

# Request for Proposal – Lighting Upgrades City of Graham, Town of Elon, Town of Haw River, NC

This is a request for proposal (RFP) to upgrade and install new light fixtures, lamps, ballasts, Exit signs, and motion sensors in 11 buildings throughout the City of Graham, Town of Elon, and Town of Haw River, NC. The lighting upgrades include replacement of approximately 600 fixtures. The RFP is being funded in conjunction with the North Carolina Local Government Energy Efficiency Conservation Block Grant program #43A-2010EECBGLG1. The grant is financed with American Recovery and Reinvestment Act of 2009 (hereinafter, “ARRA”) funds.

A non-mandatory pre-bid meeting will be held on Monday, February 14, 2011 at 2:00pm, at the City of Graham Municipal Building, 201 South Main Street, Graham, NC 27253. **Sealed bids must be received no later than Wednesday, February 23, 2011 at 10:00am.** The lowest, responsive, responsible bidder will be notified within ten (10) business days after the close of bidding. Bids must be submitted on the attached bid form and/or on a substantially similar form that includes the same information as requested in the attached bid form.

Submittals should be addressed to:

**City of Graham  
Attn: Frankie Maness  
201 South Main Street  
PO Drawer 357  
Graham, NC 27253**

Proposals submitted via facsimile (FAX) machine, telephone, and/or other electronic means, including but not limited to e-mail, will **not be accepted.** One official, signed proposal and one copy of the proposal should be submitted in accordance with the following sections of the RFP:

- 1 Scope of the Proposal
- 2 Description of Work
- 3 General Requirements
- 4 Government Material
- 5 Period of Performance
- 6 Deliverables
- 7 Factors for Awards/Evaluation Criteria
- 8 Bid Worksheet
- 9 Attachment 1: Federal and State Terms and Conditions

The City of Graham will enter into a contract with the lowest, most responsible bidder. The City of Graham encourages proposals from small, minority and female-owned businesses; and does not discriminate on the basis of handicap status.

If you have any questions concerning the RFP, please do not hesitate to contact Frankie Maness at 336-570-6705 or [fmaness@cityofgraham.com](mailto:fmaness@cityofgraham.com).

# Request for Proposal – Lighting Upgrades City of Graham, Town of Elon, Town of Haw River, NC

## 1 SCOPE

### 1.1 Scope Overview.

The purpose of this project is to upgrade and install new light fixtures, lamps, ballasts, Exit signs, and motion sensor in 11 buildings throughout the City of Graham, Town of Elon, and Town of Haw River, NC. The lighting upgrades include replacement of approximately 600 fixtures. This scope involves labor, materials, and installation of lighting upgrades throughout the various buildings listed in the bid worksheet below. Construction activities shall include, but not be limited to:

- a) All labor associated with the lighting upgrades listed in the Replacement Schedule and the Bid Sheet below.
- b) All new and replacement materials for installation of new/upgraded lighting efforts.
- c) Contractor shall supply all required miscellaneous and incidental equipment, including wire, nuts, bolts, connectors, power transformers (if required).
- d) Price lighting units to find the most cost effective energy efficient light source that provides required lighting per the replacement schedule below.

### 1.2 Government Concept Design.

The general concept of this project is to replace and/or add fixtures and sensors as detailed in the replacement schedule and bid sheet below.

### 1.3 Affected Facilities

The project affects the following facilities:

- \* **City of Graham/Municipal Building** – 201 South Main Street, Graham
- \* **City of Graham/Police Department Building**– 216 South Maple Street, Graham
- \* **City of Graham/Library**–211 South Main Street, Graham
- \* **City of Graham/Recreation Building**– 311 College Street, Graham
- \* **City of Graham/Civic Center**– 503 McGee Street, Graham
- \* **City of Graham/Water Treatment Plant Building**– 1824 US Highway 70, Mebane
- \* **Town of Elon/Town Hall**– 104 S. Williamson Avenue, Elon
- \* **Town of Elon/Public Works Building**– 214 Johnson Street, Elon
- \* **Town of Haw River/Municipal Building**– 403 East Main Street, Haw River
- \* **Town of Haw River/Civic Center**– 110 Stone Street, Haw River
- \* **Town of Haw River/Police Department Building**– 105 Stone Street, Haw River

The Contractor is responsible for conducting site visits of these facilities prior to submitting a bid in order to ascertain existing conditions and material counts. **Bids shall be based on scope defined in the Bid Worksheet below.** There will be an opportunity to view the buildings after the pre-bid meeting, or you may call the following individuals to schedule a site visit:

- **City of Graham Facilities:** Frankie Maness, 336-570-6705
- **Town of Elon Facilities:** Sean Tencer, 336-584-2859
- **Town of Haw River Facilities:** Jeff Earp, 336-578-0784

# Request for Proposal – Lighting Upgrades City of Graham, Town of Elon, Town of Haw River, NC

## 1.4 Specified Materials

Contractor shall install appropriate lamps in place of existing lamps.

- a) Provide sensors, fixtures, AND lamps
- b) New units shall meet minimum IESNA lighting requirements for office, classroom, corridor, etc.
- c) For proposal purposes, use 4 lamp/ 4 ballast fixtures for all 2x4 fixtures
- d) If the vendor recommends de-lamping, ensure that IESNA minimum recommended light levels are maintained.
- e) This will allow the Owner to add lamps if minimum requirements are lower than desired levels.
- f) UL listed
- g) Mounting: match existing
- h) Lamp Access: from below
- i) Voltage: match existing
- j) Wattage: new 4' T8 lamps - 28 watt
- k) Refer to ARRA SEP T&C for special requirements

## 1.5 Replacement Schedule

<b>City of Graham</b>		
<i>Police Department Building</i>		
<b>Existing</b>	<b># of fixtures</b>	<b># of lamps</b>
T12 4' fixtures, recessed, magnetic ballast, 4 lamp	150	4
T12 8' fixtures, surface mount, magnetic ballast, 2 lamp	10	2
<b>New</b>	<b># of fixtures</b>	<b># of lamps</b>
T8 4' fixtures, recessed, electronic ballast, 4 lamp	150	4
T8 8' fixtures, surface mount, electronic ballasts, 2 lamp	10	2
<i>Recreation Building</i>		
<b>Existing</b>	<b># of fixtures</b>	<b># of lamps</b>
400w Metal Halide	30	1
<b>New</b>	<b># of fixtures</b>	<b># of lamps</b>
T5 HO 6 x 54w Fluorescent	24	6

# Request for Proposal – Lighting Upgrades City of Graham, Town of Elon, Town of Haw River, NC

<b>Town of Elon</b>		
<i><b>Town Hall</b></i>		
<b>Existing</b>	<b># of fixtures</b>	<b># of lamps</b>
T12 4' fixtures, magnetic ballast, 4 lamp	109	4
T12 4' fixtures, magnetic ballast, 2 lamp	13	2
T12 4' fixtures, magnetic ballast, 1 lamp	16	1
Exit Signs	6	1
Incandescent	5	1
Exterior 175w	6	1
<b>New</b>	<b># of fixtures</b>	<b># of lamps</b>
T8 4' fixtures, electronic ballast, 4 lamp	109	4
T8 4' fixtures, electronic ballast, 2 lamp	13	2
T8 4' fixtures, electronic ballast, 1 lamp	16	1
LED Exit Signs	6	1
CFL screw in	5	1
Exterior 40w	6	1
<i><b>Public Works Building</b></i>		
<b>Existing</b>	<b># of fixtures</b>	<b># of lamps</b>
T12 4' fixtures, magnetic ballast, 2 lamp	21	2
<b>New</b>	<b># of fixtures</b>	<b># of lamps</b>
T8 4' fixtures, electronic ballast, 2 lamp	21	2
<b>Town of Haw River</b>		
<i><b>Municipal Building</b></i>		
<b>Existing</b>	<b># of fixtures</b>	<b># of lamps</b>
T12 4' fixtures, magnetic ballast, 4 lamp	54	4
T12 4' fixtures, magnetic ballast, 2 lamp	69	2
Exit Signs	6	1
<b>New</b>	<b># of fixtures</b>	<b># of lamps</b>
T8 4' fixtures, electronic ballast, 4 lamp	54	4
T8 4' fixtures, electronic ballast, 2 lamp	69	2
LED Exit Signs	6	1
<i><b>Police Department</b></i>		
<b>Existing</b>	<b># of fixtures</b>	<b># of lamps</b>
T12 4' fixtures, magnetic ballast, 2 lamp	64	2
T12 2' fixtures, magnetic ballast, 2 lamp	6	2
Exit Signs	4	1
<b>New</b>	<b># of fixtures</b>	<b># of lamps</b>
T8 4' fixtures, electronic ballast, 2 lamp	64	2
T8 2' fixtures, electronic ballast, 2 lamp	6	2
LED Exit Signs	4	1

# Request for Proposal – Lighting Upgrades City of Graham, Town of Elon, Town of Haw River, NC

## 2 DESCRIPTION OF WORK

### 2.1 Mobilization

Contractor shall mobilize construction forces necessary to perform the identified activities within 30 days after approval of the Work Plan and related submittals.

### 2.2 Work Plan Requirements

Contractor shall conduct a pre-bid site visit and gather information for the development of a Work Plan. As part of the Work Plan and construction activities, Contractor shall identify and comply with all applicable federal, state, and local statutes. Contractor will also comply with applicable terms and conditions of the contract. The development of the Work Plan and the construction activities shall include but not be limited to the following:

#### 2.2.1 Work Plan Development

Contractor shall work with the City of Graham and appropriate staff to develop a Work Plan. This will include material approval and Buy-American certifications.

#### 2.2.2 Final Work Plan Submission

The Final Work Plan shall be submitted in hard copy or electronic format to the City of Graham for review and approval prior to implementation of construction activities.

### 2.3 Notice to Proceed (NTP)

Upon award and after receipt of the applicable proof of insurance (certification of liability and workers' compensation coverage up to \$1,000,000) and licensing, the City of Graham shall issue an NTP.

### 2.4 Material and Equipment Security

Contractor is responsible to ensure that all materials and equipment are properly secured at all times against man-made and/or natural events.

### 2.5 Contractor shall arrange for the following as needed

- a) A secure staging area for storing equipment and supplies pertinent to contract actions.
- b) Access to and provision of utilities as needed for design and construction efforts.
- c) Access and/or escort to all locales and structures necessary for design and construction efforts. Escorts will be government-provided. Contractor shall coordinate with the City of Graham.
- d) Work in and out of Police and Fire Department areas will require detailed coordination. Police areas have sensitive information and evidence that we must ensure is protected. Fire Department areas must be organized so that critical areas are unobstructed so that we do not compromise response time. These things can likely be coordinated with each Police and Fire Chief and the contractor.

### 2.6 Delivery and Warranty

If applicable, Contractor shall complete all inspection and commissioning requirements prior to final inspection. The warranty shall be issued in accordance with industry practice. Extended warranties offered by Contractor and its subcontractors or suppliers may be accepted at the Cities' discretion.

# **Request for Proposal – Lighting Upgrades City of Graham, Town of Elon, Town of Haw River, NC**

## **3 3.0 GENERAL REQUIREMENTS**

### **3.1 Documents**

Contractor shall prepare and submit work schedule. The City of Graham shall provide Contractor with any existing drawings/specifications related to the project.

### **3.2 Pre-Construction Meeting**

Contractor shall perform a pre-construction meeting to take place no later than ten (10) calendar days after issue of the contract. This meeting will include a complete overview of the project and will be presented to the relevant staff.

### **3.3 Notification of Problems**

Contractor shall immediately notify the City of Graham of all issues that may result in a delay of the project and/or impact quality of the work.

### **3.4 Refuse Disposal**

The contractor will be responsible for the removal and disposal of all currently installed materials. Contractor shall be responsible for hauling off and appropriately disposing of any trash, debris, etc. to an acceptable off-base facility for proper disposal. Contractor shall also be responsible for appropriately removing, processing, and/or disposing of hazardous materials encountered during execution of this contract in accordance with federal, state and local statutes and codes. Contractor will be responsible for providing the town with appropriate documentation regarding the disposal of all hazardous materials.

### **3.5 Asbestos-Containing Materials (ACM) and Lead-Based Paint (LBP)**

Any existing materials disturbed during construction that are suspect ACM and LBP shall be sampled and tested following all applicable federal, and local statutes and codes.

### **3.6 Accessibility**

To ensure the continuity of operations in all government offices, Contractor must be able to reach the job site within a reasonable timeframe, to be determined upon contract award, upon notification of any emergency during the construction phase of the project.

## **4 GOVERNMENT MATERIAL (GM)**

Contractor may be provided with documents, drawings, and general reference material upon request. However, these requests must be submitted directly to the City of Graham and may be refused if deemed unnecessary, security sensitive, or outside the scope of work.

# Request for Proposal – Lighting Upgrades City of Graham, Town of Elon, Town of Haw River, NC

## 5 PERIOD OF PERFORMANCE

Current plan is to have all work complete by 5-31-11

Working Hours: Monday through Friday 08:00 to 17:00

Saturday, Sunday, Holiday No Saturday, Sunday or Holiday work.

If there is something out of the ordinary we might work with an individual contractor on a case by case basis.

## 6 DELIVERABLES

The Contractor shall provide technical plans and reports as detailed below. Electronic submittals are preferred.

Deliverable	Format	Number	Frequency
Production Problem Report	Written/electronic	1	Same day as problem
Plan of Work/Material Approval	Written/electronic	1	Prior to installation
Work Schedule	Written/electronic	1	Weekly
As-Built Drawings (as needed)	Hard copy	1	End of project
Hazardous Waste Disposal Certificate	Hard copy	1	Upon disposal/receipt
Inspection Reports (Pre-Final & Final)	Hard copy	1	As completed

## 7 FACTORS FOR AWARDS/EVALUATION CRITERIA

The contract will be awarded to lowest, responsible, responsive bidder.

Please indicate in your bid proposal the following:

Is your organization registered with HUB office? Yes \_\_\_\_\_ No \_\_\_\_\_

Is your organization a minority contractor, small contractor, physically handicapped contractor, a woman contractor, a disabled business enterprise, or a non-profit work center for the blind and severely disabled? Yes \_\_\_\_\_ No \_\_\_\_\_

Please provide Certification of Liability and Workers' Compensation Insurance with the bid documentation. Contractors should be insured up to \$1,000,000 for both general liability and workers' compensation.

# Request for Proposal – Lighting Upgrades City of Graham, Town of Elon, Town of Haw River, NC

## 8 Bid Worksheet

Complete the form below for pricing.

Description (4)	Qty (4)	Unit Price (1)	Extended Price
<b>City of Graham</b>			
<i>Municipal Building</i>			
Occupancy Sensors (3)	10		
<i>Police Department Building</i>			
T8 4' fixtures, recessed, electronic ballast, 4 lamp	150		
T8 8' fixtures, surface mount, electronic ballasts, 2 lamp	10		
Occupancy Sensors (3)	4		
<i>Library</i>			
Occupancy Sensors (3)	2		
<i>Recreation Building</i>			
T5 HO 6 x 54w Fluorescent	24		
Occupancy Sensors (3)	10		
<i>Civic Center</i>			
Occupancy Sensors (3)	10		
<i>Water Treatment Plant Building</i>			
Occupancy Sensors (3)	10		
<b>Town of Elon</b>			
<i>Town Hall</i>			
T8 4' fixtures, electronic ballast, 4 lamp	109		
T8 4' fixtures, electronic ballast, 2 lamp	13		
T8 4' fixtures, electronic ballast, 1 lamp	16		
LED Exit Signs	6		
CFL screw in	5		
Exterior 40w	6		
Occupancy Sensors (3)	14		
<i>Public Works Building</i>			
T8 4' fixtures, electronic ballast, 2 lamp	21		
<b>Town of Haw River</b>			
<i>Municipal Building</i>			
T8 4' fixtures, electronic ballast, 2 lamp	54		
T8 4' fixtures, electronic ballast, 2 lamp	69		
LED Exit Signs	6		
Occupancy Sensors (3)	20		
<i>Civic Center</i>			
Occupancy Sensors (3)	4		
<i>Police Department</i>			
T8 4' fixtures, electronic ballast, 2 lamp	64		
T8 2' fixtures, electronic ballast, 2 lamp	6		
LED Exit Signs	4		
Occupancy Sensors (3)	4		
<b>TOTAL</b>			

Note:

1) Installed unit price. For fixtures, this includes the lamps.



# **Request for Proposal – Lighting Upgrades City of Graham, Town of Elon, Town of Haw River, NC**

- 2) Use 4 lamp/ 4 ballast fixtures for all 2x4 fixtures. Delamp to meet minimum IESNA requirements.
- 3) Occupancy sensors are for restrooms. Select model appropriate for restroom.
- 4) Verify quantities, sizes, model, etc. during walk through.

## **9 FEDERAL AND STATE TERMS AND CONDITIONS**

See Attachment 1 to this document.

## STATE ENERGY PROGRAM – RECOVERY FUNDS

### DOE AWARD AGREEMENT (DE-EE000157) 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 No.	Title
1	Intellectual Property Provisions
2	Federal Assistance Reporting Checklist
3	Budget Page(s)
4	SEP Narrative Information Worksheets
5	Wage Determinations

- c. Applicable program regulations, 10 CFR Part 420 at <http://ecfr.gpoaccess.gov>.
- 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](http://management.energy.gov/business_doe/1374.htm).

### 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.

### REBUDGETING AND RECOVERY OF INDIRECT COSTS - REIMBURSABLE INDIRECT COSTS AND FRINGE BENEFITS

- a. If actual allowable indirect costs are less than those budgeted and funded under the award, you 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, you must refund the difference.
- b. Recipients are expected to manage their indirect costs. DOE will not amend an award solely to provide additional funds for changes in indirect cost rates. DOE recognizes that the inability to obtain full reimbursement for indirect costs means the recipient must absorb the underrecovery. Such underrecovery may be allocated as part of the organization's required cost sharing.

### USE OF PROGRAM INCOME - ADDITION

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 use it to further eligible project objectives.

## **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.

## **SITE VISITS**

DOE-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. Grantee must 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.

## **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. Dissemination of scientific/technical reports. Scientific/technical reports submitted under this award will be disseminated on the Internet via the DOE Information Bridge ([www.osti.gov/bridge](http://www.osti.gov/bridge)), unless the report contains patentable material, protected data, or SBIR/STTR data. Citations for journal articles produced under the award will appear on the DOE Energy Citations Database ([www.osti.gov/energycitations](http://www.osti.gov/energycitations)).

c. Restrictions. Reports submitted to the DOE Information Bridge must not contain any Protected Personal Identifiable Information (PII), limited rights data (proprietary data), classified information, information subject to export control classification, or other information not subject to release.

## **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 Federal 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 under Award Number(s) *DE-EE0000157*."

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.

## **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.

## **INTELLECTUAL PROPERTY PROVISIONS AND CONTACT INFORMATION**

a. The intellectual property provisions applicable to this award are provided as an attachment to this award. A list of all intellectual property provisions may be found at [http://www.gc.doe.gov/financial\\_assistance\\_awards.htm](http://www.gc.doe.gov/financial_assistance_awards.htm).

b. Questions regarding intellectual property matters should be referred to the DOE Award Administrator and the Patent Counsel designated as the service provider for the DOE office that issued the award. The IP Service Providers List is found at [http://www.gc.doe.gov/documents/Intellectual\\_Property\\_\(IP\)\\_Service\\_Providers\\_for\\_Acquisition.pdf](http://www.gc.doe.gov/documents/Intellectual_Property_(IP)_Service_Providers_for_Acquisition.pdf).

## **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.

## **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.

## **PRESERVATION OF OPEN COMPETITION AND GOVERNMENT NEUTRALITY TOWARDS CONTRACTORS' LABOR RELATIONS ON FEDERALLY FUNDED CONSTRUCTION PROJECTS**

a. Unless in conflict with State or local laws, you must ensure that bid specifications, project agreement, or other controlling documents in construction contracts awarded pursuant to this agreement, or pursuant to a subaward to this agreement, do not:

1. Require or prohibit bidders, offerors, contractors, or subcontractors to enter into or adhere to agreements with one or more labor organizations, on the same or other related construction project(s); or

2. Otherwise discriminate against bidders, offerors, contractors, or subcontractors for becoming or refusing to become or remain signatories or otherwise to adhere to agreements with one or more labor organizations, on the same or other related construction project(s).

b. The term "construction contract" as used in this provision means any contract for the construction, rehabilitation, alteration, conversion, extension, or repair of buildings, highways, or other improvements to real property.

c. Nothing in this provision prohibits bidders, offerors, contractors, or subcontractors from voluntarily entering into agreements with labor organizations.

## **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 this Agreement.

## **SPECIAL PROVISIONS RELATING TO WORK FUNDED UNDER AMERICAN RECOVERY AND REINVESTMENT ACT OF 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. Grantee shall use grant funds in a manner that maximizes job creation and economic benefit.

Grantee 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.

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, Grantee, contractors, and subcontractors must keep separate records for Recovery Act funds and to ensure those records comply with the requirements of the Act.

The federal government has not fully developed the implementing instructions of the Recovery Act, particularly concerning specific procedural requirements for the new reporting requirements. Grantee will be provided these details as they become available. Grantee must comply with all requirements of the Act.

### Definitions

For purposes of these special provisions, 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, including the Grantee.

### 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 relation 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](http://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.

**Nonenforceability 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](http://www.Recovery.gov), for specific requirements of this section and prescribed language for the notices.). A form of the notice that meets the requirements of this section is located at the following internet address:

<http://www.recovery.gov/Contact/ReportFraud/Documents/Whistleblower+Poster.pdf>

#### G. Request for Reimbursement

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 or interest, bribery, gratuity or similar misconduct involving those funds.

#### I. Information in supporting 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 appropriated under the Recovery Act and obligated to this award are available for reimbursement of costs until September 30, 2015.

#### K. Additional Funding Distribution and Assurance of Appropriate Use of Funds

Certification by Governor -- Not later than April 3, 2009, for funds provided to any State or agency thereof by the American Reinvestment and Recovery Act of 2009, Pub. L. 111-5, the Governor of the State shall certify that: 1) the state will request and use funds provided by the Act; and 2) the funds will be used to create jobs and promote economic growth.

Acceptance by State Legislature -- If funds provided to any State in any division of the Act are not accepted for use by the Governor, then acceptance by the State legislature, by means of the adoption of a concurrent resolution, shall be sufficient to provide funding to such State.

Distribution – After adoption of a State legislature’s concurrent resolution, funding to the State will be for distribution to local governments, councils of government, public entities, and public-private entities within the State either by formula or at the State’s discretion.

#### L. 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.

### **REPORTING AND REGISTRATION REQUIREMENTS UNDER SECTION 1512 OF THE RECOVERY**

(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. Unless the SEO notifies the Grantee in writing that the SEO delegates the reporting responsibility to the Grantee, the SEO will assume responsibility for submitting these reports on behalf of Grantee; thus, Grantee shall submit its reports to the SEO no later than five calendar days after each calendar **month** in which Grantee receives the assistance award in the form designated by the SEO.

(c) Recipients and their first-tier recipients 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.

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

The following provisions apply only to public building(s) and public work(s) as defined below:

(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:

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None

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

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

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

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

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

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

(B) Unit of measure;

(C) Quantity;

(D) Cost;

(E) Time of delivery or availability;

(F) Location of the project;

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

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

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

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

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

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

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

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

**Foreign and Domestic Items Cost Comparison**

Description	Unit of measure	Quantity	Cost (dollars)*
<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.]*

**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.

## **NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) REQUIREMENTS**

You are restricted from taking any action using federal funds for projects under this award that would have an adverse effect on the environment or limit the choice of reasonable alternatives prior to DOE providing a final NEPA determination regarding these projects.

Prohibited project activities include (but are not limited to):

1. all boiler activities
2. steam systems and waste process systems

The project activities listed above and any activities not specifically authorized below will require an individual NEPA review and determination. You must submit an environmental questionnaire to the DOE Project Officer for each project activity identified above to allow DOE to conduct an individual NEPA review and determination.

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



**If DOE determines that NEPA requires the preparation of an environmental assessment (EA) or environmental impact statement (EIS) for a project you propose, you will be responsible for paying the cost of preparing an EA or EIS. Preparation of these types of NEPA documents can require 6-24 months. Accordingly you should carefully consider whether such projects are consistent with the objectives of the ARRA and will allow the expenditure of funds within the time periods allowed for by that statute.**

This restriction does not preclude you from: *performing information gathering, analysis, documentation, dissemination and training and providing technical advice and planning assistance for the activities listed above.*

Nor does this restriction preclude you from conducting the following project activities:

- Energy Audits, feasibility studies, training programs, education/outreach
- Solar Electricity /Photovoltaic – appropriately sized system or unit on existing rooftops and parking shade structures; or a 60 kW system or smaller unit installed on the ground within the boundaries of an existing facility.
- Wind turbine – 20 kW or smaller
- Solar thermal – system must be 20 kW or smaller
- Ground source heat pump – 5.5 tons of capacity or smaller, horizontal/vertical, ground, closed-loop system
- Installation of energy efficient lighting in existing buildings
- Installation of devices and systems in existing buildings to promote “Smart” energy consumption patterns.

## **HISTORIC PRESERVATION**

Prior to the expenditure of Federal funds to alter any structure or site, the Recipient is required to comply with the requirements of Section 106 of the National Historic Preservation Act (NHPA), consistent with DOE’s 2009 letter of delegation of authority regarding the NHPA. Section 106 applies to historic properties that are listed in or eligible for listing in the National Register of Historic Places. In order to fulfill the requirements of Section 106, the recipient must contact the State Historic Preservation Officer (known in North Carolina as the “North Carolina Department of Cultural Resources”) (SHPO), and, if applicable, the Tribal Historic Preservation Officer (THPO), to coordinate the Section 106 review outlined in 36 CFR Part 800. SHPO contact information is available at the following link: <http://www.ncshpo.org/find/index.htm>. THPO contact information is available at the following link: <http://www.nathpo.org/map.html> .

Section 110(k) of the NHPA applies to DOE funded activities. Recipients shall avoid taking any action that results in an adverse effect to historic properties pending compliance with Section 106.

Recipients should be aware that the DOE Contracting Officer will consider the recipient in compliance with Section 106 of the NHPA only after the Recipient has submitted adequate background documentation to the SHPO/THPO for its review, and the SHPO/THPO has provided written concurrence to the Recipient that it does not object to its Section 106 finding or determination. Recipient shall provide a copy of this concurrence to the Contracting Officer.

Grantee acknowledges that the Recipient has entered into a Memorandum of Agreement (MOA) with the SHPO and the DOE dated May 18, 2010 governing the rights and obligations of the parties regarding Section 106 compliance. The Recipient hereby assigns and the Grantee assumes the rights and obligations of the SEO under the MOA, as the same may be modified from time to time.

### **ADVANCED UNDERSTANDING CONCERNING PUBLICLY FINANCED ENERGY IMPROVEMENT PROGRAMS**

The parties recognize that the Recipient may use funds under this award for Property-Assessed Clean Energy (PACE) loans, Sustainable Energy Municipal Financing, Clean Energy Assessment Districts, Energy Loan Tax Assessment Programs (ELTAPS), or any other form or derivation of Special Taxing District whereby taxing entities collect payments through increased tax assessments for energy efficiency and renewable energy building improvements made by their constituents. The Department of Energy intends to publish "Best Practices" or other guidelines pertaining to the use of funds made available to the recipient under this award pertaining to the programs identified herein. By accepting this award, the recipient agrees to incorporate, to the maximum extent practicable, those Best Practices and other guidelines into any such program(s) within a reasonable time after notification by DOE that the Best Practices or guidelines have been made available. The recipient also agrees, by its acceptance of this award, to require its sub-recipients to incorporate to the maximum extent practicable the best practices and other guideline into any such program used by the sub-recipient.

### **DAVIS BACON ACT AND CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

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

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

and subcontractors.

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

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

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

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

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

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

**(a) Davis Bacon Act**

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account

(except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3) ), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

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

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

- (1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
- (2) The classification is utilized in the area by the construction industry; and
- (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

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

the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.

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

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

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

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

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

violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii) (A) The Contractor shall submit weekly for each week in which any Contract work is performed a copy of all payrolls to the Department of Energy if the agency is a party to the Contract, but if the agency is not such a party, the Contractor will submit the payrolls to the Recipient or Subrecipient (as applicable), applicant, sponsor, or owner, as the case may be, for transmission to the Department of Energy. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime Contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the Department of Energy if the agency is a party to the Contract, but if the agency is not such a party, the Contractor will submit them to the Recipient or Subrecipient (as applicable), applicant, sponsor, or owner, as the case may be, for transmission to the Department of Energy, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of

an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the sponsoring government agency (or the Recipient or Subrecipient (as applicable), applicant, sponsor, or owner).

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

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

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

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

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

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

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

(4) Apprentices and trainees--

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

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



fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

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

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

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

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

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

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

(10) Certification of eligibility.

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

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

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

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

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

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

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

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

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

## **RECIPIENT FUNCTIONS**

(1) This delegation of DOE functions to the Recipient applies only to DBA effort performed by Subrecipients and Contractors under this award. Those functions are not delegated to the Recipient for any DBA effort performed by employees of the Recipient under this award. On behalf of the DOE, Recipient shall perform the following functions:

- (a) Obtain, maintain, and monitor all DBA certified payroll records submitted by the Subrecipients and Contractors at any tier under this Award;
- (b) Review all DBA certified payroll records for compliance with DBA requirements, including applicable DOL wage determinations;
- (c) Notify DOE of any non-compliance with DBA requirements by Subrecipients or Contractors at any tier, including any non-compliances identified as the result of reviews performed pursuant to paragraph (b) above;
- (d) Address any Subrecipient and any Contractor DBA non-compliance issues; if DBA non-compliance issues cannot be resolved in a timely manner, forward complaints, summary of investigations and all relevant information to DOE;
- (e) Provide DOE with detailed information regarding the resolution of any DBA non-compliance issues;
- (f) Perform services in support of DOE investigations of complaints filed regarding noncompliance by Subrecipients and Contractors with DBA requirements;
- (g) Perform audit services as necessary to ensure compliance by Subrecipients and Contractors with DBA requirements and as requested by the Contracting Officer; and
- (h) Provide copies of all records upon request by DOE or DOL in a timely manner.

(2) All records maintained on behalf of the DOE in accordance with paragraph (1) above are federal government (DOE) owned records. DOE or an authorized representative shall be granted access to the records at all times.

(3) In the event of, and in response to any Freedom of Information Act, 5 U.S.C. 552, requests submitted to DOE, Recipient shall provide such records to DOE within 5 business days of receipt of a request from DOE.