

**AGREEMENT BETWEEN
LAKE COUNTY, FLORIDA AND
THE CADMUS GROUP, INC.
FOR
ENERGY CONSERVATION STRATEGY**

RFP 09-0219

This is an Agreement between Lake County, Florida, a political subdivision of the State of Florida, hereinafter referred to as the COUNTY, by and through its Board of County Commissioners, and The Cadmus Group, a foreign corporation authorized to do business in the State of Florida, its successors and assigns, hereinafter referred to as CONSULTANT.

Recitals

WHEREAS, the COUNTY has publicly submitted a Request for Proposal (RFP), #09-0219, to retain a technical/planning consulting firm to prepare an Energy Efficiency and Conservation Strategy (EECS) for Lake County as part of the Energy Efficiency and Conservation Block Grant Program (EECBG) being administered by the U.S. Department of Energy (DoE); and

WHEREAS, CONSULTANT desires to perform such services subject to the terms of this Agreement.

NOW, THEREFORE, IN CONSIDERATION of the mutual terms, understandings, conditions, promises, covenants, and payment hereinafter set forth, and intending to be legally bound, the parties hereby agree as follows:

Article 1. Recitals

1.1 The foregoing recitals are true and correct and incorporated herein by reference.

Article 2. Purpose

2.1 The purpose of this Agreement is for CONSULTANT to prepare an Energy Efficiency and Conservation Strategy (EECS) for Lake County as part of the Energy Efficiency and Conservation Block Grant Program (EECBG) being administered by the U.S. Department of Energy (DoE).

Article 3. Scope of Services

3.1 On the terms and conditions set forth in this Agreement, the COUNTY hereby engages CONSULTANT to perform the services more specifically detailed in **Exhibit A**, Scope of Services, attached hereto and incorporated herein by reference.

3.2 This Agreement shall be effective immediately following the date of final execution by the COUNTY and shall remain in effect for ninety (90) days. The fees set forth in this Agreement shall prevail for the full duration of the initial term. Prior to, or upon completion, of the initial term of this Agreement, the COUNTY shall have the option to renew this Agreement for an additional ninety (90) days under the same terms and conditions. Continuation of the Agreement beyond the initial period, and any option subsequently exercised, is a COUNTY prerogative, and not a right of the CONSULTANT. This prerogative may be exercised only when such continuation is clearly in the best interest of the COUNTY.

3.3 CONSULTANT acknowledges that time is of the essence in carrying out CONSULTANT'S responsibilities under this Agreement. Specifically, CONSULTANT shall complete the draft strategy no later than sixty (60) days from issuance of the Notice to Proceed, and deliver the final strategy no later than ninety (90) days from issuance of the Notice to Proceed.

3.4 The CONSULTANT shall coordinate and work with any other consultants retained by the COUNTY. CONSULTANT acknowledges that nothing herein shall be deemed to preclude the COUNTY from retaining the services of other persons or entities undertaking the same or similar services as those undertaken by the CONSULTANT or from independently developing or acquiring materials or programs that are similar to, or competitive with, the services provided under this Agreement.

3.5 The services rendered pursuant to this Agreement shall not be deemed complete until accepted by the COUNTY and shall be in compliance with the terms herein, fully in accord with the specifications and of the highest quality. In the event that the service does not conform to the specifications, the COUNTY reserves the right to terminate the Agreement and will not be responsible to pay for any such service.

3.6 Any inconsistency between the provisions of this Agreement, the Federal statutes and regulations, and the terms and conditions of the DoE grant award shall be resolved in such a manner so as to not impair the award of the grant to the COUNTY.

Article 4. Payment

4.1 COUNTY shall pay and CONSULTANT shall accept, as full and complete payment for the timely and complete performance of its obligations hereunder **Seventy Nine Thousand Eight Hundred Eighty Dollars (\$79,880.00)**. CONSULTANT shall submit an invoice for a lump sum payment after completion and acceptance of the Project by the COUNTY.

4.2 The COUNTY shall make payment in accordance with the Florida Prompt Payment Act, Part VII, Chapter 218, Florida Statutes.

4.3 CONSULTANT agrees and recognizes that this Agreement is being funded with federal money under the American Recovery and Reinvestment Act of 2009. As such, pursuant to section 218.77, Florida Statutes, the CONSULTANT is hereby notified that payment is contingent upon receipt of such federal funding. The CONSULTANT hereby agrees to comply with all requirements of the funding entity applicable to the use of the monies as attached hereto and incorporated herein by reference as Exhibit B, including receiving no payment until all required forms are completed and submitted.

Article 5. County Responsibilities

5.1 COUNTY shall promptly review the services performed by CONSULTANT and provide direction to CONSULTANT as needed. COUNTY shall designate a County staff member to act as COUNTY'S Project Administrator.

5.2 COUNTY shall pay in accordance with the provisions set forth in this Agreement.

5.3 The COUNTY will provide to the CONSULTANT all necessary and available data, data developed and/or within the possession of the COUNTY, and any other data the COUNTY possesses that would be useful to the CONSULTANT in the completion of the required services.

Article 6. Special Terms and Conditions

6.1 Qualifications. Firms or individuals will be registered with the State of Florida and have obtained at least the minimum thresholds of education and professional experience required by the statutes to perform the services contained herein.

6.2 Subletting of Agreement. This Agreement shall not be sublet except with the written consent of the COUNTY's Procurement Services Director. No such consent shall be construed as making the COUNTY a party to the subcontract or subjecting the COUNTY to liability of any kind to any subcontractor. No subcontract shall under any circumstances relieve the CONSULTANT of liability and obligations under this Agreement and all transactions with the COUNTY must be through the CONSULTANT.

6.3 Insurance. The CONSULTANT shall purchase and maintain, at its expense, from a company or companies authorized to do business in the State of Florida, and which are acceptable to the COUNTY, insurance policies containing the following selected types of coverage and minimum limits of liability protecting from claims which may arise out of or result from the performance or non-performance of services under this contract by the CONSULTANT or by anyone directly or indirectly employed by it, or by anyone for whose acts it may be liable:

CONSULTANT shall not commence work under the Agreement until COUNTY has received an acceptable certificate or certificates of insurance evidencing the required insurance, which is as follows: General Liability insurance on forms no more restrictive than the latest edition of the Occurrence Form Commercial General Liability policy (CG 00 01) of the Insurance Services Office or equivalent without restrictive endorsements, with the following minimum limits and coverage:

Each Occurrence/General Aggregate	\$500,000
Products-Completed Operations	\$500,000
Personal & Adv. Injury	\$500,000
Fire Damage	\$50,000
Medical Expense	\$5,000
Contractual Liability	Included

Automobile liability insurance, including owned, non-owned, and hired autos with the following minimum limits and coverage:

Combined Single Limit	\$300,000
or	
Bodily Injury (per person)	\$100,000
Bodily Injury (per accident)	\$300,000
Property Damage	\$100,000

Workers' compensation insurance based on proper reporting of classification codes and payroll amounts in accordance with Chapter 440, Florida Statutes, and/or any other applicable law requiring workers' compensation (Federal, maritime, etc). If not required by law to maintain workers compensation insurance, the CONSULTANT must provide a notarized statement that if he or she is injured, he or she will not hold the COUNTY responsible for any payment or compensation.

Employers Liability with the following minimum limits and coverage:

Each Accident	\$100,000
Disease-Each Employer	\$100,000
Disease-Policy Limit	\$500,000

Professional Liability and/or specialty insurance (medical malpractice, engineers, architect, consultant, environmental, pollution, errors and omissions, etc.) as applicable with minimum limits of \$500,000 and annual aggregate of \$1,000,000.

Lake County, a Political Subdivision of the State of Florida, and the Board of County Commissioners, shall be named as additional insured as their interest may appear on all applicable policies.

Certificate(s) of insurance shall provide for a minimum of sixty (60) days prior written notice to the COUNTY of any change, cancellation, or nonrenewal of the required insurance.

Certificate(s) of insurance shall identify the contract number in the Description of Operations section of the Certificate.

Certificate of insurance shall evidence a waiver of subrogation in favor of the COUNTY, that coverage shall be primary and noncontributory, and that each evidenced policy includes a Cross Liability or Severability of Interests provision, with no requirement of premium payment by the COUNTY.

Certificate holder shall be:

LAKE COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA, AND THE
BOARD OF COUNTY COMMISSIONERS.
P.O. BOX 7800
TAVARES, FL 32778-7800

All self-insured retentions shall appear on the certificate(s) and shall be subject to approval by the COUNTY. At the option of the COUNTY, the insurer shall reduce or eliminate such self-insured retentions; or the CONSULTANT shall be required to procure a bond guaranteeing payment of losses and related claims expenses.

The COUNTY shall be exempt from, and in no way liable for, any sums of money, which may represent a deductible or self-insured retention in any insurance policy. The payment of such deductible or self-insured retention shall be the sole responsibility of the CONSULTANT and/or subcontractor providing such insurance.

The CONSULTANT shall be responsible for subcontractors and their insurance. Subcontractors are to provide Certificates of Insurance to the COUNTY evidencing coverage and terms in accordance with the CONSULTANT's requirements.

Failure to obtain and maintain such insurance as set out above will be considered a breach of contract and may result in termination of the contract for default.

Neither approval by the COUNTY of any insurance supplied by the CONSULTANT, nor a failure to disapprove that insurance, shall relieve the CONSULTANT of full responsibility of liability, damages, and accidents as set forth herein.

6.4 Indemnity. The CONSULTANT shall indemnify and hold the COUNTY and its agents, officers, commissioners or employees harmless for any damages resulting from failure of the CONSULTANT to take out and maintain the above insurance. Additionally, the CONSULTANT agrees for good and valuable consideration in the amount of ten dollars (\$10.00) to indemnify, and hold the Board of County Commissioners, Lake County, Florida, and its officers, commissions, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities to the extent resulting from the negligent act, error or omission of the CONSULTANT, its agents, employees or representative, in the performance of the CONSULTANT'S duties set forth in this Agreement.

6.5 Independent Contractor. The CONSULTANT agrees that it shall be acting as an independent contractor and shall not be considered or deemed to be an agent, employee, joint venturer, or partner of the COUNTY. The CONSULTANT shall have no authority to contract for or bind the COUNTY in any manner and shall not represent itself as an agent of the COUNTY or as otherwise authorized to act for or on behalf of the COUNTY. Additionally, the CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the CONSULTANT any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement.

6.6 Acceptance of Services. Any service(s) procured as a result of this Agreement may be evaluated for compliance with specifications. In the event that the service is found to be defective or does not conform to the specifications, the COUNTY reserves the right to require corrective action as appropriate which may include, but is not limited to, ordering re-performance of service or the termination of the Agreement for default. The COUNTY will not be responsible for paying for any service that does not conform to the Agreement specifications.

6.7 Public Records / Copyrights

A. All electronic files, audio and/or video recordings, and all papers pertaining to any activity performed by the provider for or on behalf of the COUNTY shall be the property of the COUNTY and will be turned over to the COUNTY upon request. In accordance with Florida "Public Records" law, Chapter 119, Florida Statutes, each file and all papers pertaining to any activities performed for or on behalf of the COUNTY are public records available for inspection by any person even if the file or paper resides in the CONSULTANT'S office or facility. The CONSULTANT shall maintain the files and papers for not less than six (6) complete calendar years after the project has been completed or terminated, or in accordance with the federal requirements, whichever is longer.

B. Any copyright derived from any agreement derived from this Agreement shall belong to the author. The author and the CONSULTANT shall expressly assign to the COUNTY nonexclusive, royalty free rights to use any and all information provided by the CONSULTANT in any deliverable and/or report for the COUNTY'S use which may include publishing in COUNTY documents and distribution as the COUNTY deems to be in the COUNTY'S best interests. If anything included in any deliverable limits the rights of the COUNTY to use the information, the deliverable shall be considered defective and not acceptable and the CONSULTANT will not be eligible for any compensation.

6.8 Right to Audit. The County reserves the right to require CONSULTANT to submit to an audit by any auditor of the COUNTY'S choosing. CONSULTANT shall provide access to all of its records, which relate directly or indirectly to this Agreement at its place of business during regular business hours. CONSULTANT shall retain all records pertaining to this Agreement and upon request make them

available to the COUNTY for six (6) years following expiration of the Agreement. CONSULTANT agrees to provide such assistance as may be necessary to facilitate the review or audit by the COUNTY to ensure compliance with applicable accounting and financial standards.

6.9 Codes and Regulations. All work completed under this Agreement shall conform to all applicable federal, state and local statutes, codes, regulations and ordinances.

6.10 Public Entity Crimes. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

6.11 Prohibition Against Contingent Fees. The CONSULTANT warrants that they have not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT to solicit or secure this Agreement and that they have not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award or making of this Agreement.

Article 7. General Conditions

7.1 This Agreement is made under, and in all respects shall be interpreted, construed, and governed by and in accordance with, the laws of the State of Florida. Venue for any legal action resulting from this Agreement shall lie in Lake County, Florida.

7.2 Neither Party may assign any rights or obligations under this Agreement to any other party unless specific written permission from the other party is obtained.

7.3 The captions utilized in this Agreement are for the purposes of identification only and do not control or affect the meaning or construction of any of the provisions hereof.

7.4 This Agreement shall be binding upon and shall inure to the benefit of each of the parties and of their respective successors and permitted assigns.

7.5 This Agreement may not be amended, released, discharged, rescinded or abandoned, except by a written instrument duly executed by each of the parties hereto.

7.6 The failure of any party hereto at any time to enforce any of the provisions of this Agreement will in no way constitute or be construed as a waiver of such provision or of any other provision hereof, nor in any way affect the validity of, or the right thereafter to enforce, each and every provision of this Agreement.

7.7 During the term of this Agreement the CONSULTANT assures the COUNTY that it is in compliance with Title VII of the 1964 Civil Rights Act, as amended, and the Florida Civil Rights Act of 1992, in that the CONSULTANT does not on the grounds of race, color, national origin, religion, sex, age, disability or marital status, discrimination in any form or manner against the CONSULTANT employees or applicants for employment. The CONSULTANT understands and agrees that this Agreement is conditioned upon the veracity of this statement of assurance.

7.8 The CONSULTANT shall at all times comply with all Federal, State and local laws, rules and regulations.

7.9 The invalidity or unenforceability of any particular provision of this Agreement shall not affect the other provisions hereof, and this Agreement shall be construed in all respects as if such invalid or unenforceable provisions were omitted.

7.10 Wherever provision is made in this Agreement for the giving, service or delivery of any notice, statement or other instrument, such notice shall be in writing and shall be deemed to have been duly given, served and delivered, if delivered by hand or mailed by United States registered or certified mail or sent by facsimile, addressed as follows:

If to CONSULTANT:

The Cadmus Group, Inc.
Edward Miller, Vice-President
57 Water Street
Watertown, MA 02472

If to COUNTY:

Dottie Keedy
Director of Economic Growth & Redevelopment
P.O. Box 7800
Tavares, Florida 32778

Each party hereto may change its mailing address by giving to the other party hereto, by hand delivery, United States registered or certified mail notice of election to change such address.

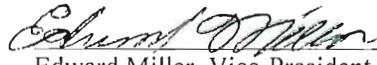
Article 8. Scope of Agreement

8.1 This Agreement is intended by the parties hereto to be the final expression of their Agreement, and it constitutes the full and entire understanding between the parties with respect to the subject hereof, notwithstanding any representations, statements, or agreements to the contrary heretofore made.

INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement on the respective dates under each signature: COUNTY through its Board of County Commissioners, signing by and through its Chairman, authorized to execute same by Board Action on the 11 day of August, 2009 and by CONSULTANT through duly authorized representative.

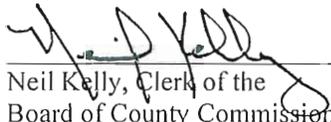
CONSULTANT


Edward Miller, Vice-President
August 3, 2009

COUNTY

ATTEST:

LAKE COUNTY, through its
BOARD OF COUNTY COMMISSIONERS


Neil Kelly, Clerk of the
Board of County Commissioners
of Lake County, Florida


Welton G. Cadwell, Chairman
This 24th day of Aug, 2009.

Approved as to form and legality:

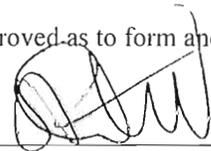

Sanford A. Minkoff

EXHIBIT "A"

2. PROPOSED SOLUTION DESCRIPTION

A. SOLUTION

General Approach

Lake County, Florida seeks to develop an energy strategy that will serve as a blueprint for the implementation of energy related actions. As we have done for Phoenix, AZ; Des Moines, IA; and three other cities, the Cadmus team will assist Lake County to develop a strategy based on meaningful metrics that will allow for prioritization and implementation of the most cost-effective and beneficial options available for the County and surrounding communities.

The Cadmus Team's approach will allow Lake County to:

- Create new, sustainable "green" jobs.
- Define with Lake County the appropriate strategies for the use of the block grant funds, including strategies to leverage additional private and public funds and be well-positioned to win competitive grants.
- Develop basic baseline performance data on energy use and greenhouse gas emissions.
- Develop forecasts of energy sources, energy uses, energy rates, GHG emissions, and other pertinent factors related to energy efficiency and conservation.
- Facilitate input from public and private parties to ensure that community interests and existing programs, projects and goals are properly integrated into the development of the County's energy efficiency and conservation strategy.
- Plan for capital improvement projects that will highlight the County's commitment to energy efficiency and the environment.
- Use the baseline data, existing programs and input from the public and private parties to define appropriate goals with measurable objectives for energy efficiency and conservation that involve the community and the government.
- Build an evaluation and programmatic framework with the longevity associated with ENERGY STAR continuing support from Federal Programs.
- Increase programmatic integration with surrounding communities.
- Address prioritization of the use of EECBG funds and identify opportunities to leverage grant funds to create a sustainable and ongoing energy efficiency and conservation program.
- Develop tools to track performance of strategies with key metrics.
- Ensure development of all deliverables including public presentations, handouts, and submittals to the DOE.

Kickoff Meeting

The Cadmus Team proposes to kick off the planning process with an initial face-to-face meeting to be held with the Lake County Project Team and key staff immediately following the award of this project. Prior to the meeting, the Cadmus Team will prepare an agenda summarizing the proposed outline of tasks and schedule. We will also review reports, data, and any other related information that can be provided in

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advance of the meeting, such as any information related to previous meetings of County Officials and Planners that the County believes pertinent to the effort as well as any relevant studies or surveys that may have previously been conducted.

At a minimum, topics to be discussed during the kickoff meeting will include:

- Key people on the Cadmus and County Project Teams who will provide specific expertise and insight into the various focus areas
- Proposed schedule and timeline for completing the EECS and all related tasks
- The reporting structure and lines of communication to ensure information flow to and from the Cadmus Team and the County Project Team
- Opportunities for and approach to garnering stakeholder participation and public comment, if desired and appropriate
- Coordination and discussions with neighboring local government officials and the State
- Initial County strategic priorities and focus areas for inclusion in the analysis of potential projects
- Project best practices as established by the DOE EECS team
- Final format for deliverables

Subsequent meetings, in addition to those throughout the approach, will be scheduled as necessary and appropriate.

EECS Development

In the creation of Lake County's EECS, the Cadmus Team will work with County Officials on the following plan elements. Cadmus suggests that the work be divided into three major tasks. These tasks will encompass the major scope sections from the Statement of Work in the Request for Proposal.

Task 1: Energy Use and Greenhouse Gas (GHG) Emissions

(Scope Sections 2 and 6)

The overall purpose of the tasks outlined in this section is to develop recommended actions that will reduce the GHG emissions associated with the highest emitting activities from the County and the community. The actions identified in the climate action plans will provide a broad list of potential activities for which Lake County may utilize EECS funding.

Step 1: Conduct County GHG Inventory

This task is focused on assembling existing data from Lake County Government which includes owned and leased assets such as buildings, data centers, fleet vehicles, traffic signals, park lighting, and other sources of GHG as established by ARRA. Where data is non-existent, Cadmus will employ industry accepted approximations and will provide Lake County with guidance on how to obtain the information for future ARRA related reporting. This is aligned with the building management and energy conservation focus area and will help to develop metrics for assessing energy savings opportunities and for tracking program progress and results.

To ensure that resources used to collect energy data are effectively and efficiently targeted, the Cadmus Team will develop an Energy Conservation Scoping Plan to direct the collection of energy data and development of the emissions inventory. At a minimum, the Scoping Plan will include geographical, organizational, and operational boundaries for the baseline.

Inventory development can start immediately upon award of the project. The Project Team proposes to conduct an initial kick off meeting at the same time as the overall kickoff meeting described above. The meeting will cover data availability and quality, scope of the verification, discussion of logistical issues,

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identification of points of contact, clarification of roles and responsibilities, and overview of the verification timeline.

The review will help us develop the verification plan and identify the assessment sample. The verification sampling plan will identify a list of facility emission source-specific data and associated records (e.g. utility invoices, etc.) that the County will be asked to provide for desktop review. This review will compare the reported activity data against the quantities indicated by the provided evidence to assess the underlying accuracy of source emissions.

Step 2: Conduct and Document Community GHG Inventory

Concurrent with the assembly of the County level inventory, the Project Team will initiate the community level inventory, which is planned to cover all six Kyoto greenhouse gases. This process will be undertaken with the individuals from the County and community most familiar with community level GHG sources, if any. The meeting will occur immediately following the overall kickoff and the GHG verification kickoff meetings described above. During this meeting we will discuss issues relating to the overall inventory development process including:

- Determination of a baseline year
- Operational boundary issues relating to the community inventory
- Emission sources to include in the inventory
- Identification of data sources
- The level of detail in the inventory that is appropriate at this time
- Long-term inventory management goals

The Project Team will discuss emission quantification methodologies available for each identified emissions source and will recommend preferred methodologies based on available data and current best practices. The result will be the beginning of the inventory management plan that will outline the inventory preparation process and ensure that it is in conformance with best practices. This planning step is essential to developing an inventory that meets the needs of the County and lays the foundation for future inventories and GHG management. The inventory management plan will guide the collection and organization of the community level GHG emissions data. Community sources of data may include the following:

- Fuel use for heating
- Fuel use associated with transportation
- Purchased electricity used within the geopolitical boundary of Lake County resulting from the community's electricity consumption
- Commercial energy consumption
- Refrigerant release
- Methane associated with solid waste operations

Once the inventory management plan is complete, the Project Team will work with the Lake County team to collect the necessary data to support the inventory. The Project Team will work closely with County staff to distribute requests for data to agencies, organizations, department and individuals within the County that maintain or have access to the needed records. To keep the project cost low, the Project Team expects that Lake County will supply the raw data or work with the team to generate suitable approximations based on industry best practices.

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Step 3: Develop County and Community Level GHG Action Plans (GHGAP)
(Scope Sections 2, 4, and 8)

Once complete, the Project Team will closely examine the County and Community level GHG inventories to gain a complete understanding of the major sources of GHG emissions. Based on an initial review of Lake County's significant contributing sources, the initial focus should be on street lights, water treatment plant, vehicle fleet, , employee commute, lift stations and the landfill. Examining the emissions levels from these largest source categories will provide a starting point for the best opportunities for GHG emission reduction. Although the BECS will fundamentally focus on savings from energy efficiency, the Project Team will work with all areas of focus for the GHG Action Plans (GHGAPs). Other focus areas may include; land use, transportation, waste management, recycling, and/or green procurement. Once the focus areas are agreed to, the Project Team will work with the Strategic Steering Group to identify overall strategies for each focus area. For instance, energy will likely have a strategy to use energy more efficiently to reduce the demand for fossil fuels. A second energy strategy could be to replace energy from fossil fuels with renewable sources. The team is aware of Lake County's interest in installing solar photovoltaics (PV). To bring about the strategies, two categories of actions will be identified:

- Direct actions: actions that contribute directly to GHG emissions reduction or adaptation.
- Capacity building actions; actions that do not contribute to GHG emission reductions by themselves, but by their achievement enable other direct actions for GHG reduction.

Using energy as an example, the following direct actions and capacity building actions are possible:

Direct Actions:

- 1) Perform energy audits and upgrade existing structures (insulation, weatherproofing lighting, HVAC, windows, etc.) [short to medium term]
- 2) Build all new structures to ENERGY STAR and LEED standards [medium term]
- 3) Change energy consumptive behavior with formal policies [short to medium term]
- 4) Install renewable energy on site [medium to long term] such as PV.

Capacity Building Actions:

- 1) Provide energy efficiency workshops and fairs for businesses [short term]
- 2) Promote and participate in existing programs that encourage public commitments to renewable energy, green building and energy efficiency [short term]
- 3) Work with the building-related professional organizations and arts and architectural community to develop a green building design competition [short term]
- 4) Use existing low cost federal programs to provide information and training to the public and professionals on energy efficiency and renewable energy. Publicize on education websites [short term]

One possible outline for the GHGAP for the Lake County (Government Operations and Community) follows below; the actual outline and structure will be defined with the County.

- 1) Plan summary suitable for general distribution to the public and County staff.
- 2) Overview and analysis of the government and community GHG inventory to assess major sources of emissions.
- 3) Target date for achieving emissions reductions. This section will also include interim target dates for strategies and actions described in the body of the plan.
- 4) Strategies for reducing major sources of emissions organized by subject (energy, green building, transportation, land use and planning, water resources, waste reduction and recycling, and green purchasing). The ranking of strategies and actions will emphasize the reduction of Scope 1 (Direct) and Scope 2 (Indirect) emissions. The strategies will also address adaptation.
- 5) Actions to achieve strategies for GHG emission reductions and adaptation with time frames for implementation. The actions, both direct and indirect, will be organized by subject – energy, land

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use and planning, water resources, waste reduction and recycling, green purchasing and transportation, for example, and will have assigned time frames for completion. As an example, time frame categories could include:

- Short term, 1 to 3 yrs;
 - Medium term, 3 to 8 yrs;
 - Long term, 8+ years.
- 6) Monitoring performance is key to ensuring the timely achievement of goals and actions. This section will include mechanisms for tracking progress on each of the direct actions identified in the previous sections and ensuring that the actions are tied to the reduction goal.

Once the initial draft is complete, we will present the draft GHGAPs to the County for review and comment. Upon receipt of comment and input, the Project Team will finalize the plan in the desired format (paper, electronic or both).

Task 1 Deliverables:

Cadmus has stipulated within each of the items addressed the associated deliverables. The Project Team will approve the format for the deliverables in advance. Draft copies of the deliverables will be provided to the Project Team in advance and revisions requested by the project team or DOB will be the responsibility of the Team. Deliverables for this task include but are not limited to:

- 1) Energy use and GHG emissions inventory, baseline and targets for the County Government and Community.
- 2) Action plan to reduce energy use and GHG emissions from County Government with extensions to the broader community.
- 3) Training to ensure that County staff can update the emissions inventory, track progress and generate reports on implementation of the action plans.

These deliverables will be assembled to meet Lake County's format requirements as specified in the RFP.

**Task 2 –Strategies, Implementation and Evaluation Frameworks, and Reporting of Results
(Scope Sections 1, 3, 5, 6, and 10)**

The overall purpose of the activities outlined in Task 2 is to develop and document the Energy Efficiency Conservation Strategy that meets the requirements of the EECBG formula grant program. We understand that the County views the EECBG as the fundamental start of a broader sustainability strategy.

Step 1: Assemble and prioritize energy efficiency and conservation programmatic opportunities eligible for funding through the EECBG program

So that we can develop a robust and comprehensive EECBG that addresses County priorities and strategic goals, the Cadmus Team will rely on several important sources of information specific to the development of the Lake County EECBG:

- 1) The analysis of existing programs and goals
- 2) Input from county officials, and select stakeholders or partners identified by the County
- 3) Results of the energy and emissions assessment

The Cadmus Team will organize the information by the key focus areas, will discuss it with Lake County staff, and provide it to the Project Team in the form of drafts. Having recently completed similar efforts with other cities, we will facilitate the development of overall goals and objectives by these focus areas, bringing to the process our extensive technical background in economics, project finance, sustainability, planning, energy efficiency and greenhouse gas emissions quantification to thoroughly assess and analyze the potential benefits gained from each of the activities, as well as the feasibility of achieving the goals and objectives.

DEVELOPMENT OF AN ENERGY EFFICIENCY AND CONSERVATION STRATEGY

JULY 22, 2009

The GHGAPs developed in Task 1, above will provide a base list of possible energy efficiency and conservation opportunities that can be incorporated into the EECS. From this list, the Project Team, bringing to the process our extensive technical background in economics, project finance, sustainability, planning, energy efficiency and greenhouse gas emissions quantification, will thoroughly assess and analyze the potential benefits gained from each of the activities, as well as the feasibility of achieving the goals and objectives.

The criteria used for the assessment will be aligned with the short-term outcomes identified by the Department of Energy. At a minimum, our high level analysis of each activity identified will consider:

- Energy savings
- Job creation/retention
- Renewable energy capacity and generation
- Emission reductions in tons CO2 equivalent
- Sustainability of funds and activities beyond the term of the grant period
- Opportunity for strategic partnerships
- Opportunity to leverage existing programs and new sources of funding

The outcome of the analysis will be provided in tabular form and will contain a prioritized list of recommended actions to be included in the overall EECS. The actions in the table will be grouped by the focus areas, along with targets in some instances, and similar to the GHGAPs, will be categorized as either direct actions or capacity building actions.

Ultimately, the County's strategy will likely have a mix of direct actions and capacity building actions directed at overcoming barriers to implementation of direct actions. The Project Team proposes to present its table/strategy to County Staff during a face-to-face meeting for discussion and achievement of consensus.

Step 2: Recommend tools for tracking and reporting of metrics as required by the EECBG
(Scope Section 8 and 9)

To support DOE's requirements for on-going measurement of the initiatives implemented with the grant money, the Project Team will set up a monitoring and measurement framework to capture the data and quantitative measures for each of the project activities selected by the County. Lake County will be required to report to DOE on a quarterly basis performance on the following six metrics for all project types:

- 1) Jobs created and/or retained
- 2) Energy savings on a per dollar invested basis
- 3) Renewable energy capacity installed
- 4) Greenhouse gas emissions reduced
- 5) Funds leveraged
- 6) Progress toward completion

Additional metrics as identified during goal and strategy development, which will vary by project type, will also be included in the framework. These will include appropriate measures for short, medium and long term monitoring.

Once the metrics are identified, the Project Team will first work with the County to identify existing systems that can be used to track EECBG funding and measure other key metrics. Leveraging existing tools and systems will be critical to developing a monitoring system that is manageable to document progress over time. As an example, the County may consider using EPA Portfolio Manager where relevant. This tool can then be expanded to include measures associated with energy savings per dollar invested and jobs created.

DEVELOPMENT OF AN ENERGY EFFICIENCY AND CONSERVATION STRATEGY

JULY 22, 2009

Step 3: Identify other potential funding sources that might be leveraged to increase resources available to fund the selected programs.

(Scope Sections 7 and 11)

Working with County staff, our Project Team will conduct research to identify potential funding opportunities that might be leveraged with the EECBG funds. Our team will prepare a summary memo that documents the funding resources available to fund the selected programs.

Task 2 Deliverables:

Deliverables for this task include but are not limited to:

1. The set of strategies and prioritized project options to meet the identified metrics.
2. Implementation framework, including recommendations for policies and schedules to meet targets.
3. Evaluation framework including identified metrics.
4. Recommended tools to track and report the metrics required by the EECBG and those developed as part of the evaluation framework.

Task 3 –Development of a Comprehensive Plan

(Scope Sections 3, 7, and 9)

Step 1: Prepare Energy Efficiency Conservation Strategy Document that meets all requirements for submission through the EECBG formula grant program.

The Project Team will coordinate with the County to consolidate the prioritized and most cost effective initiatives resulting from the tasks listed above for incorporation into the final EECS strategy document. The DOE requires the EECS to be documented and submitted on a form known as "Attachment D" in the grant application package. This is a form that consists of six open ended questions that are used to describe the EECS and cover a summary of goals and objectives, an implementation plan for the use of funds, cooperation of adjacent units of local government, coordination within the state, long-term sustainability of benefits, and auditing and monitoring procedures. The Project Team will use the information and documentation developed throughout the project scope to complete the Attachment D in the EECBG package. As necessary, we will conduct research and reach out to neighboring jurisdictions to accurately and completely address all of the questions in Attachment D. DOE would like the EECS to be completed in the space provided in Attachment D, but understands that applicants might need additional space and this is acceptable. In addition, the Project Team will also complete a separate B1 attachment for each activity described in the EECS.

Step 2: Prepare, Present and Document Final Strategy Documents

As described throughout the approach, the Project Team will document its process and deliverables for submission and/or presentation to County Staff. The Project Team will prepare the final documents in a digital and hard copy format for submittal to the County

Task 3 Deliverables:

Deliverables for this task include:

- 1) Comprehensive EECS
- 2) Completed EECBG application
- 3) Presentation material as requested
- 4) Research documents, meeting minutes and all other documentation created throughout the process to maximize benefits for local and regional communities.

DEVELOPMENT OF AN ENERGY EFFICIENCY AND CONSERVATION STRATEGY

JULY 22, 2009

B. EXCEPTIONS

We take no exceptions to the requirements of this solicitation.

EXHIBIT B: GRANT REQUIREMENTS

DE-EE0000786/000
Attachment 1

STATEMENT OF PROJECT OBJECTIVES

Lake County, Florida
Development of Energy Efficiency and Conservation Strategy

A. PROJECT OBJECTIVES

An Energy Efficiency Conservation Strategy (EECS) will be developed to guide the expenditure of the Energy Efficiency Conservation Block Grant allocation.

B. PROJECT SCOPE

The scope for this award is the development of the EECS and all supporting documentation necessary for the proposed strategy and activities.

C. TASKS TO BE PERFORMED

Task 1.0 Energy Efficiency Conservation Strategy Development

An EECS will be developed that includes one or more eligible activities as delineated in Funding Opportunity Announcement (FOA) DE-FOA-0000013. The EECS shall be a comprehensive strategy that covers, at a minimum, all items detailed in Attachment D of the FOA.

Milestone:

Within 120 days of Award, an EECS will be delivered to DOE including all required supporting documents as follows:

- An EECBG Activity Worksheet for each proposed activity,
- The proposed budget for each activity (on form SF424A) with sufficient justification to support each budget item, i.e. (You must justify the costs proposed in each Object Class Category/Cost Classification category (e.g., identify key persons and personnel categories and the estimated costs for each person or category; provide a list of equipment and cost of each item; identify proposed subaward/consultant work and cost of each subaward/consultant; describe purpose of proposed travel, number of travelers, and number of travel days; list general categories of supplies and amount for each category; and provide any other information you wish to support your budget).
- One NEPA form that includes all proposed activities in activity categories 1-3, 6, 7A, 7B, 7C, 7E, 7F, 8-10, and 12, and
- One NEPA form for EACH proposed activity in activity categories 4, 5, 7D, 11, 13, and 14.
 - o During the 120 days, DOE will contact you with additional instructions on submitting your National Environmental Policy Act (NEPA) form and compliance with respect to each proposed activity.

Agreement between Lake County, Florida and The Cadmus Group, Inc. for Energy Conservation Strategy; RFP 09-0219

Applicant's Name: County of Lake, FL Award Number: DE-EE000766-000

Budget Information – Non Construction Programs

CME Approval No 0349-0244

Section A – Budget Summary		Estimated Unobligated Funds		New or Revised Budget		Total
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	(g)
1 Develop EECS	81.128			\$200,000		\$200,000
2						
3						
4						
5 Totals				\$200,000		\$200,000
Section B – Budget Categories						
Grant Program, Function or Activity						
Object Class Categories	(1) Develop EECS	(2)	(3)	(4)	Total (5)	
a. Personnel						
b. Fringe Benefits						
c. Travel						
d. Equipment						
e. Supplies						
f. Contractual						
g. Construction						
h. Other	\$200,000				\$200,000	
i. Total Direct Charges (sum of 6a-6h)						
j. Indirect Charges						
k. Totals (sum of i and j)	\$200,000				\$200,000	
7 Program Income						

31-4246 (Rev. 4-74)
Prescribed by OMB Circular A-101

HEW/USDOE FORM 4246

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NOT SPECIFIED / OTHER

ASSISTANCE AGREEMENT			
1. Award No. DE-EE0000786	2. Modification No.	3. Effective Date 07/27/2009	4. CFDA No. E1.128
5. Awarded To LAKE, COUNTY OF Attn: BARNETT SCHWARTEMAN PO BOX 7800 TAVARES FL 327787800		6. Sponsoring Office Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401	
		7. Period of Performance 07/27/2009 through 07/26/2012	
8. Type of Agreement <input checked="" type="checkbox"/> Grant <input type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Other	9. Authority PL 110-140, EISA 2007 PL 111-5, Recovery Act 2009		10. Purchase Request or Funding Document No. 09EE002660
11. Remittance Address LAKE, COUNTY OF Attn: BARNETT SCHWARTEMAN PO BOX 7800 TAVARES FL 327787800		12. Total Amount Govt. Share: \$2,607,500.00 Cost Share : \$0.00 Total : \$2,607,500.00	13. Funds Obligated This action: \$200,000.00 Total : \$200,000.00
14. Principal Investigator Dottie Keedy Phone: 352-343-9899	15. Program Manager Patricia Saito Phone: 303-275-4945	16. Administrator Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401-3353	
17. Submit Payment Requests To		18. Paying Office	19. Submit Reports To See Attachment 2
20. Accounting and Appropriation Data EECBG			
21. Research Title and/or Description of Project RECOVERY ACT: DEVELOPMENT OF ENERGY EFFICIENCY AND CONSERVATION STRATEGY			
For the Recipient		For the United States of America	
22. Signature of Person Authorized to Sign		25. Signature of Grants/Agreements Officer <i>Andrea K. Lucero</i>	
23. Name and Title	24. Date Signed	26. Name of Officer Andrea K. Lucero	27. Date Signed 07/24/2009

NOT SPECIFIED / OTHER

Agreement between Lake County, Florida and The Cadmus Group, Inc. for Energy Conservation Strategy; RFP 09-0219

NOT SPECIFIED /OTHER

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	BE-EE0000786	2	3

NAME OF OFFEROR OR CONTRACTOR
LAKE, COUNTY OF

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>DUNS Number: 079214136</p> <p>"Electronic signature or signatures as used in this document means a method of signing an electronic message that--</p> <p>(A) Identifies and authenticates a particular person as the source of the electronic message;</p> <p>(B) Indicates such person's approval of the information contained in the electronic message; and,</p> <p>(C) Submission via FedConnect constitutes electronically signed documents."</p> <p>In addition to this Assistance Agreement, this award consists of the items listed in the Special Terms and Conditions, Provision 2, Award Agreement Terms and Conditions.</p> <p>In Block 7 of the Assistance Agreement, the Period of Performance reflects the beginning of the project through the end of the current Budget Period, shown as 07/27/2009 through 07/26/2012.</p> <p>DOE Award Administrator: Diana Martinez E-mail: diana.martinez@go.doe.gov Phone: 303-275-4939</p> <p>DOE Project Officer: Patricia Saito E-mail: Patricia.Saito@go.doe.gov Phone: 303-275-4823</p> <p>Recipient Business Officer: Dottie Keedy E-mail: dkeedy@lakecountyfl.gov Phone: 352-343-9899</p> <p>Recipient Principal Investigator: Dottie Keedy E-mail: dkeedy@lakecountyfl.gov Phone: 352-343-9899</p> <p>ASAP: Yes Extent Competed: NOT AVAIL FOR COMP Delivery Location Code: 03601 Golden Field Office U.S. Department of Energy Golden Field Office 1617 Cole Blvd. Golden CO 80401-3393</p> <p>Continued ...</p>				

July 2004

NOT SPECIFIED /OTHER

NOT SPECIFIED /OTHER

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-EE0000786	PAGE 3	OF 3
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NAME OF OFFEROR OR CONTRACTOR
LAKE, COUNTY OF

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: OR for Golden U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 4517 Oak Ridge TN 37831 Fund: 05796 Appr Year: 2009 Allottee: 31 Report Entity: 200625 Object Class: 41020 Program: 1005115 Project: 2004350 WFO: 0000000 Local Use: 0000000 TAS Agency: 89 TAS Account: 0321				

July 2004

NOT SPECIFIED /OTHER

DOE F 4600.2
(8-05)
All Other Editions Are Obsolete

**U.S. Department of Energy
FEDERAL ASSISTANCE REPORTING CHECKLIST
AND INSTRUCTIONS**

DE-EE000786
Attachment 2

1. Identification Number: DE-EE000786.000		2. Program/Project Title: Recovery Act: Development of Energy Efficiency and Conservation Strategy											
3. Recipient: County of Lake, FL													
4. Reporting Requirements:	Frequency	No. of Copies	Addressees										
A. MANAGEMENT REPORTING <input type="checkbox"/> Progress Report <input checked="" type="checkbox"/> Special Status Report													
B. SCIENTIFIC/TECHNICAL REPORTING (Reports/Products must be submitted with appropriate DOE F 241. The 241 forms are available at: www.e-ostt.gov/ehint/) <table border="0" style="width:100%"> <tr> <td style="width:50%">Report/Product</td> <td style="width:50%">Form</td> </tr> <tr> <td><input type="checkbox"/> Final Scientific/Technical Report</td> <td>DOE F 241.3</td> </tr> <tr> <td><input type="checkbox"/> Conference papers/proceedings*</td> <td>DOE F 241.3</td> </tr> <tr> <td><input type="checkbox"/> Software/Manual</td> <td>DOE F 241.4</td> </tr> <tr> <td><input type="checkbox"/> Other (see special instructions)</td> <td>DOE F 241.3</td> </tr> </table> * Scientific and technical conferences only				Report/Product	Form	<input type="checkbox"/> Final Scientific/Technical Report	DOE F 241.3	<input type="checkbox"/> Conference papers/proceedings*	DOE F 241.3	<input type="checkbox"/> Software/Manual	DOE F 241.4	<input type="checkbox"/> Other (see special instructions)	DOE F 241.3
Report/Product	Form												
<input type="checkbox"/> Final Scientific/Technical Report	DOE F 241.3												
<input type="checkbox"/> Conference papers/proceedings*	DOE F 241.3												
<input type="checkbox"/> Software/Manual	DOE F 241.4												
<input type="checkbox"/> Other (see special instructions)	DOE F 241.3												
C. FINANCIAL REPORTING <input checked="" type="checkbox"/> SF-425, Financial Status Report													
D. CLOSE OUT REPORTING <input type="checkbox"/> Patent Certification <input type="checkbox"/> Property Certification <input type="checkbox"/> Other													
E. OTHER REPORTING <input type="checkbox"/> Annual Indirect Cost Proposal <input type="checkbox"/> Annual Inventory of Federally Owned Property, if any <input checked="" type="checkbox"/> Other													
	A		EECBG@go.doe.gov										
	Q		EECBG@go.doe.gov										
	A		See Special Instructions Below										
FREQUENCY CODES AND DUE DATES: A - Within 5 calendar days after events or as specified. F - Final; 90 calendar days after expiration or termination of the award. Y - Yearly; 90 days after the end of the reporting period. S - Semiannually; within 30 days after end of reporting period. Q - Quarterly; within 30 days after end of the reporting period													
5. Special Instructions: Special Status Report: Within 120 days of the award date shown in Block 27 of the Agreement Cover Page, The Recipient must submit the following requirements for DOE's review. Upon receipt of these requirements, DOE will review the submissions and finalize negotiations with the Recipient. <ul style="list-style-type: none"> - Energy Efficiency Conservation Strategy (EECS). - Project Activity Sheets that correspond with the EECS. - Budget. - Budget Justification - NEPA forms, if applicable. Other Reporting: AMERICAN RECOVERY AND REINVESTMENT ACT REPORTING: See the Special Terms and Conditions for Recovery Act reporting requirements, along with the following web site: http://www.federalreporting.gov/ . The required reports are due no later than ten calendar days after each calendar quarter in which the recipient receives the assistance award funded in whole or in part by the Recovery Act. Recipients are instructed to maintain data in order to report cumulatively beginning with an estimated October 10, 2009 reporting deadline.													

Federal Assistance Reporting Instructions (5/06)

A. MANAGEMENT REPORTING

Progress Report

The Progress Report must provide a concise narrative assessment of the status of work and include the following information and any other information identified under Special Instructions on the Federal Assistance Reporting Checklist:

1. The DOE award number and name of the recipient.
2. The project title and name of the project director/principal investigator.
3. Date of report and period covered by the report.
4. A comparison of the actual accomplishments with the goals and objectives established for the period and reasons why the established goals were not met.
5. A discussion of what was accomplished under these goals during this reporting period, including major activities, significant results, major findings or conclusions, key outcomes or other achievements. This section should not contain any proprietary data or other information not subject to public release. If such information is important to reporting progress, do not include the information, but include a note in the report advising the reader to contact the Principal Investigator or the Project Director for further information.
6. Cost Status. Show approved budget by budget period and actual costs incurred. If cost sharing is required break out by DOE share, recipient share, and total costs.
7. Schedule Status. List milestones, anticipated completion dates and actual completion dates. If you submitted a project management plan with your application, you must use this plan to report schedule and budget variance. You may use your own project management system to provide this information.
8. Any changes in approach or aims and reasons for change. Remember significant changes to the objectives and scope require prior approval by the contracting officer.
9. Actual or anticipated problems or delays and actions taken or planned to resolve them.
10. Any absence or changes of key personnel or changes in consortium/teaming arrangement.
11. A description of any product produced or technology transfer activities accomplished during this reporting period, such as:
 - A. Publications (list journal name, volume, issue); conference papers; or other public releases of results. Attach or send copies of public releases to the DOE Project Officer identified in Block 11 of the Notice of Financial Assistance Award.
 - B. Web site or other Internet sites that reflect the results of this project.

- C. Networks or collaborations fostered.
- D. Technologies/Techniques.
- E. Inventions/Patent Applications
- F. Other products, such as data or databases, physical collections, audio or video, software or netware, models, educational aid or curricula, instruments or equipment.

Special Status Report

The recipient must report the following events by e-mail as soon as possible after they occur:

1. Developments that have a significant favorable impact on the project.
2. Problems, delays, or adverse conditions which materially impair the recipient's ability to meet the objectives of the award or which may require DOE to respond to questions relating to such events from the public. The recipient must report any of the following incidents and include the anticipated impact and remedial action to be taken to correct or resolve the problem/condition:
 - a. Any single fatality or injuries requiring hospitalization of five or more individuals.
 - b. Any significant environmental permit violation.
 - c. Any verbal or written Notice of Violation of any Environmental, Safety, and Health statutes.
 - d. Any incident which causes a significant process or hazard control system failure.
 - e. Any event which is anticipated to cause a significant schedule slippage or cost increase.
 - f. Any damage to Government-owned equipment in excess of \$50,000.
 - g. Any other incident that has the potential for high visibility in the media.

B. SCIENTIFIC/TECHNICAL REPORTS

Final Scientific/Technical Report

Content. The final scientific/technical report must include the following information and any other information identified under Special Instructions on the Federal Assistance Reporting Checklist:

- 1 Identify the DOE award number; name of recipient; project title; name of project director/principal investigator; and consortium/teaming members.

2. Display prominently on the cover of the report any authorized distribution limitation notices, such as patentable material or protected data. Reports delivered without such notices may be deemed to have been furnished with unlimited rights, and the Government assumes no liability for the disclosure, use or reproduction of such reports.
3. Provide an executive summary, which includes a discussion of 1) how the research adds to the understanding of the area investigated; 2) the technical effectiveness and economic feasibility of the methods or techniques investigated or demonstrated; or 3) how the project is otherwise of benefit to the public. The discussion should be a minimum of one paragraph and written in terms understandable by an educated layman.
4. Provide a comparison of the actual accomplishments with the goals and objectives of the project.
5. Summarize project activities for the entire period of funding, including original hypotheses, approaches used, problems encountered and departure from planned methodology, and an assessment of their impact on the project results. Include, if applicable, facts, figures, analyses, and assumptions used during the life of the project to support the conclusions.
6. Identify products developed under the award and technology transfer activities, such as:
 - a. Publications (list journal name, volume, issue) conference papers, or other public releases of results. If not provided previously, attach or send copies of any public releases to the DOE Project Officer identified in Block 11 of the Notice of Financial Assistance Award;
 - b. Web site or other Internet sites that reflect the results of this project;
 - c. Networks or collaborations fostered;
 - d. Technologies/Techniques;
 - e. Inventions/Patent Applications, licensing agreements; and
 - f. Other products, such as data or databases, physical collections, audio or video, software or netware, models, educational aid or curricula, instruments or equipment.
7. For projects involving computer modeling, provide the following information with the final report:
 - a. Model description, key assumptions, version, source and intended use;
 - b. Performance criteria for the model related to the intended use;
 - c. Test results to demonstrate the model performance criteria were met (e.g., code verification/validation, sensitivity analyses, history matching with lab or field data, as appropriate);
 - d. Theory behind the model, expressed in non-mathematical terms;
 - e. Mathematics to be used, including formulas and calculation methods;

- f. Whether or not the theory and mathematical algorithms were peer reviewed, and, if so, include a summary of theoretical strengths and weaknesses;
- g. Hardware requirements; and
- h. Documentation (e.g., users guide, model code).

Electronic Submission. The final scientific/technical report must be submitted electronically-via the DOE Energy Link System (E-Link) accessed at <http://www.osti.gov/mlink-2413>.

Electronic Format. Reports must be submitted in the ADOBE PORTABLE DOCUMENT FORMAT (PDF) and be one integrated PDF file that contains all text, tables, diagrams, photographs, schematic, graphs, and charts. Materials, such as prints, videos, and books, that are essential to the report but cannot be submitted electronically, should be sent to the Contracting Officer at the address listed in Block 12 of the Notice of Financial Assistance Award.

Submittal Form. The report must be accompanied by a completed electronic version of DOE Form 241.3, "U.S. Department of Energy (DOE), Announcement of Scientific and Technical Information (STI)." You can complete, upload, and submit the DOE F.241.3 online via E-Link. You are encouraged not to submit patentable material or protected data in these reports, but if there is such material or data in the report, you must: (1) clearly identify patentable or protected data on each page of the report; (2) identify such material on the cover of the report; and (3) mark the appropriate block in Section K of the DOE F 241.3. Reports must not contain any limited rights data (proprietary data), classified information, information subject to export control classification, or other information not subject to release. Protected data is specific technical data, first produced in the performance of the award that is protected from public release for a period of time by the terms of the award agreement.

Conference Papers/Proceedings

Content: The recipient must submit a copy of any conference papers/proceedings, with the following information: (1) Name of conference; (2) Location of conference; (3) Date of conference; and (4) Conference sponsor.

Electronic Submission. Scientific/technical conference paper/proceedings must be submitted electronically-via the DOE Energy Link System (E-Link) at <http://www.osti.gov/mlink-2413>. Non-scientific/technical conference papers/proceedings must be sent to the URL listed on the Reporting Checklist.

Electronic Format. Conference papers/proceedings must be submitted in the ADOBE PORTABLE DOCUMENT FORMAT (PDF) and be one integrated PDF file that contains all text, tables, diagrams, photographs, schematic, graphs, and charts. If the proceedings cannot be submitted electronically, they should be sent to the DOE Administrator at the address listed in Block 12 of the Notice of Financial Assistance Award.

Submittal Form. Scientific/technical conference papers/proceedings must be accompanied by a completed DOE Form 241.3. The form and instructions are available on E-Link at <http://www.osti.gov/mlink-2413>. This form is not required for non-scientific or non-technical conference papers or proceedings.

Software/Manual

Content. Unless otherwise specified in the award, the following must be delivered: source code, the executable object code and the minimum support documentation needed by a competent user to understand and use the software and to be able to modify the software in subsequent development efforts.

Electronic Submission. Submissions may be submitted electronically via the DOE Energy Link System (E-Link) at <http://www.osti.gov/estsc/241-4pre.jsp>. They may also be submitted via regular mail to:

Energy Science and Technology Software Center
P.O. Box 1020
Oak Ridge, TN 37831

Submittal Form. Each software deliverable and its manual must be accompanied by a completed DOE Form 241.4 "Announcement of U.S. Department of Energy Computer Software." The form and instructions are available on E-Link at <http://www.osti.gov/estsc/241-4pre.sp>.

C. FINANCIAL REPORTING

Recipients must complete the financial reports identified on the Reporting Checklist in accordance with the report instructions. These standard forms are available at <http://www.whitehouse.gov/omb/grants/index.html>. Fillable forms are available at <http://grants.pr.doe.gov>.

D. CLOSEOUT REPORTS

Final Invention and Patent Report

The recipient must provide a DOE Form 2050.11, "PATENT CERTIFICATION." This form is available at <http://www.directives.doe.gov/pdfs/forms/2050-11.pdf> and http://management.energy.gov/business_doe/business_forms.htm

Property Certification

The recipient must provide the Property Certification, including the required inventories of non-exempt property, located at http://management.energy.gov/business_doe/business_forms.htm

E. OTHER REPORTING

Annual Indirect Cost Proposal and Reconciliation

Requirement. In accordance with the applicable cost principles, the recipient must submit an annual indirect cost proposal, reconciled to its financial statements, within six months after the close of the fiscal year, unless the award is based on a predetermined or fixed indirect rate(s) or a fixed amount for indirect or facilities and administration (F&A) costs.

Cognizant Agency. The recipient must submit its annual indirect cost proposal directly to the cognizant agency for negotiating and approving indirect costs. If the DOE awarding office is the cognizant agency, submit the annual indirect cost proposal to the DOE Award Administrator identified in Block 12 of the Notice of Financial Assistance Award.

Annual Inventory of Federally Owned Property

Requirement. If at any time during the award the recipient is provided Government-furnished property or acquires property with project funds and the award specifies that the property vests in the Federal Government (i.e. federally owned property), the recipient must submit an annual inventory of this property to the DOE Award Administrator identified in Block 12 of the Notice of Financial Assistance Award no later than October 30th of each calendar year, to cover an annual reporting period ending on the preceding September 30th.

Content of Inventory. The inventory must include a description of the property, tag number, acquisition date, location of property, and acquisition cost, if purchased with project funds. The report must list all federally owned property, including property located at subcontractor's facilities or other locations.

SPECIAL TERMS AND CONDITIONS

1. RESOLUTION OF CONFLICTING CONDITIONS

Any apparent inconsistency between Federal statutes and regulations and the terms and conditions contained in this award must be referred to the DOE Award Administrator for guidance.

2. AWARD AGREEMENT TERMS AND CONDITIONS

This award/agreement consists of the Grant and Cooperative Agreement Cover Page, plus the following:

- a. Special Terms and Conditions.
- b. Attachments:

Attachment Number	Title
1.	Statement of Project Objectives
2.	Federal Assistance Reporting Checklist and Instructions
3.	Budget Pages (SF 424A)
- c. Program regulations, if applicable.
- d. DOE Assistance Regulations, 10 CFR Part 600 at <http://ecfr.gpoaccess.gov>.
- e. Application/proposal as approved by DOE.
- f. National Policy Assurances to Be Incorporated as Award Terms in effect on date of award at http://management.energy.gov/business_doe/1374.htm.

3. ELECTRONIC AUTHORIZATION OF AWARD DOCUMENTS

Acknowledgement of award documents by the Recipient's authorized representative through electronic systems used by the Department of Energy, specifically FedConnect, constitutes the Recipient's acceptance of the terms and conditions of the award. Acknowledgement via FedConnect by the Recipient's authorized representative constitutes the Recipient's electronic signature.

4. PAYMENT PROCEDURES - ADVANCES THROUGH THE AUTOMATED STANDARD APPLICATION FOR PAYMENTS (ASAP) SYSTEM

- a. Method of Payment. Payment will be made by advances through the Department of Treasury's ASAP system.
- b. Requesting Advances. Requests for advances must be made through the ASAP system. You may submit requests as frequently as required to meet your needs to disburse funds for the Federal share of project costs. If feasible, you should time each request so that you receive payment on the same day that you disperse funds for direct project costs and the proportionate share of any allowable indirect costs. If same-day transfers are not

feasible, advance payments must be as close to actual disbursements as administratively feasible.

- c. Adjusting payment requests for available cash. You must disburse any funds that are available from repayments to and interest earned on a revolving fund, program income, rebates, refunds, contract settlements, audit recoveries, credits, discounts, and interest earned on any of those funds before requesting additional cash payments from DOE.
- d. Payments. All payments are made by electronic funds transfer to the bank account identified on the ASAP Bank Information Form that you filed with the U.S. Department of Treasury.

5. INCREMENTAL FUNDING AND MAXIMUM OBLIGATION

This award is funded on an incremental basis. The maximum obligation of DOE is limited to the amount shown on Agreement Cover Page. You are not obligated to continue performance of the project beyond the total amount obligated and your pro rata share of the project costs, if cost sharing is required. Additional funding is contingent upon the availability of appropriated funds and substantial progress towards meeting the objectives of the award.

6. CEILING ON ADMINISTRATIVE COSTS

- a. Local government and Indian Tribe Recipients may not use more than 10 percent of amounts provided under this program, or \$75,000, whichever is greater (EISA Sec 545 (b)(3)(A), for administrative expenses, excluding the costs of meeting the reporting requirements under Title V, Subtitle E of EISA. These costs should be captured and summarized for each activity under the Projected Costs Within Budget: Administration.
- b. Recipients are expected to manage their administrative costs. DOE will not amend an award solely to provide additional funds for changes in administrative costs. The Recipient shall not be reimbursed on this project for any final administrative costs that are in excess of the designated 10 percent administrative cost ceiling. In addition, the Recipient shall neither count costs in excess of the administrative cost ceiling as cost share, nor allocate such costs to other federally sponsored project, unless approved by the Contracting Officer.

7. LIMITATIONS ON USE OF FUNDS

- a. Local government and Indian Tribe Recipients may not use more than 20 percent or \$250,000, whichever is greater (EISA Sec 545 (b)(3)(B), for the establishment of revolving loan funds.
- b. Local government and Indian Tribe Recipients may not use more than 20 percent or \$250,000, whichever is greater (EISA Sec 545 (b)(3)(C), for subgrants to nongovernmental organizations for the purpose of assisting in the implementation of the energy efficiency and conservation strategy of the eligible unit of local government or Indian tribe.

8. REIMBURSABLE INDIRECT COSTS AND FRINGE BENEFITS COSTS

- a. The Recipient is expected to manage their final negotiated project budgets, including their indirect costs and fringe benefit costs. DOE will not amend an award solely to provide additional funds for changes in the indirect and/or fringe benefit costs or for changes in rates used for calculating these costs. DOE recognizes that the inability to obtain full reimbursement for indirect or fringe benefit costs means the Recipient must absorb the underrecovery. Such underrecovery may be allocated as part of the Recipient's cost share.
- b. If actual allowable indirect and/or fringe benefit costs are less than those budgeted and funded under the award, the Recipient may use the difference to pay additional allowable direct costs during the project period. If at the completion of the award the Government's share of total allowable costs (i.e., direct and indirect), is less than the total costs reimbursed, the Recipient must refund the difference.

9. USE OF PROGRAM INCOME

If you earn program income during the project period as a result of this award, you may add the program income to the funds committed to the award and used to further eligible project objectives.

10. STATEMENT OF FEDERAL STEWARDSHIP

DOE will exercise normal Federal stewardship in overseeing the project activities performed under this award. Stewardship activities include, but are not limited to, conducting site visits; reviewing performance and financial reports; providing technical assistance and/or temporary intervention in unusual circumstances to correct deficiencies which develop during the project; assuring compliance with terms and conditions; and reviewing technical performance after project completion to ensure that the award objectives have been accomplished.

11. SITE VISITS

DOE's authorized representatives have the right to make site visits at reasonable times to review project accomplishments and management control systems and to provide technical assistance, if required. You must provide, and must require your subawardees to provide, reasonable access to facilities, office space, resources, and assistance for the safety and convenience of the government representatives in the performance of their duties. All site visits and evaluations must be performed in a manner that does not unduly interfere with or delay the work.

12. REPORTING REQUIREMENTS

- a. Requirements. The reporting requirements for this award are identified on the Federal Assistance Reporting Checklist, DOE F 4600.2, attached to this award. Failure to comply with these reporting requirements is considered a material noncompliance with the terms of the award. Noncompliance may result in withholding of future payments, suspension or termination of the current award, and withholding of future awards. A willful failure to perform, a history of failure to perform, or unsatisfactory performance of this and/or other financial assistance awards, may also result in a debarment action to preclude future awards by Federal agencies.
- b. Additional Recovery Act Reporting Requirements are found in the Provision below labeled: "REPORTING AND REGISTRATION REQUIREMENTS UNDER SECTION 1512 OF THE RECOVERY ACT."

13. PUBLICATIONS

- a. You are encouraged to publish or otherwise make publicly available the results of the work conducted under the award.
- b. An acknowledgment of DOE support and a disclaimer must appear in the publication of any material, whether copyrighted or not, based on or developed under this project, as follows:

Acknowledgment: "This material is based upon work supported by the Department of Energy [National Nuclear Security Administration] [add name(s) of other agencies, if applicable] under Award Number(s) [enter the award number(s)]."

Disclaimer: "This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof."

14. FEDERAL, STATE, AND MUNICIPAL REQUIREMENTS

You must obtain any required permits and comply with applicable federal, state, and municipal laws, codes, and regulations for work performed under this award.

15. LOBBYING RESTRICTIONS

By accepting funds under this award, you agree that none of the funds obligated on the award shall be expended, directly or indirectly, to influence congressional action on any legislation or appropriation matters pending before Congress, other than to communicate to Members of Congress as described in 18 U.S.C. 1913. This restriction is in addition to those prescribed elsewhere in statute and regulation.

16. STAGED DISBURSEMENT

- a. The total funding allocation for this award, shown in Block 12 of the Agreement Cover Page, is anticipated to be obligated according to a staged disbursement schedule because the Recipient is required to submit an Energy Efficiency Conservation Strategy (EECS) and other application requirements for DOE review and approval. All funds must be obligated/committed within 18 months of the effective date of the award and expended within 36 months of the effective date of the award.
 1. The initial disbursement of funds, shown in Block 13 of the Agreement Cover Page, is obligated on the award for the Recipient to develop the EECS and approved activities.
 2. Within 120 days of the award date shown in Block 27 of the Agreement Cover Page, The Recipient must submit the following requirements for DOE's review. Upon receipt of these requirements, DOE will review the submissions and finalize negotiations with the Recipient.
 - Energy Efficiency Conservation Strategy (EECS).
 - Project Activity Sheets that correspond with the EECS.
 - Budget
 - Budget Justification
 - NEPA forms, if applicable.
 3. After the parties complete negotiations of all final special terms and conditions for this award, the Contracting Officer will modify this award and obligate 50% of the total remaining funding (total allocation minus the amount obligated for this award) for payment of costs incurred by the Recipient, in accordance with the payment provisions contained in the Special Terms and Conditions. The Recipient may then receive payment for allowable costs incurred or recognize costs incurred toward cost share requirements, as applicable, in accordance with the payment provisions.

4. Project performance will be monitored and corrective action taken, as necessary, to ensure acceptable performance under the award. The balance of funding will be obligated after one or more progress reviews in which the Recipient must demonstrate that it has made satisfactory progress on their activities, obligated funds appropriately, complied with reporting requirements, and created jobs. After each progress review where DOE determines the Recipient has satisfied the requirements, the Contracting Officer will approve modifications of the award and obligate the remaining 50% of the residual allocation amount in appropriate increments.
- b. The funds currently obligated on the award are shown in Block 13 of the Agreement Cover Page and show the availability of funds to the Recipient for payment of costs incurred by the Recipient. No additional funds will be disbursed to the Recipient for payment, and DOE does not guarantee or assume any obligation to reimburse costs incurred by the Recipient, until the requirements are met for each stage of the EECS process.
- c. Failure by the Recipient to provide an Energy Efficiency Conservation Strategy (EECS) within 120 of the award date shown in Block 27 of the Agreement Cover Page to the Contracting Officer will be deemed a Noncompliance pursuant to 10 CFR 600.24. Failure by the Recipient to demonstrate acceptable performance under the award will also be deemed as a Noncompliance. If a noncompliance with the award occurs, the Contracting Officer may unilaterally terminate or suspend this award and deobligate the amounts obligated. In such case, the Recipient shall not be reimbursed for costs incurred at the Recipient's risk, as described in paragraph b. above.

17. NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) REQUIREMENTS

You are restricted from taking any action using Federal funds, which would have an adverse effect on the environment or limit the choice of reasonable alternatives prior to DOE providing either a NEPA clearance or a final NEPA decision regarding this project. This restriction does not preclude you from developing, establishing, planning, or an Energy Efficiency & Conservation Strategy (EECS).

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

If this award includes construction activities, you must submit an environmental evaluation report/evaluation notification form addressing NEPA issues prior to DOE initiating the NEPA process.

18. DECONTAMINATION AND/OR DECOMMISSIONING (D&D) COSTS

Notwithstanding any other provisions of this Agreement, the Government shall not be responsible for or have any obligation to the Recipient for (i) Decontamination and/or

Decommissioning (D&D) of any of the Recipient's facilities, or (ii) any costs which may be incurred by the Recipient in connection with the D&D of any of its facilities due to the performance of the work under this Agreement, whether said work was performed prior to or subsequent to the effective date of the Agreement.

19. SPECIAL PROVISIONS RELATING TO WORK FUNDED UNDER AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (May 2009)

Preamble

The American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, (Recovery Act) was enacted to preserve and create jobs and promote economic recovery, assist those most impacted by the recession, provide investments needed to increase economic efficiency by spurring technological advances in science and health, invest in transportation, environmental protection, and other infrastructure that will provide long-term economic benefits, stabilize State and local government budgets, in order to minimize and avoid reductions in essential services and counterproductive State and local tax increases. Recipients shall use grant funds in a manner that maximizes job creation and economic benefit.

The Recipient shall comply with all terms and conditions in the Recovery Act relating generally to governance, accountability, transparency, data collection and resources as specified in Act itself and as discussed below.

Recipients should begin planning activities for their first tier subrecipients, including obtaining a DUNS number (or updating the existing DUNS record), and registering with the Central Contractor Registration (CCR).

Be advised that Recovery Act funds can be used in conjunction with other funding as necessary to complete projects, but tracking and reporting must be separate to meet the reporting requirements of the Recovery Act and related guidance. For projects funded by sources other than the Recovery Act, Contractors must keep separate records for Recovery Act funds and to ensure those records comply with the requirements of the Act.

The Government has not fully developed the implementing instructions of the Recovery Act, particularly concerning specific procedural requirements for the new reporting requirements. The Recipient will be provided these details as they become available. The Recipient must comply with all requirements of the Act. If the recipient believes there is any inconsistency between ARRA requirements and current award terms and conditions, the issues will be referred to the Contracting Officer for reconciliation.

Definitions

For purposes of this clause, Covered Funds means funds expended or obligated from appropriations under the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5. Covered Funds will have special accounting codes and will be identified as Recovery Act funds in the grant, cooperative agreement or TIA and/or modification using Recovery Act funds.

Covered Funds must be reimbursed by September 30, 2015.

Non-Federal employer means any employer with respect to covered funds -- the contractor, subcontractor, grantee, or recipient, as the case may be, if the contractor, subcontractor, grantee, or recipient is an employer; and any professional membership organization, certification of other professional body, any agent or licensee of the Federal government, or any person acting directly or indirectly in the interest of an employer receiving covered funds; or with respect to covered funds received by a State or local government, the State or local government receiving the funds and any contractor or subcontractor receiving the funds and any contractor or subcontractor of the State or local government; and does not mean any department, agency, or other entity of the federal government.

Recipient means any entity that receives Recovery Act funds directly from the Federal government (including Recovery Act funds received through grant, loan, or contract) other than an individual and includes a State that receives Recovery Act Funds.

Special Provisions

A. Flow Down Requirement

Recipients must include these special terms and conditions in any subaward.

B. Segregation of Costs

Recipients must segregate the obligations and expenditures related to funding under the Recovery Act. Financial and accounting systems should be revised as necessary to segregate, track and maintain these funds apart and separate from other revenue streams. No part of the funds from the Recovery Act shall be commingled with any other funds or used for a purpose other than that of making payments for costs allowable for Recovery Act projects.

C. Prohibition on Use of Funds

None of the funds provided under this agreement derived from the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, may be used by any State or local government, or any private entity, for any casino or other gambling establishment, aquarium, zoo, golf course, or swimming pool.

D. Access to Records

With respect to each financial assistance agreement awarded utilizing at least some of the funds appropriated or otherwise made available by the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, any representative of an appropriate inspector general appointed under section 3 or 8G of the Inspector General Act of 1988 (5 U.S.C. App.) or of the Comptroller General is authorized

(1) to examine any records of the contractor or grantee, any of its subcontractors or subgrantees, or any State or local agency administering such contract that pertain to, and involve transactions that relate to, the subcontract, subcontract, grant, or subgrant; and

(2) to interview any officer or employee of the contractor, grantee, subgrantee, or agency regarding such transactions.

E. Publication

An application may contain technical data and other data, including trade secrets and/or privileged or confidential information, which the applicant does not want disclosed to the public or used by the Government for any purpose other than the application. To protect such data, the applicant should specifically identify each page including each line or paragraph thereof containing the data to be protected and mark the cover sheet of the application with the following Notice as well as referring to the Notice on each page to which the Notice applies:

Notice of Restriction on Disclosure and Use of Data

The data contained in pages ---- of this application have been submitted in confidence and contain trade secrets or proprietary information, and such data shall be used or disclosed only for evaluation purposes, provided that if this applicant receives an award as a result of or in connection with the submission of this application, DOE shall have the right to use or disclose the data here to the extent provided in the award. This restriction does not limit the Government's right to use or disclose data obtained without restriction from any source, including the applicant.

Information about this agreement will be published on the Internet and linked to the website www.recovery.gov, maintained by the Accountability and Transparency Board. The Board may exclude posting contractual or other information on the website on a case-by-case basis when necessary to protect national security or to protect information that is not subject to disclosure under sections 552 and 552a of title 5, United States Code.

F. Protecting State and Local Government and Contractor Whistleblowers.

The requirements of Section 1553 of the Act are summarized below. They include, but are not limited to:

Prohibition on Reprisals: An employee of any non-Federal employer receiving covered funds under the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, may not be discharged, demoted, or otherwise discriminated against as a reprisal for disclosing, including a disclosure made in the ordinary course of an employee's duties, to the Accountability and Transparency Board, an inspector general, the Comptroller General, a member of Congress, a State or Federal regulatory or law enforcement agency, a person with supervisory authority over the employee (or other person working for the employer who has the authority to investigate, discover or terminate misconduct), a court or grant jury, the head of a Federal agency, or their

representatives information that the employee believes is evidence of:

- gross management of an agency contract or grant relating to covered funds;
- a gross waste of covered funds;
 - a substantial and specific danger to public health or safety related to the implementation or use of covered funds;
- an abuse of authority related to the implementation or use of covered funds; or
- as violation of law, rule, or regulation related to an agency contract (including the competition for or negotiation of a contract) or grant, awarded or issued relating to covered funds.

Agency Action: Not later than 30 days after receiving an inspector general report of an alleged reprisal, the head of the agency shall determine whether there is sufficient basis to conclude that the non-Federal employer has subjected the employee to a prohibited reprisal. The agency shall either issue an order denying relief in whole or in part or shall take one or more of the following actions:

- Order the employer to take affirmative action to abate the reprisal.
- Order the employer to reinstate the person to the position that the person held before the reprisal, together with compensation including back pay, compensatory damages, employment benefits, and other terms and conditions of employment that would apply to the person in that position if the reprisal had not been taken.
- Order the employer to pay the employee an amount equal to the aggregate amount of all costs and expenses (including attorneys' fees and expert witnesses' fees) that were reasonably incurred by the employee for or in connection with, bringing the complaint regarding the reprisal, as determined by the head of a court of competent jurisdiction.

Non-enforceability of Certain Provisions Waiving Rights and remedies or Requiring Arbitration: Except as provided in a collective bargaining agreement, the rights and remedies provided to aggrieved employees by this section may not be waived by any agreement, policy, form, or condition of employment, including any predispute arbitration agreement. No predispute arbitration agreement shall be valid or enforceable if it requires arbitration of a dispute arising out of this section.

Requirement to Post Notice of Rights and Remedies: Any employer receiving covered funds under the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, shall post notice of the rights and remedies as required therein. (Refer to section 1553 of the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, www.Recovery.gov, for specific requirements of this section and prescribed language for the notices.).

G. Reserved

H. False Claims Act

Recipient and sub-recipients shall promptly refer to the DOE or other appropriate Inspector General any credible evidence that a principal, employee, agent, contractor, sub-grantee, subcontractor or other person has submitted a false claim under the False Claims Act or has committed a criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery,

gratuity or similar misconduct involving those funds.

I. Information in Support of Recovery Act Reporting

Recipient may be required to submit backup documentation for expenditures of funds under the Recovery Act including such items as timecards and invoices. Recipient shall provide copies of backup documentation at the request of the Contracting Officer or designee.

J. Availability of Funds

Funds obligated to this award are available for reimbursement of costs until 36 months after the award date.

K. Certifications

With respect to funds made available to State or local governments for infrastructure investments under the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, the Governor, mayor, or other chief executive, as appropriate, certified by acceptance of this award that the infrastructure investment has received the full review and vetting required by law and that the chief executive accepts responsibility that the infrastructure investment is an appropriate use of taxpayer dollars. Recipient shall provide an additional certification that includes a description of the investment, the estimated total cost, and the amount of covered funds to be used for posting on the Internet. A State or local agency may not receive infrastructure investment funding from funds made available by the Act unless this certification is made and posted.

20. REPORTING AND REGISTRATION REQUIREMENTS UNDER SECTION 1512 OF THE RECOVERY ACT

(a) This award requires the recipient to complete projects or activities which are funded under the American Recovery and Reinvestment Act of 2009 (Recovery Act) and to report on use of Recovery Act funds provided through this award. Information from these reports will be made available to the public.

(b) The reports are due no later than ten calendar days after each calendar quarter in which the Recipient receives the assistance award funded in whole or in part by the Recovery Act.

(c) Recipients and their first-tier subrecipients must maintain current registrations in the Central Contractor Registration (<http://www.ccr.gov>) at all times during which they have active federal awards funded with Recovery Act funds. A Dun and Bradstreet Data Universal Numbering System (DUNS) Number (<http://www.dnb.com>) is one of the requirements for registration in the Central Contractor Registration.

(d) The recipient shall report the information described in section 1512(c) of the Recovery Act using the reporting instructions and data elements that will be provided online at <http://www.FederalReporting.gov> and ensure that any information that is pre-filled is corrected or updated as needed.

21. NOTICE REGARDING THE PURCHASE OF AMERICAN-MADE EQUIPMENT AND PRODUCTS -- SENSE OF CONGRESS

It is the sense of the Congress that, to the greatest extent practicable, all equipment and products purchased with funds made available under this award should be American-made.

*Special Note: Definitization of the Provisions entitled, "REQUIRED USE OF AMERICAN IRON, STEEL, AND MANUFACTURED GOODS – SECTION 1605 OF THE AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009" and "REQUIRED USE OF AMERICAN IRON, STEEL, AND MANUFACTURED GOODS (COVERED UNDER INTERNATIONAL AGREEMENTS) – SECTION 1605 OF THE AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009" will be done upon definition and review of final activities.

22. REQUIRED USE OF AMERICAN IRON, STEEL, AND MANUFACTURED GOODS – SECTION 1605 OF THE AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

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

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

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

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

(2) *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.

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

(b) *Domestic preference.* (1) This award term and condition implements Section 1605 of the American Recovery and Reinvestment Act of 2009 (Recovery Act) (Pub. L. 111–5), by requiring that all iron, steel, and manufactured goods used in the project are produced in the United States except as provided in paragraph (b)(3) and (b)(4) of this section and condition.

(2) This requirement does not apply to the material listed by the Federal Government as follows:

To Be Determined

(3) The award official may add other iron, steel, and/or manufactured goods to the list in paragraph (b)(2) of this section and condition if the Federal Government determines that—

(i) The cost of the domestic iron, steel, and/or manufactured goods would be unreasonable. The cost of domestic iron, steel, or manufactured goods used in the project is unreasonable when the cumulative cost of such material will increase the cost of the overall 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 quantities and 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 .* (1)(i) Any recipient request to use foreign iron, steel, and/or manufactured goods in accordance with paragraph (b)(3) 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)(3) 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, and/or manufactured goods material 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 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 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 is noncompliant with section 1605 of the American Recovery and Reinvestment Act.

(d) *Data.* To permit evaluation of requests under paragraph (b) of this section based on unreasonable cost, the Recipient 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)*
<i>Item 1:</i>			
Foreign steel, iron, or manufactured good			
Domestic steel, iron, or manufactured good			
<i>Item 2:</i>			
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.

23. 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:

To Be Determined

(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)*
<i>Item 1:</i>			
Foreign steel, iron, or manufactured good			
Domestic steel, iron, or manufactured good			
<i>Item 2:</i>			
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.

24. 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.

25. 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.

26. DAVIS BACON ACT REQUIREMENTS

Note: Where necessary to make the context of these articles applicable to this award, the term "Contractor" shall mean "Recipient" and the term "Subcontractor" shall mean "Subrecipient or Subcontractor" per the following definitions.

Recipient means the organization, individual, or other entity that receives an award from DOE and is financially accountable for the use of any DOE funds or property provided for the performance of the project, and is legally responsible for carrying out the terms and conditions of the award.

Subrecipient means the legal entity to which a subaward is made and which is accountable to the recipient for the use of the funds provided. The term may include foreign or international organizations (such as agencies of the United Nations).

Davis-Bacon Act

(a) Definition.--"Site of the work"--

(1) Means--

(i) The primary site of the work. The physical place or places where the construction called for in the award will remain when work on it is completed; and

(ii) The secondary site of the work, if any. Any other site where a significant portion of the building or work is constructed, provided that such site is--

(A) Located in the United States; and

(B) Established specifically for the performance of the award or project;

(2) Except as provided in paragraph (3) of this definition, includes any fabrication plants, mobile factories, batch plants, borrow pits, job headquarters, tool yards, etc., provided--

(i) They are dedicated exclusively, or nearly so, to performance of the award or project; and

(ii) They are adjacent or virtually adjacent to the "primary site of the work" as defined in paragraph (a)(1)(i), or the "secondary site of the work" as defined in paragraph (a)(1)(ii) of this definition;

(3) Does not include permanent home offices, branch plant establishments, fabrication plants, or tool yards of a Contractor or subcontractor whose locations and continuance in operation are determined wholly without regard to a particular Federal award or project. In addition, fabrication plants, batch plants, borrow pits, job headquarters, yards, etc., of a commercial or material supplier which are established by a supplier of materials for the project before opening of bids and not on the Project site, are not included in the "site of the work." Such permanent, previously established facilities are not a part of the "site of the work" even if the operations for a period of time may be dedicated exclusively or nearly so, to the performance of a award.

(b) (1) All laborers and mechanics employed or working upon the site of the work 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, or as may be incorporated for a secondary site of the work, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics. Any wage determination incorporated for a secondary site of the work shall be effective from the first day on which work under the award was performed at that site and shall be incorporated without any adjustment in award price or estimated cost. Laborers employed by the construction Contractor or construction subcontractor that are transporting portions of the building or work between the secondary site of the work and the primary site of the work shall be paid in accordance with the wage determination applicable to the primary site of the work.

(2) 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 (e) of this article; 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 period.

(3) Such laborers and mechanics shall be paid not less than the appropriate wage rate and fringe benefits in the wage determination for the classification of work actually performed, without regard to skill, except as provided in the article entitled Apprentices and Trainees. 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.

(4) The wage determination (including any additional classifications and wage rates conformed under paragraph (c) of this article) 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.

(c) (1) The Contracting Officer shall require that any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the award 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 all the following criteria have been met:

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

(ii) The classification is utilized in the area by the construction industry.

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

(2) 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
Employment Standards Administration
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.

(3) 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 of the Wage and Hour Division

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.

(4) The wage rate (including fringe benefits, where appropriate) determined pursuant to subparagraphs (c)(2) and (c)(3) of this article shall be paid to all workers performing work in the classification under this award from the first day on which work is performed in the classification.

(d) Whenever the minimum wage rate prescribed in the award 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.

(e) 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.

*Note: Upon submission and approval of the EECBG activities, the appropriate wage rate determination will be incorporated in the award.

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 included as an attachment to this award. These wage rates are minimum rates and are not intended to represent the actual wage rates that the Contractor may have to pay.

Payrolls and Basic Records

(a) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of 3 years thereafter for all laborers and mechanics working at the site of the work. 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 paragraph (d) of the article entitled Davis-Bacon Act, 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.

(b)(1) The Contractor shall submit weekly for each week in which any award work is performed a copy of all payrolls to the Contracting Officer. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under paragraph (a) of this article. This information may be submitted in any form desired. Optional Form WH-347 (Federal Stock Number 029-005-00014-1) is available for this purpose and may be purchased from the --

Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402

The Prime Contractor is responsible for the submission of copies of payrolls by all subcontractors.

(2) 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 award and shall certify --

(i) That the payroll for the payroll period contains the information required to be maintained under paragraph (a) of this article and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the award 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 the Regulations, 29 CFR Part 3; and

(iii) 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 award.

(3) 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 subparagraph (b)(2) of this article.

(4) The falsification of any of the certifications in this article 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.

(c) The Contractor or subcontractor shall make the records required under paragraph (a) of this article available for inspection, copying, or transcription by the Contracting Officer or authorized representatives of the Contracting Officer or the Department of Labor. The Contractor or subcontractor shall permit the Contracting Officer or representatives of the Contracting Officer or the Department of Labor to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit required records or to make them available, the Contracting Officer may, after written notice to the Contractor, take such action as may be necessary to cause the suspension of any further payment. 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.

Withholding of Funds

The Contracting Officer shall, upon his or her 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 award or any other Federal award with the same Prime Contractor, or any other federally assisted award 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 award. 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, all or part of the wages required by the award, the Contracting Officer may, after written notice to the Contractor, 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.

Apprentices and Trainees

(a) Apprentices.

(1) An apprentice will be permitted to work at less than the predetermined rate for the work they performed when they are employed--

(i) 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 and Training, Employer, and Labor Services (OATELS) or with a State Apprenticeship Agency recognized by the OATELS; or

(ii) In the first 90 days of probationary employment as an apprentice in such an apprenticeship program, even though not individually registered in the program, if certified by the OATELS or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

(2) 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.

(3) Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph (a)(1) of this article, shall be paid not less than the applicable 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.

(4) 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 journeyman hourly rate specified in the applicable wage determination.

(5) 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.

(6) In the event OATELS, or a State Apprenticeship Agency recognized by OATELS, 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.

(b) Trainees.

(1) 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, Office of Apprenticeship Training, Employer, and Labor Services (OATELS). The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by OATELS.

(2) 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 in 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 in 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 OATELS shall be paid not less than the applicable wage rate in 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 in the wage determination for the work actually performed.

(3) In the event OATELS 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.

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

Compliance with Copeland Act Requirements

The Contractor shall comply with the requirements of 29 CFR Part 3, which are hereby incorporated by reference in this award.

Subcontracts (Labor Standards)

(a) Definition. "Construction, alteration or repair," as used in this article means all types of work done by laborers and mechanics employed by the construction Contractor or construction subcontractor on a particular building or work at the site thereof, including without limitation--

(1) Altering, remodeling, installation (if appropriate) on the site of the work of items fabricated off-site;

(2) Painting and decorating;

(3) Manufacturing or furnishing of materials, articles, supplies, or equipment on the site of the building or work;

(4) Transportation of materials and supplies between the site of the work within the meaning of paragraphs (a)(1)(i) and (ii) of the "site of the work" as defined in the article entitled Davis Bacon Act of this award, and a facility which is dedicated to the construction of the building or work and is deemed part of the site of the work within the meaning of paragraph (2) of the "site of work" definition; and

(5) Transportation of portions of the building or work between a secondary site where a significant portion of the building or work is constructed, which is part of the "site of the work" definition in paragraph (a)(1)(ii) of the Davis-Bacon Act article, and the physical place or places where the building or work will remain (paragraph (a)(1)(i) of the Davis Bacon Act article, in the "site of the work" definition).

(b) The Contractor or subcontractor shall insert in any subcontracts for construction, alterations

and repairs within the United States the articles entitled--

- (1) Davis-Bacon Act;
- (2) Contract Work Hours and Safety Standards Act -- Overtime Compensation (if the article is included in this award);
- (3) Apprentices and Trainees;
- (4) Payrolls and Basic Records;
- (5) Compliance with Copeland Act Requirements;
- (6) Withholding of Funds;
- (7) Subcontracts (Labor Standards);
- (8) Contract Termination -- Debarment;
- (9) Disputes Concerning Labor Standards;
- (10) Compliance with Davis-Bacon and Related Act Regulations; and
- (11) Certification of Eligibility.

(c) The Prime Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor performing construction within the United States with all the award articles cited in paragraph (b).

(d)(1) Within 14 days after issuance of the award, the Contractor shall deliver to the Contracting Officer a completed Standard Form (SF) 1413, Statement and Acknowledgment, for each subcontract for construction within the United States, including the subcontractor's signed and dated acknowledgment that the articles set forth in paragraph (b) of this article have been included in the subcontract.

(2) Within 14 days after the award of any subsequently awarded subcontract the Contractor shall deliver to the Contracting Officer an updated completed SF 1413 for such additional subcontract.

(e) The Contractor shall insert the substance of this article, including this paragraph (e) in all subcontracts for construction within the United States.

Contract Termination -- Debarment

A breach of the award articles entitled Davis-Bacon Act, Contract Work Hours and Safety Standards Act -- Overtime Compensation, Apprentices and Trainees, Payrolls and Basic Records, Compliance with Copeland Act Requirements, Subcontracts (Labor Standards),

Compliance with Davis-Bacon and Related Act Regulations, or Certification of Eligibility may be grounds for termination of the whole award or in part for the Recovery Act covered work only, and for debarment as a Contractor and subcontractor as provided in 29 CFR 5.12.

Compliance with Davis-Bacon and Related Act Regulations

All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are hereby incorporated by reference in this award.

Disputes Concerning Labor Standards

The United States Department of Labor has set forth in 29 CFR Parts 5, 6, and 7 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes and Appeals as defined in 10 CFR 600.22. Disputes within the meaning of this article include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

Certification of Eligibility

(a) By entering into this award, 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 awards by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

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

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

Approval of Wage Rates

All straight time wage rates, and overtime rates based thereon, for laborers and mechanics engaged in work under this award must be submitted for approval in writing by the head of the contracting activity or a representative expressly designated for this purpose, if the straight time wages exceed the rates for corresponding classifications contained in the applicable Davis-Bacon Act minimum wage determination included in the award. Any amount paid by the Contractor to any laborer or mechanic in excess of the agency approved wage rate shall be at the expense of the Contractor and shall not be reimbursed by the Government. If the Government refuses to authorize the use of the overtime, the Contractor is not released from the obligation to pay employees at the required overtime rates for any overtime actually worked.