Foreign and Domestic Items Cost Comparison

Description	Unit of measure	Quantity	Cost (dollars)*
Item 1:			
Foreign steel, iron, or manufactured good	_____	_____	_____
Domestic steel, iron, or manufactured good	_____	_____	_____
Item 2:			
Foreign steel, iron, or manufactured good	_____	_____	_____
Domestic steel, iron, or manufactured good	_____	_____	_____

List name, address, telephone number, email address, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.

Include other applicable supporting information.

*Include all delivery costs to the construction site.

29. REQUIRED USE OF AMERICAN IRON, STEEL, AND MANUFACTURED GOODS (COVERED UNDER INTERNATIONAL AGREEMENTS) – SECTION 1605 OF THE AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

(a) *Definitions.* As used in this award term and condition—

Designated country — (1) A World Trade Organization Government Procurement Agreement country (Aruba, Austria, Belgium, Bulgaria, Canada, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea (Republic of), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom;

(2) A Free Trade Agreement (FTA) country (Australia, Bahrain, Canada, Chile, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Israel, Mexico, Morocco, Nicaragua, Oman, Peru, or Singapore); or

(3) A United States-European Communities Exchange of Letters (May 15, 1995) country: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, and United Kingdom.

Designated country iron, steel, and/or manufactured goods — (1) Is wholly the growth, product, or manufacture of a designated country; or

(2) In the case of a manufactured good that consist in whole or in part of materials from another country, has been substantially transformed in a designated country into a new and different manufactured good distinct from the materials from which it was transformed.

Domestic iron, steel, and/or manufactured good — (1) Is wholly the growth, product, or manufacture of the United States; or

(2) In the case of a manufactured good that consists in whole or in part of materials from another country, has been substantially transformed in the United States into a new and different manufactured good distinct from the materials from which it was transformed. There is no requirement with regard to the origin of components or subcomponents in manufactured goods or products, as long as the manufacture of the goods occurs in the United States.

Foreign iron, steel, and/or manufactured good means iron, steel and/or manufactured good that is not domestic or designated country iron, steel, and/or manufactured good.

Manufactured good means a good brought to the construction site for incorporation into the building or work that has been—

(1) Processed into a specific form and shape; or

(2) Combined with other raw material to create a material that has different properties than the properties of the individual raw materials.

Public building and *public work* means a public building of, and a public work of, a governmental entity (the United States; the District of Columbia; commonwealths, territories, and minor outlying islands of the United States; State and local governments; and multi-State, regional, or interstate entities which have governmental functions). These buildings and works may include, without limitation, bridges, dams, plants, highways, parkways, streets, subways, tunnels, sewers, mains, power lines, pumping stations, heavy generators, railways, airports, terminals, docks, piers, wharves, ways, lighthouses, buoys, jetties, breakwaters, levees, and canals, and the construction, alteration, maintenance, or repair of such buildings and works.

Steel means an alloy that includes at least 50 percent iron, between .02 and 2 percent carbon, and may include other elements.

(b) *Iron, steel, and manufactured goods.* (1) The award term and condition described in this section implements—

(i) Section 1605(a) of the American Recovery and Reinvestment Act of 2009 (Pub. L. 111–5) (Recovery Act), by requiring that all iron, steel, and manufactured goods used in the project are produced in the United States; and

(ii) Section 1605(d), which requires application of the Buy American requirement in a manner consistent with U.S. obligations under international agreements. The restrictions of section 1605 of the Recovery Act do not apply to designated country iron, steel, and/or manufactured goods.

The Buy American requirement in section 1605 shall not be applied where the iron, steel or manufactured goods used in the project are from a Party to an international agreement that obligates the recipient to treat the goods and services of that Party the same as domestic goods and services. This obligation shall only apply to projects with an estimated value of $7,443,000 or more.

(2) The recipient shall use only domestic or designated country iron, steel, and manufactured goods in performing the work funded in whole or part with this award, except as provided in paragraphs (b)(3) and (b)(4) of this section.

(3) The requirement in paragraph (b)(2) of this section does not apply to the iron, steel, and manufactured goods listed by the Federal Government as follows:

None

(4) The award official may add other iron, steel, and manufactured goods to the list in paragraph (b)(3) of this section if the Federal Government determines that—

(i) The cost of domestic iron, steel, and/or manufactured goods would be unreasonable. The cost of domestic iron, steel, and/or manufactured goods used in the project is unreasonable when the cumulative cost of such material will increase the overall cost of the project by more than 25 percent;

(ii) The iron, steel, and/or manufactured good is not produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality; or

(iii) The application of the restriction of section 1605 of the Recovery Act would be inconsistent with the public interest.

(c) *Request for determination of inapplicability of section 1605 of the Recovery Act or the Buy American Act.* (1)(i) Any recipient request to use foreign iron, steel, and/or manufactured goods in accordance with paragraph (b)(4) of this section shall include adequate information for Federal Government evaluation of the request, including—

(A) A description of the foreign and domestic iron, steel, and/or manufactured goods;

(B) Unit of measure;

(C) Quantity;

(D) Cost;

(E) Time of delivery or availability;

(F) Location of the project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign iron, steel, and/or manufactured goods cited in accordance with paragraph (b)(4) of this section.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed cost comparison table in the format in paragraph (d) of this section.

(iii) The cost of iron, steel, or manufactured goods shall include all delivery costs to the construction site and any applicable duty.

(iv) Any recipient request for a determination submitted after Recovery Act funds have been obligated for a project for construction, alteration, maintenance, or repair shall explain why the recipient could not reasonably foresee the need for such determination and could not have requested the determination before the funds were obligated. If the recipient does not submit a satisfactory explanation, the award official need not make a determination.

(2) If the Federal Government determines after funds have been obligated for a project for construction, alteration, maintenance, or repair that an exception to section 1605 of the Recovery Act applies, the award official will amend the award to allow use of the foreign iron, steel, and/or relevant manufactured goods. When the basis for the exception is nonavailability or public interest, the amended award shall reflect adjustment of the award amount, redistribution of budgeted funds, and/or other appropriate actions taken to cover costs associated with acquiring or using the foreign iron, steel, and/or relevant manufactured goods. When the basis for the exception is the unreasonable cost of the domestic iron, steel, or manufactured goods, the award official shall adjust the award amount or redistribute budgeted funds, as appropriate, by at least the differential established in 2 CFR 176.110(a).

(3) Unless the Federal Government determines that an exception to section 1605 of the Recovery Act applies, use of foreign iron, steel, and/or manufactured goods other than designated country iron, steel, and/or manufactured goods is noncompliant with the applicable Act.

(d) *Data.* To permit evaluation of requests under paragraph (b) of this section based on unreasonable cost, the applicant shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Items Cost Comparison

Description	Unit of measure	Quantity	Cost (dollars)*
Item 1:			
Foreign steel, iron, or manufactured good	_____	_____	_____
Domestic steel, iron, or manufactured good	_____	_____	_____
Item 2:			
Foreign steel, iron, or manufactured good	_____	_____	_____
Domestic steel, iron, or manufactured good	_____	_____	_____

List name, address, telephone number, email address, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.

Include other applicable supporting information.

*Include all delivery costs to the construction site.

30. RECOVERY ACT TRANSACTIONS LISTED IN SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS AND RECIPIENT RESPONSIBILITIES FOR INFORMING SUBRECIPIENTS

(a) To maximize the transparency and accountability of funds authorized under the American Recovery and Reinvestment Act of 2009 (Pub. L. 111–5) (Recovery Act) as required by Congress and in accordance with 2 CFR 215.21 "Uniform Administrative Requirements for Grants and Agreements" and OMB Circular A–102 Common Rules provisions, recipients agree to maintain records that identify adequately the source and application of Recovery Act funds. OMB Circular A–102 is available at *http://www.whitehouse.gov/omb/circulars/a102/a102.html.*

(b) For recipients covered by the Single Audit Act Amendments of 1996 and OMB Circular A–133, "Audits of States, Local Governments, and Non-Profit Organizations," recipients agree to separately identify the expenditures for Federal awards under the Recovery Act on the Schedule of Expenditures of Federal Awards (SEFA) and the Data Collection Form (SF–SAC) required by OMB Circular A–133. OMB Circular A–133 is available at *http://www.whitehouse.gov/omb/circulars/a133/a133.html.* This shall be accomplished by identifying expenditures for Federal awards made under the Recovery Act separately on the SEFA, and as separate rows under Item 9 of Part III on the SF–SAC by CFDA number, and inclusion of the prefix "ARRA-" in identifying the name of the Federal program on the SEFA and as the first characters in Item 9d of Part III on the SF–SAC.

(c) Recipients agree to separately identify to each subrecipient, and document at the time of subaward and at the time of disbursement of funds, the Federal award number, CFDA number, and amount of Recovery Act funds. When a recipient awards Recovery Act funds for an existing program, the information furnished to subrecipients shall distinguish the subawards of incremental Recovery Act funds from regular subawards under the existing program.

(d) Recipients agree to require their subrecipients to include on their SEFA information to specifically identify Recovery Act funding similar to the requirements for the recipient SEFA described above. This information is needed to allow the recipient to properly monitor subrecipient expenditure of ARRA funds as well as oversight by the Federal awarding agencies, Offices of Inspector General and the Government Accountability Office.

31. WAGE RATE REQUIREMENTS UNDER SECTION 1606 OF THE RECOVERY ACT

(a) Section 1606 of the Recovery Act requires that all laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to the Recovery Act shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code.

Pursuant to Reorganization Plan No. 14 and the Copeland Act, 40 U.S.C. 3145, the Department of Labor has issued regulations at 29 CFR parts 1, 3, and 5 to implement the Davis-Bacon and related Acts. Regulations in 29 CFR 5.5 instruct agencies concerning application of the standard Davis-Bacon contract clauses set forth in that section. Federal agencies providing grants, cooperative agreements, and loans under the Recovery Act shall ensure that the standard Davis-Bacon contract clauses found in 29 CFR 5.5(a) are incorporated in any resultant covered contracts that are in excess of $2,000 for construction, alteration or repair (including painting and decorating).

(b) For additional guidance on the wage rate requirements of section 1606, contact your awarding agency. Recipients of grants, cooperative agreements and loans should direct their initial inquiries concerning the application of Davis-Bacon requirements to a particular federally assisted project to the Federal agency funding the project. The Secretary of Labor retains final coverage authority under Reorganization Plan Number 14.

32. DAVIS BACON ACT AND CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

If the Recipient determines at any time that any construction, alteration, or repair activity as defined by 29 CFR 5.2(j) (http://cfr.vlex.com/vid/5-2-definitions-19681309) will be performed during the course of the project, the Recipient shall notify the Contracting Officer prior to commencing such work and the following provisions shall apply. A modification to the award which incorporates the appropriate Davis-Bacon wage rate determination(s) will constitute the Contracting Officer's approval to proceed.

Definitions: For purposes of this provision, "Davis Bacon Act and Contract Work Hours and Safety Standards Act," the following definitions are applicable:

(1) "Award" means any grant, cooperative agreement or technology investment agreement made with Recovery Act funds by the Department of Energy (DOE) to a Recipient. Such Award must require compliance with the labor standards clauses and wage rate requirements of the Davis-Bacon Act (DBA) for work performed by all laborers and mechanics employed by Recipients (other than a unit of State or local government whose own employees perform the construction) Subrecipients, Contractors, and subcontractors.

(2) "Contractor" means an entity that enters into a Contract. For purposes of these clauses, Contractor shall include (as applicable) prime contractors, Recipients, Subrecipients, and Recipients' or Subrecipients' contractors, subcontractors, and lower-tier subcontractors. "Contractor" does not mean a unit of State or local government where construction is performed by its own employees."

(3) "Contract" means a contract executed by a Recipient, Subrecipient, prime contractor, or any tier subcontractor for construction, alteration, or repair. It may also mean (as applicable) (i) financial assistance instruments such as grants, cooperative agreements, technology investment agreements, and loans; and, (ii) Sub awards, contracts and subcontracts issued under financial assistance agreements. "Contract" does not mean a financial assistance instrument with a unit of State or local government where construction is performed by its own employees.

(4) "Contracting Officer" means the DOE official authorized to execute an Award on behalf of DOE and who is responsible for the business management and non-program aspects of the financial assistance process.

(5) "Recipient" means any entity other than an individual that receives an Award of Federal funds in the form of a grant, cooperative agreement, or technology investment agreement directly from the Federal Government and is financially accountable for the use of any DOE funds or property, and is legally responsible for carrying out the terms and conditions of the program and Award.

(6) "Subaward" means an award of financial assistance in the form of money, or property in lieu of money, made under an award by a Recipient to an eligible Subrecipient or by a Subrecipient to a lower-tier subrecipient. The term includes financial assistance when provided by any legal agreement, even if the agreement is called a contract, but does not include the Recipient's procurement of goods and services to carry out the program nor does it include any form of assistance which is excluded from the definition of "Award" above.

(7) "Subrecipient" means a non-Federal entity that expends Federal funds received from a Recipient to carry out a Federal program, but does not include an individual that is a beneficiary of such a program.

(a) Davis Bacon Act

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), will be paid unconditionally and not less often than once a week, and, without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein, *provided* that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

(ii)(A) The Contracting Officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the Contract shall be classified in conformance with the wage determination. The Contracting Officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination;

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Contracting Officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the Contracting Officer to the Administrator of the Wage and Hour Division, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.

(C) In the event the Contractor, the laborers or mechanics to be employed in the classification or their representatives, and the Contracting Officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the Contracting Officer shall refer the questions, including the views of all interested parties and the recommendation of the Contracting Officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this Contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the Contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *provided* that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. 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 the Contractor under this Contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the Contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the Contract, the Department of Energy, Recipient, or Subrecipient, may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made, and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in

providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii) (A) The Contractor shall submit weekly for each week in which any Contract work is performed a copy of all payrolls to the Department of Energy if the agency is a party to the Contract, but if the agency is not such a party, the Contractor will submit the payrolls to the Recipient or Subrecipient (as applicable), applicant, sponsor, or owner, as the case may be, for transmission to the Department of Energy. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead, the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime Contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the Department of Energy if the agency is a party to the Contract, but if the agency is not such a party, the Contractor will submit them to the Recipient or Subrecipient (as applicable), applicant, sponsor, or owner, as the case may be, for transmission to the Department of Energy, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the sponsoring government agency (or the Recipient or Subrecipient (as applicable), applicant, sponsor, or owner).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the Contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the Contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the Contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 3729 of title 31 of the United States Code.

(iii) The Contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the Department of Energy or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees—

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State

Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a Contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the

Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the 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

33. REOPENER TERM – PENDING INDIRECT RATES – FINANCIAL ASSISTANCE

(a) At the time the total budget cost for this award was established, agreement could not be reached on indirect rates. However, agreement was reached on a total estimated budget cost that includes a dollar amount for indirect costs and this amount is subject to adjustment in accordance with the provisions of this term and other administrative provisions of the award.

(b) By June 1, 2010 you shall submit an indirect rate proposal to the Contracting Officer and Cognizant Auditor for determination of a provisional billing rate.

(c) If the approved provisional billing rates result in amounts for indirect costs that are substantially lower the amount budgeted, you agree to commence negotiations to revise the budget and the total estimated cost for this award.

(d) Should you fail to submit the information in paragraph (b), or should there be no agreement as to the amount of the adjustment contemplated by this term, then the Contracting Officer may make a unilateral determination and modify the award accordingly.

34. CONTINGENCY

(a) Contingency Requirement. A minimum amount of Contingency is required for awards selected under Funding Opportunity Announcement DE-FOA-0000096. "Contingency" is defined in the Appendix as: "a provision in the Project Management Plan to mitigate cost and/or schedule risk." Contingency funds must be (a) liquid, (b) immediately available, and (c) unrestricted funds dedicated exclusively to the Project for the purpose of mitigating project performance baseline risk. Contingency funds may come from a variety of sources, as approved by the Contracting Officer on a case-by-case basis in accordance with the Appendix to these Terms and Conditions (Attachment 5).

(b) Minimum Amount of Contingency. Initial Contingency funds shall be not less than 25 percent of the Total Project Cost that begins with Budget Period 2, as more specifically described in Section B(2) of the Appendix to these Special Terms and Conditions (Attachment 5).

(c) Contingency Not Counted Toward Cost Share or DOE Reimbursement. Contingency is in addition to the Total Project Cost and cannot count toward cost share or result in reimbursement by DOE above the share approved in the award.

(d) Appendix. All of the terms and conditions set forth in this provision shall be further subject to the requirements and clarifications of Attachment 5.

PMC 128.1
06-18-2009

U.S. Department of Energy
Project Management Center

FINANCIAL ASSISTANCE AWARD
INDEX and CHECKLIST
(BUYER USE ONLY)

Award #:	**DE-EE0002877 / 001 - Approve Budget Period 1**	**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

n Item	*Indicate Completion of Action Item by inserting a date in the applicable box below*	
1	Verify Recipient's registration with the Central Contractor Registration (CCR) (http://www.ccr.gov)	CCR Registration Valid through: 01/14/2011
2	Verify Recipient's registration with FedConnect (goto P:\STRIPES\Fedconnect Reports)	Registration Confirmed on: 03/15/2010
3	ASAP Enrollment; if Recipient is not enrolled in ASAP, send .pdf of completed PMC 121.1 to 'GO Finance' mailbox	PMC 121.1 sent to 'GO Finance' on: N/A
4	Vendor Supplier/Site Information Form; send completed PMC 128.8 to 'GO Finance' mailbox (MS 2007)	Vendor Supplier/Site Information Form sent to 'GO Finance' 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-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 107.4		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) - Solazyme, Inc.						
	AWD-007a	Application for Federal Assistance	SF-424	X		AWD-007a AppDocsPrime (Solazyme)	batch .pdf
		SF-424A Budget Information	SF-424A	X			
		Budget Justification	PMC 123.1	X			
		Disclosure of Lobbying Activities	SF-LLL		X		
		Cost Share Commitment Ltrs from Third Parties	n/a	X			
	Successful Application Documentation (Sub #1) Abengoa						
	AWD-007b	SF-424A Budget Information	SF-424A		X	AWD-007b AppDocsSub[Abengoa]	batch .pdf
		Budget Justification	PMC 123.1		X		
	Successful Application Documentation (Sub #2) BlueFire						
	AWD-007c	SF-424A Budget Information	SF-424A	X		AWD-007c AppDocsSub[BlueFire]	batch .pdf
		Budget Justification	PMC 123.1		X		
	Successful Application Documentation (Sub #3) Cherokee Pharmaceuticals (CP)						
	AWD-007d	SF-424A Budget Information	SF-424A	X		AWD-007d AppDocsSub[CP]	batch .pdf
		Budget Justification	PMC 123.1		X		
	Successful Application Documentation (Sub #4) UOP						
	AWD-007e	SF-424A Budget Information	SF-424A		X	AWD-007e AppDocsSub[UOP]	batch .pdf
		Budget Justification	PMC 123.1		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-008d	Blanket A9 CX for ARRA IBR BP1	e-mail	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-014 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	Correspondence		X		AWD-018a 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-019b	HCA Approval and Business Clearance	n/a	X		AWD-019b DDRvw	.pdf
AWD-020	Deviations		n/a		X	AWD-020 Deviations	.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			

March 23, 2010

MEMORANDUM FOR: SCOTT HINE
HEAD OF CONTRACTING ACTIVITY
GOLDEN FIELD OFFICE

THROUGH: MATTHEW A. BARRON
FINANCIAL ASSISTANCE DIRECTOR
OFFICE OF ACQUISITION AND FINANCIAL ASSISTANCE

FROM: JAMIE HARRIS
ASSISTANT MANAGER
OFFICE OF ACQUISITION AND FINANCIAL ASSISTANCE

SUBJECT ACTION: REQUEST FOR HCA REVIEW AND APPROVAL OF FINANCIAL ASSISTANCE AWARDS EXCEEDING $25 MILLION, FUNDED THROUGH "RECOVERY ACT: DEMONSTRATION OF INTEGRATED BIOREFINERY OPERATIONS" (DE-FOA-0000096)

ISSUE: In accordance with the Memo from Rita L. Wells dated December 29, 2009, regarding the "Review and Approval of Financial Assistance Awards Exceeding $25 Million, Funded through the American Recovery and Reinvestment Act of 2009 (ARRA)," the HCA reserves the right to further exercise delegated authority to approve the individual award terms and conditions upon successful completion of award definitization.

BACKGROUND: The following conditional awards under DE-FOA-0000096, "Recovery Act: Demonstration of Integrated Biorefinery Operations" were granted HCA Approval:

- Algenol Biofuels, Inc. DE-EE0002867
- Amyris Biotechnologies, Inc. DE-EE0002869
- Archer Daniels Midland DE-EE0002870
- ClearFuels Technology, Inc. DE-EE0002871
- Haldor Topsoe, Inc. DE-EE0002874
- Solazyme, Inc. DE-EE0002877
- BioEnergy International, LLC DE-EE0002878
- LOGOS TECHNOLOGIES, INC. DE-EE0002881
- Enerkem Corp. DE-EE0002882
- INEOS New Planet BioEnergy, LLC DE-EE0002883

The awards listed above have successfully completed award definitization, and the individual award terms and conditions are now available for your review and approval.

As all awards listed above are substantially the same in award construction and preparation, to include the Special Terms and Conditions and Intellectual Property Provisions, Archer Daniels Midland, DE-EE0002870, has been selected to serve as the representative file for the purpose of complying with the requirement for HCA approval.

SENSITIVIES: These award modifications lift conditions on current ARRA awards, thereby releasing obligated funds and reducing uncosted balances.

POLICY IMPACT: None.

URGENCY: The anticipated issue date of these award modifications is March 31, 2010.

RECOMMENDATION: Receipt of HCA review and approval by March 26, 2010.

APPROVED: _____ DATE: 3/25/10

Scott E. Hine
Head of Contracting Activity
for the Golden Field Office

Department of Energy
Golden Field Office
1617 Cole Boulevard
Golden, Colorado 80401-3393

December 23, 2009

MEMORANDUM FOR MATTHEW A. BARRON
DIRECTOR
FINANCIAL ASSISTANCE (RE)

IBR Awards

JAMES P. DAMM
DIRECTOR
FINANCIAL ASSISTANCE (EE)

FROM: RITA L. WELLS
HEAD OF CONTRACTING ACTIVITY (HCA)
GOLDEN FIELD OFFICE

SUBJECT: Review and Approval of Financial Assistance Awards Exceeding $25 Million, Funded through the American Recovery and Reinvestment Act of 2009 (ARRA)

In accordance with the delegated authorities set forth in paragraph 2(A)(ii) of the memorandum dated September 19, 2008, from Edward R. Simpson, Director, Office of Procurement Assistance Management, Subject: Delegation of Authority/Designation as Head of Contracting Activity (HCA) for the Golden Field Office, this Memorandum constitutes HCA review of each conditional award identified in Attachment A that has a total project value exceeding $25 million, and HCA approval of each conditional award with a total project value exceeding $25 million but less than $50 million.

More specifically, this Memorandum constitutes HCA preliminary review and approval of all conditional ARRA financial assistance awards with total project budgets greater than $25 million, scheduled for award by the Golden Field Office on or before January 31, 2010. The conditional nature of these awards is necessitated as a result of unprecedented exigencies dictated by the ARRA. By making these awards on a fully conditional basis, recipient access to ARRA funding will be restricted until such time as the award is fully negotiated. Non-tailored, standard terms and conditions will be incorporated at this time into each of the awards identified on Attachment A. As HCA, I reserve the right to further exercise my delegated authority to approve each of the conditional awards identified on Attachment A, with total project budgets greater than $25 million but less than $50 million, at such time as individual award terms and conditions are fully and successfully negotiated between the Golden Field Office and the recipients, and award definitization is complete.

Federal Recycling Program Printed on Recycled Paper

Attachment A-Recovery Act Awards Scheduled through January 31, 2010 with Total Project Costs > 25 million

Program	Description	Recipient	Federal Share	Cost Share	Award Status
Biomass	Modify Integrated Biorefinery Solicitation	Bluefire	$81,200,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	Enerkem Corporation	$50,000,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	INEOS New Planet BioEnergy,LLC	$50,000,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	Sapphire Energy, Inc	$50,000,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	Amyris Biotechnologies, Inc.	$25,000,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	HALDOR TOPSOE, INC.	$25,000,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	UOP LLC	$25,000,000		Conditional
Water	Hydroelectric Modernization	Alcoa	$13,000,000		Conditional
Wind	Large Dynamometer Testing Facility	Clemson University	$44,000,000	REDACTED EXEMPTION 4	Conditional
Biomass	Modify Integrated Biorefinery Solicitation	Algenol Biofuels Inc.	$25,000,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	LOGOS TECHNOLOGIES, INC.	$20,455,849		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	Archer Daniels Midland	$24,834,592		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	American Process Inc.	$17,944,902		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	BioEnergy International, LLC	$50,000,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	Clearfuels Technology Inc	$23,000,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	ICM, Inc.	$25,000,000		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	Renewable Energy Institute International	$19,980,930		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	Solazyme, Inc.	$21,765,738		Conditional
Biomass	Modify Integrated Biorefinery Solicitation	ZeaChem Inc.	$25,000,000		Conditional
Geothermal	Enhanced Geothermal Systems	Naknek Electric	$12,376,568		Conditional

Wise, Melissa

From: Wise, Melissa
Sent: Friday, March 26, 2010 9:49 AM
To: DL OAFA RE Financial Assistance Div Biomass Program
Cc: Barron, Matt; Harris, Jamie; Craig, Kevin
Subject: FW: HQ Business Clearance Review and Approval of Special Terms and Conditions for Biorefinery Award Modifications

Importance: High

Hi Team,

The e-mail below serves as HQ Business Clearance Approval to proceed with our IBR awards for 3/31. Please include this e-mail under AWD-019.

After speaking with Steve, he could not offer a better title to our "Contingency" provision. He, therefore, recommended we proceed accordingly given the 3/31 deadline.

Please let me know if you have any questions.

Thanks,
Melissa

Melissa Wise
Grants and Agreements Specialist
U.S. Department of Energy
Golden Field Office

-----Original Message-----
From: Jones, Steven [mailto:Steven.Jones@hq.doe.gov]
Sent: Friday, March 26, 2010 8:56 AM
To: Wise, Melissa
Cc: Leotta, David (Hq)
Subject: RE: HQ Business Clearance Review and Approval of Special Terms and Conditions for Biorefinery Award Modifications

Melissa

REDACTED
EXEMPTION 5
(Deliberative Process)

Steven C. Jones
Procurement Analyst
MA-621
U.S. Department of Energy
Phone Number: 202-287-1474
FAX Number: 202-287-1445

-----Original Message-----
From: Wise, Melissa [mailto:melissa.wise@go.doe.gov]
Sent: Tuesday, March 23, 2010 3:12 PM
To: Jones, Steven
Cc: Schledorn, Michael; Leotta, David; Barron, Matt; Harris, Jamie; Crawford, Lalida
Subject: RE: HQ Business Clearance Review and Approval of Special Terms and Conditions for Biorefinery Award Modifications
Importance: High

Steve,

Per our discussion, here are the Special Terms and Conditions from the representative award file, DE-EE0002870, Archer Daniels Midland, for your review and approval. This representative file is being submitted to satisfy the review and approval requirement for all ten awards under Funding Opportunity Announcement DE-FOA-0000096. Internal reviews have been conducted and are attached, along with the following documents:

1. Action Memo
2. Assistance Agreement
3. Special Terms and Conditions
4. Intellectual Property Provisions
5. Statement of Project Objectives
6. Federal Assistance Reporting Checklist and Instructions
7. Budget Information
8. Requirements for Contingency Funds for Integrated Biorefinery

Projects Appendix
10. Request for Review and Internal Review Documentation.

We would appreciate your review and approval by 3/26/10, so that any changes may be incorporated into all ten awards as quickly as possible.
We must make all award modifications by 3/31/10.

Please also acknowledge receipt of this e-mail at your earliest convenience. If you have any questions, please feel free to contact me.

Kind regards,
Melissa

Melissa Wise
Grants and Agreements Specialist
U.S. Department of Energy
Golden Field Office

-----Original Message-----
From: Jones, Steven [mailto:Steven.Jones@hq.doe.gov]
Sent: Monday, March 15, 2010 8:53 AM
To: Wise, Melissa
Cc: Schledorn, Michael; Leotta, David (Hq)
Subject: FW: HQ Business Clearance Review and Approval of Special Terms and Conditions for Biorefinery Award Modifications

Melissa,

Based on our conversation, it is my understanding that the T&C's will be the same for all twelve awards. Please submit the first one for our review and we'll look at that one. If you have any questions please give me a call. Thanks.

Steven C. Jones

Procurement Analyst
MA-621
U.S. Department of Energy
Phone Number: 202-287-1474
FAX Number: 202-287-1445

-----Original Message-----
From: Wise, Melissa [mailto:melissa.wise@go.doe.gov]
Sent: Monday, March 15, 2010 10:33 AM
To: Jones, Steven
Cc: Schledorn, Michael
Subject: HQ Business Clearance Review and Approval of Special Terms and Conditions for Biorefinery Award Modifications

Hi Steve,

Per the attached memo, I am writing to inform you that we are lifting some conditions on approximately 12 of the Biorefinery awards made conditionally in January under funding opportunity announcement DE-FOA-0000096, "Recovery Act: Demonstration of Integrated Biorefinery Operations." The attached memo requests that we contact you for further review should any changes be made to the Special Terms and Conditions which are substantially different from the approved document.

Would you like to review all 12 Special Terms and Conditions, or would you like to review just one set from the first award modification ready for review? The Special Terms and Conditions will be the same for all 12 awards.

We anticipate making all 12 awards by March 31st. I look forward to hearing from you. Please let me know if you have any questions.

Thanks,
Melissa

Melissa Wise
Grants and Agreements Specialist
U.S. Department of Energy
Golden Field Office

Hames, Molly

From: Wise, Melissa
Sent: Thursday, March 18, 2010 8:41 AM
To: DL OAFA RE Financial Assistance Div Biomass Program
Subject: FW: IP Approval_Business Clearance waiver for IBRs

Team,

When HQ Business Clearance waived its review of the fully conditional IBR awards, it required that upon award definitization 1) IP approval be coordinated with Paul Gottlieb and 2) the Special Terms and Conditions be reviewed and approved by Steve Jones.

The e-mail trail below serves as the IP approval required by HQ Business Clearance. Please insert this e-mail in your award files under AWD-005. The second item (approval of ST&Cs) will be forthcoming.

Please let me know if you have any questions.

Thanks,
Melissa

Melissa Wise
Grants and Agreements Specialist
U.S. Department of Energy
Golden Field Office

From: Gottlieb, Paul <Paul.Gottlieb@hq.doe.gov>
To: Moody, Julia
Cc: Field, Linda (Hq)
Sent: Thu Mar 18 07:39:04 2010
Subject: RE: Business Clearance waiver for IBRs

REDACTED
EXEMPTION 5
(Attorney/Client privilege)
(Deliberative process)

Paul Gottlieb
Assistant General Counsel
for Technology Transfer & Intellectual Property
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
202-586-3439 (fax 2805)
Paul.Gottlieb@HQ.DOE.GOV
http://www.gc.doe.gov/intellectual_prop_lab_partner.htm

From: Moody, Julia [mailto:julia.moody@go.doe.gov]
Sent: Thursday, March 18, 2010 9:28 AM
To: Gottlieb, Paul
Subject: Re: Business Clearance waiver for IBRs