indirect rate proposal, a special provision may be used to accept the proposed budget until a full evaluation of the indirect rate proposal can be completed. (See the "Reopener Term – Pending Indirect Rates – Financial Assistance.").

b. When the "Reopener" provision is used, the Recipient will be placed on either ACH or ASAP Reimbursement – Approval Required, to ensure that all funds are reviewed prior to disbursement. Use of the provision will be tracked by the Specialist or Contracting Officer responsible for the award.

c. After submission and review of an indirect rate proposal, approved or provisional indirect rate(s) will be determined by the Contracting Officer (usually the Cost/Price Analyst CO).

d. Once the award budget has been fully negotiated, ASAP – Approval Required may be lifted.

MEMORANDUM FOR RECORD

To: OCPM
OAFA

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

Date: August 19, 2009

Subject: Update to Guidance for Evaluations of Budgets for Financial Assistance Awards

In response to the unprecedented workload dictated by the American Recovery and Reinvestment Act, and to expedite processing of new financial assistance awards and other administrative award actions, the following changes to processes for budget reviews are in effect, until further notice:

1. Sub-recipient Budget Reviews:

   a. For awards to Universities, States, and Local Governments, full reviews of their individual sub-recipients will be conducted for sub-recipient work with total costs (including cost share) greater than or equal to $500,000 or greater than or equal to 25% of the total project costs, whichever is less.

   b. For awards to corporations and nonprofits, full reviews of their individual sub-recipients will be conducted for sub-recipient work with total costs (including cost share) greater than or equal to $250,000 or greater than or equal to 50% of the total Project costs, whichever is less.

   c. Full reviews consist of Tech Evaluation/Negotiation Memos covering reviews of budgets, budget justifications, and scopes of work.

   d. For all sub-recipients costs that are below these thresholds, projects must continue to be assessed for reasonableness on the basis of the explanation (cost and brief description of work) presented by the Recipient in their application.

2. Fringe Benefit Rates and Cost Reviews:

   a. For Recipient budgets that include only fringe benefits and no indirect costs are proposed, the fringe benefit costs up to 35% of Direct Labor costs will be determined to be reasonable and acceptable, based on internal benchmarks of these costs (typically includes SUTA, FICA, unemployment, etc.).

   b. This fringe benefits costs allowance up to 35% of Direct Labor costs does not apply if fringe benefit costs are include in any indirect costs proposed for a budget.

c. Fringe benefit costs that meet the criteria will not require a Fringe Benefit Rate proposal to be reviewed by the Cost/Price Analyst.

3. Pending Indirect Rates Proposals:

a. If negotiations are not complete on indirect rate proposals, a special provision may be used to accept the proposed budget until a full evaluation of their indirect rate proposal can be completed. (See the "Reopener Term – Pending Indirect Rates – Financial Assistance.)

b. When the provision is used, the Recipient will be placed on ASAP Approval Required, to ensure all funds are reviewed before disbursement. Use of the provision will be tracked by the Specialist or Contracting Officer responsible for the award.

c. After submission and review of indirect rate proposals, approved or provisional indirect rates will be determined by the Contracting Officer (usually the Cost/Price Analysis CO).

d. Once award budget has been fully negotiated, ASAP Approval Required will be lifted.