

GRANT/LOAN AMENDMENT
 Check here if additional pages are attached. 12 Pages

AGREEMENT NUMBER:

CBG-09-093

AMENDMENT NUMBER:

1

1. This Agreement is entered into between the State Agency and the Recipient named below:

STATE AGENCY'S NAME

California Energy Commission

RECIPIENT'S NAME

City of Livingston

2. The term of this Agreement: From: 6/30/10 To: 6/14/123. The maximum amount of this Agreement after this amendment is: \$ 77,464.00

4. The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:

1. Extend the end term date from 01/30/12 to 06/14/12.
2. Amend the Scope of Work reducing the number of well pumps replaced from 5 to 3, adding 3 "soft starters" and retrofitting approximately 44 HPS streetlights with energy efficient LEDs.
3. Amend the Budget to reallocate funds to allow contractors to purchase and install equipment.

All other terms and conditions shall remain the same.

5. Amendment Amount

Fund Title	Item	Fiscal Year	Chapter	Statute	Amendment Amount
					\$
					\$
					\$
OBJECT CODE	Total				\$ 0.00

I hereby certify upon my own personal knowledge that budgeted funds are available for the period and purpose stated above.

SIGNATURE OF ACCOUNTING OFFICER

DATE

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

RECIPIENT

RECIPIENT'S NAME (If other than an individual, state whether a corporation, partnership, etc)

City of Livingston

BY (Authorized Signature)

DATE SIGNED (Do not type)

NAME AND TITLE OF PERSON SIGNING

ADDRESS

1416 C Street
Livingston, CA 95334**STATE OF CALIFORNIA**

AGENCY NAME

California Energy Commission

BY (Authorized Signature)

DATE SIGNED (Do not type)

NAME AND TITLE OF PERSON SIGNING

Mark Hutchison, Deputy Director of Administration

ADDRESS

1516 9th Street, MS-1
Sacramento, CA 95814

**EXHIBIT B
LIVINGSTON BUDGET DETAILS**

Unloaded Direct Labor

Title / Job Classification	Maximum Rate to be Billed* (\$ / Hr)	Number of Hours	EECBG Share	Cost Share	Total Cost
	\$ -		\$ -	\$ -	\$ -
Total Unloaded Direct Labor			\$ -	\$ -	\$ -

* Maximum salary rates are caps: The Energy Commission will not reimburse at a higher rate over the term of the project.

Fringe Benefits

Title / Job Classification	Maximum % Rate to be Billed*	Base (typically Total Unloaded Hourly Rates)	EECBG Share	Cost Share	Total Cost
	0%		\$ -	\$ -	\$ -
Total Fringe Benefits			\$ -	\$ -	\$ -

* Maximum fringe benefit rates are caps: The Energy Commission will not reimburse at a higher rate over the term of the project.

Travel**

Location	Purpose	Number of Trips	People per Trip	EECBG Share*	Cost Share	Total Cost
				\$ -	\$ -	\$ -
Total Travel				\$ -	\$ -	\$ -

* EECBG Share: Travel is reimbursed at State rates. Higher travel costs can count as Match Share.

** Trips not identified in the approved budget or listed as "to be determined (TBD)" require advanced written approval from Commission Project Manager.

**EXHIBIT B
LIVINGSTON BUDGET DETAILS**

Equipment

Item	Quantity	Unit Cost	EECBG Share	Cost Share	Total Cost

Materials, Supplies

Item	Quantity	Unit Cost	EECBG Share	Cost Share	Total Cost

Non-Labor Contract Expenses

Subcontractor Name	Purpose	EECBG Share	Cost Share	Total Cost
Shannon Pump Company	Well #8, 125 HP High Efficiency Pump Motor and Soft Starter	\$ 10,000	\$ -	\$ 10,000
Shannon Pump Company	Well #9, Soft Starter only	\$ 5,000	\$ -	\$ 5,000
Shannon Pump Company	Well #11, 100 HP High Efficiency Pump Motor and Soft Starter	\$ 9,000	\$ -	\$ 9,000
Shannon Pump Company	Well #13, 125 HP High Efficiency Pump Motor	\$ 13,000	\$ -	\$ 13,000
Pacific Gas & Electric	44 LED Street Lights	\$ 12,377	\$ 994	\$ 13,371
Shaft nut & key, Misc. fittings		\$ 1,300	\$ -	\$ 1,300
Total Non-Labor Contract Expenses		\$ 50,677	\$ 994	\$ 51,671

Miscellaneous

Item	Purpose	EECBG Share	Cost Share	Total Cost
Bid Process	Public notice, bid process	\$ 2,000	\$ -	\$ 2,000
Total Miscellaneous		\$ 2,000	\$ -	\$ 2,000

Overhead

Name of Overhead	Overhead Base*	Maximum % Rate to be Billed**	Base Cost	EECBG Share	Match Share	Total Cost
		0%	\$ -	\$ -	\$ -	\$ -
Total Overhead				\$ -	\$ -	\$ -

* Base: Define cost categories used to charge Overhead rate, e.g., Total Labor, Total Direct Cost, Materials, Subcontracts, etc.
 ** Maximum Indirect Overhead rates are caps: Energy Commission will not reimburse at higher rates over the term of the project.

GRANTS/CONTINGENT AWARD REQUEST



To: Grants and Loans Office

Date: November / 21 / 2011

Project Manager: Barry McLeod Phone Number: (916) 654-3911 ext.
Office: Special Projects Office Division: Fuels and Transportation MS- 23
Project Title: EECBG City of Livingston CBG-09-093

Type of Request: (check one)

New Agreement: (include items A-F from below) Agreement Number: CBG-09-093
Program: ARRA EECBG
Solicitation Name and/or Number: _____
Legal Name of Recipient: City of Livingston
Recipient's Full Mailing Address: 1416 C St.
Livingston, CA 95334
Recipient's Project Officer: Mr. Nanda Gottiparthi Phone Number: (209) 394-8041 ext.
Agreement Start Date: June / 30 / 2010 Agreement End Date: January / 30 / 2012

Amendment: (Check all that apply) Agreement Number: CBG-09-093
 Term Extension – New End Date: 06 / 14 / 2011
 Work Statement Revision (include Item A from below)
 Budget Revision (include Item B from below)
 Change of Scope (include Items A – F as applicable from below)
 Other: _____

ITEMS TO ATTACH WITH REQUEST:

- A. Work Statement
- B. Budget
- C. Recipient Resolution, if applicable. (Resolution may be requested in Special Conditions if not currently available.)
- D. Special Conditions, if applicable.
- E. CEQA Compliance Form
- F. Other Documents as applicable
 - Copy of Score Sheets
 - Copy of Pre-Award Correspondence
 - Copy of All Other Relevant Documents

California Environmental Quality Act (CEQA)

CEC finds, based on recipient's documentation in compliance with CEQA:
 Project exempt: _____ NOE filed: / /
 Environmental Document prepared: _____ NOD filed: / /
 Other: _____
 CEC has made CEQA finding described in CEC-280, attached

Funding Information:

*Source #1: _____ Amount: \$ _____ Statute: _____ FY: _____ Budget List #: _____
*Source #2: _____ Amount: \$ _____ Statute: _____ FY: _____ Budget List #: _____
*Source #3: _____ Amount: \$ _____ Statute: _____ FY: _____ Budget List #: _____

If federally funded, specify federal agreement number: DE-EE0000905

* Source Examples include ERPA, PIER-E, PIER-NG, FED, GRDA, ARFVT, OTHER.

Business Meeting Approval: (refer to Business Meeting Schedule)

Proposed Business Meeting Date: January / 11 / 2012 Consent Discussion
Business Meeting Participant: Barry McLeod Time Needed: _____

Agenda Notice Statement: (state purpose in layperson terms)

Possible approval of a Grant / Contingent Award to...
See Attached



Purpose of Questionnaire

The Energy Commission's protocol for identifying conflicts of interest, real or perceived, requires staff and consultants involved in the development or management of contracts, grants, and loans (sometimes collectively referred to as "agreements") to complete this questionnaire. Energy Commission staff and consultants must, therefore, complete this questionnaire upon assignment to one or more of the following phases:

- 1) draft part or all of a solicitation,
- 2) review or score a proposal, application, or bid for a contract, grant or loan,
- 3) negotiate, draft, or execute an agreement, or
- 4) manage a contract, grant, or loan.

Completed questionnaires shall be returned to the Contracts Office or the Grants and Loans Office to be filed with the related solicitation and/or agreement. **Any questionnaires containing one or more "yes" responses will be referred to the Chief Counsel's Office for further inquiry and direction before release of the solicitation or final approval of the agreement. No agreement shall be scheduled for a business meeting (or sent to the executive director if business meeting approval is not required) until all persons involved in the phases listed above have completed this questionnaire.**

Staff is also strongly encouraged to consult or complete this questionnaire if they have a question about a potential conflict of interest related to their involvement in other kinds of governmental decisions, e.g., developing regulations, testifying in a siting case, recommending funding allocations, etc. Please be advised that the use of this questionnaire is simply a tool to help public officials, including staff, of the Energy Commission assess whether there is a real or perceived conflict of interest in the making of a contract, grant or loan or any other governmental decisions. All public officials are required to be aware of and avoid conflicts of interest as prohibited by the Political Reform Act at Government Code section 81000 et seq., Government Code section 1090 et seq., and other state and federal laws.

Section 1. Employee and Solicitation / Agreement Information

Employee Name: Barry McLeod		Date: 11/21/2011
Division: Fuels and Transportation	Office: Special Projects	Job Classification: Energy Commission Specialist I
Solicitation/Agreement Name: ARRA Energy Efficiency and Conservation Block Grant		Solicitation/Agreement Number: (if assigned)
Brief Description of Purpose of the Solicitation/Agreement or Other Assignment: Providing EECBG funds to improve the reduce the energy use of publicly owned buildings.		

Section 2. Phase of Solicitation / Agreement Development

Indicate below the phase of solicitation or agreement development in which you are involved.

<input type="checkbox"/> Phase 1. Drafting of Part or All of a Solicitation Do you know any persons and/or entities likely to bid on the solicitation? <input type="checkbox"/> No (sign and date the questionnaire and submit to the Contracts Office or Grants and Loans Office) <input type="checkbox"/> Yes (list the persons and/or entities in Section 3 and answer the questions in Section 4)
<input type="checkbox"/> Phase 2. Review and Scoring of Proposals, Applications, or Bids Please complete Section 4 if you have not previously completed it for the solicitation (identified in Section 1). If you previously completed Section 4 for the identified solicitation, have your answers changed? <input type="checkbox"/> No (sign and date the questionnaire and submit to the Contracts Office or Grants and Loans Office) <input type="checkbox"/> Yes (complete Section 4)



<input type="checkbox"/>	Phase 3. Negotiate, Draft, or Execute Agreement Please complete Section 4 if you are assigned to negotiate any terms or conditions of an agreement whether competitively bid or not or if you have not previously completed it for the solicitation identified in Section 1. If you previously completed Section 4 for the identified solicitation, have your answers changed? <input type="checkbox"/> No (sign and date the questionnaire and submit to the Contracts Office or Grants and Loans Office) <input type="checkbox"/> Yes (complete Section 4)
<input checked="" type="checkbox"/>	Phase 4. Contract Management Please complete Section 4 if you have not previously completed it for the solicitation identified in Section 1. If you previously completed Section 4 for the identified solicitation, have your answers changed? <input type="checkbox"/> No (sign and date the questionnaire and submit to the Contracts Office or Grants and Loans Office) <input checked="" type="checkbox"/> Yes (complete Section 4)
<input type="checkbox"/>	Other Assignment: (Please Specify) Please complete Section 4. Sign and date the questionnaire and submit to the Office of Chief Counsel.

Section 3. Persons and / or Entities

Phase 1 (Solicitation) – <i>To be completed by the employee based on the best of his her knowledge.</i> Likely Bidder(s)/Applicant(s):
Phase 2 (Review of Proposals, Applications and / Bids) – <i>To be completed by the Contracts Office or Grants and Loans Office.</i> Bidder(s)/Applicant(s):
Phase 3 (Negotiate, Draft, or Execute Agreement) – <i>To be completed by the Contracts Office or Grants and Loans Office.</i> Prime and known Sub-Contractor(s): Grantee(s): Borrower(s):
Phase 4 (Manage Agreement) – <i>To be completed by the employee upon assignment to manage all or part of the agreement.</i> Prime and known Subcontractor(s): Grantee(s) and known Subgrantee(s): City of Belmont Contractor/Grantee(s)/Borrower(s):

Section 4. Questions

NOTE: Answer each question below with respect to the persons and entities listed in Section 3.

<p>1. Have you, your spouse, or a dependent member of your family received or been promised income aggregating \$500 or more in value from any person or entity listed in Section 3 in the last 12 months for any work outside the Commission, whether or not related to the proposed agreement?</p> <p><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes - please identify the person(s) and/or entity(ies)</p>
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2. Have you received or been promised one or more gifts aggregating \$420 or more in value from any person or entity listed in Section 3 in the last 12 months?

No
 Yes - please identify the person(s) and/or entity(ies)

3. Do you or your spouse have an investment worth \$2,000 or more in any person or entity listed in Section 3? If so, please identify each person and/or entity?

No
 Yes - please identify the person(s) and/or entity(ies)

4. Whether compensated or uncompensated, do you or your spouse serve as director, officer, partner, trustee, elected official, employee, or member, hold any other position of management in a business entity, nonprofit organization, government agency, planning commission, or other organization listed in Section 3?

No
 Yes - please identify the person(s) and/or entity(ies)

5. Do you or your spouse have any business affiliation with any person or entity listed in Section 3?

No - skip the following questions and please sign and date the form.
 Yes – answer the following questions and please sign and date the form.

a. Do you or your spouse serve on a board that has a contact with any person or entity listed in Section 3?

No
 Yes

b. Is any person or entity listed in Section 3 a member of a board on which you or your spouse also serve?

No
 Yes

c. Is your spouse a contractor for any person or entity listed in Section 3?

No
 Yes

d. Please describe any other affiliation you or your spouse may have, if any, with each each person or entity listed in Section 3:

Employee Signature

Date

Reviewing Attorney Signature (required for any form with one or more “yes” responses)

Date

Memorandum

To: Robert P. Oglesby
Executive Director

Date: November 21, 2011

Telephone: 916-654-3911

From: California Energy Commission
1516 Ninth Street MS-23
Sacramento CA 95814-5512

Subject: STAFF RECOMMENDATION TO APPROVE AMENDMENT 1 FOR A NO-COST TIME EXTENSION, CHANGE OF SCOPE OF WORK AND BUDGET REALLOCATION TO THE CITY OF LIVINGSTON'S ARRA EECBG GRANT CBG-09-093 TO BE CONSIDERED AT THE JANUARY 11, 2012 BUSINESS MEETING.

Summary of Item

The City of Livingston (City) has requested Amendment 1 to extend the grant end date from January 30, 2012 to June 14, 2012. Because of staff shortages and a longer than anticipated bidding process, the City will not be able to complete the project on time. They are also requesting a Scope of Work change reducing the number of well pumps replaced from 5 to 3, adding 3 "soft starters" and retrofitting 44 HPS streetlights with energy efficient LEDs. Two pump motors have been removed from the project. One of the wells listed in the original Agreement is soon going to be abandoned and the other required emergency repairs soon after the Agreement was signed. Budget category reallocations are requested so that the City may hire contractors to purchase and install all the measures. This change in Scope of Work will result in the City saving approximately \$19,790.00 in electricity costs per year. The Energy Efficiency Project (EEP) grant amount remains unchanged at \$77,464.00.

Justification for Action Requested

The City is committed to reducing energy consumption and reduction of greenhouse gas emissions via the implementation of these energy efficiency projects. This amendment allows the City the necessary time to contract for the purchases and installation of the all the measures they have now selected. This agreement, as amended, meets all EECBG program requirements.

Project Manager

Barry McLeod, Energy Commission Specialist I
Special Projects Office, Fuels and Transportation Division

Oral Presentation

Staff will be prepared to discuss this recommendation and respond to questions regarding the grant amendment.

Robert P. Oglesby
November 21, 2011
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Business Meeting Participants

Barry McLeod, Energy Commission Specialist I, Special Projects Office

Commission Action Requested

Approve the grant amendment and authorize the Executive Director to execute the grant amendment documents.

PAT PEREZ, Deputy Director
Fuels and Transportation Division

City of Livingston
Well Pump and Lighting Project
Grant Amount: \$77,464.00

Pros and Cons

The following are the Pros and Cons to the Energy Commission for approving the amendment to the City of Livingston:

Pros:

- Allows the City of Livingston sufficient time to hire a contractor to purchase and install 3 well pumps, 3 “soft starters” and 44 LED streetlights.
- Allows the City of Livingston sufficient time to have the approved energy efficiency measures installed and to capture about \$19,790.00 in annual energy cost savings resulting from the project.

Cons:

- None

EXHIBIT A
SCOPE OF WORK

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EXHIBIT A
SCOPE OF WORK

Task 1 — Attend Kick-Off Meeting

The goal of this task is to establish the lines of communication and procedures for implementing this Agreement. The Recipient shall attend a “kick-off” meeting with the Commission Project Manager and the Grants Officer. The Recipient shall bring their Project Manager and other relevant staff. The administrative and technical aspects of this Agreement will be discussed at the meeting. Prior to the kick-off meeting, the Commission Project Manager will provide an agenda to all potential meeting participants.

Topics to be discussed at this meeting will include, but are not limited to:

- Terms and Conditions of the Agreement
- Permit Documentation
- Scope of Work
- Project Schedule (including Products and Due Dates)
- Progress Reports
- Final Report
- Use of State Identity Branding Mark Logo
- Prohibition on KEMA Inc. or its subsidiary known as KEMA Services Inc. from performing services as a subcontractor or other lower-tier contractor to achieve the objectives of this Agreement
- Historic Preservation and Consultation Package Requirements

The Commission Project Manager shall designate the date and location of this meeting. This meeting may occur in person, via teleconference call, or other method at the discretion of the Commission Project Manager.

Products:

- List of Permits, if applicable (no draft)

Due Date: June 30, 2010

Task 2 — Identify and Obtain Required Permits

The goal of this task is to obtain all permits required for work completed under this Agreement in advance of the date they are needed to keep the Agreement schedule on track.

Permit costs and the expenses associated with obtaining permits are not reimbursable under this Agreement. Permits must be identified in writing and obtained before the

Recipient can incur any costs related to the use of the permits for which the Recipient will request reimbursement.

The Recipient shall prepare a letter documenting the permits required to conduct this Agreement and submit it to the Commission Project Manager at least 2 working days prior to the kick-off meeting:

1. If there are no permits required at the start of this Agreement, then state such in the letter.
2. If it is known at the beginning of the Agreement that permits will be required during the course of the Agreement, provide in the letter:
 - Type(s) of permit(s)
 - Name, address and telephone number of the permitting jurisdictions or lead agencies
 - Schedule the Recipient will follow in applying for and obtaining these permits

The list of permits and the schedule for obtaining them will be discussed at the kick-off meeting and a timetable for submitting the updated list, schedule and the copies of the permits will be developed. The implications to the Agreement if the permits are not obtained in a timely fashion or are denied will also be discussed. If applicable, permits will be included as a line item in the progress reports.

If during the course of the Agreement additional permits become necessary, then provide the appropriate information on each permit and an updated schedule to the Commission Project Manager.

As permits are obtained, send a copy of each approved permit to the Commission Project Manager.

If during the course of the Agreement permits are not obtained on time or are denied, notify the Commission Project Manager within 5 working days.

Product: Letter documenting the Permits or stating that no Permits are required (no draft)

Due Date: July 31, 2010

Product: Updated list of permits as they change during the approved term of the Agreement (no draft)

Due Date: As necessary, within 10 days of change

Product: A copy of each approved Permit (no draft)

Due Date: As necessary, within 10 days of receipt of each permit

Task 2a — Submission of Waste Management Plan

The goal of this task is to submit a Waste Management Plan to the Commission Project Manager prior to the proposed project activities generating any waste. This Waste Management Plan will describe the Recipient's plan to dispose of any sanitary or hazardous waste generated by the proposed project activities. Sanitary and hazardous waste includes, but is not limited to, construction and demolition debris, old light bulbs, fluorescent ballasts and lamps, piping, roofing material, discarded equipment, debris, and asbestos.

The Recipient's Waste Management Plan must comply with all federal, state, and local laws and regulations governing waste disposal.

Products: Waste Management Plan (no draft)

Due Date: July 31, 2010

Task 2b -- Award Subcontract

The goal of this task is to approve a subcontractor to purchase and install five (5) three (3) high efficiency motors and three (3) "soft starters" and to replace the old motors with these newly purchased high efficiency motors and "soft starters" at the following wells:

- Well # 8 (125 HP Motor) and "soft starter"; 701 Livingston Cressey Road, Livingston, CA 95334
- Well # 9, ~~(150 HP Motor)~~ "soft starter" only; 1226 Crowell Street, Livingston CA 95334
- Well # 11, (100 HP Motor) and "soft starter"; 7206 Pacific Avenue, Livingston CA 95334
- ~~Well # 12, (125 HP Motor); 1838 Lincoln Blvd, Livingston, CA 95334~~
- Well # 13, (125 HP Motor); 407 Lilac Lane, Livingston, CA 95334

A listing of the specific materials/equipment purchased and activities undertaken pursuant to this subcontract shall be documented in the next monthly progress report submitted under this agreement.

Deliverable: Copy of Executed Subcontract (if applicable)

Due Date: ~~September 30, 2010~~ July 22, 2011

Task 2c -- Award Subcontract

The goal of this task is to approve a subcontractor to purchase and install 44 LED streetlights replace older, inefficient High Pressure Sodium (HPS) streetlights at various locations throughout the City.

A listing of the specific materials/equipment purchased and activities undertaken pursuant to this subcontract shall be documented in the next monthly progress report submitted under this agreement.

Deliverable: Copy of Executed Subcontract (if applicable)

Due Date: December 31, 2011

Task 2e-2d — Submit Prevailing Wage Rates and Weekly Certified Payrolls

Within 30 days or less after execution of any subcontract for services under this Agreement the Recipient must submit to the Commission Project Manager a copy of applicable wage determinations for any and all labor and mechanic work to be performed under the subcontract.

The Recipient must also submit to the Energy Commission on a weekly basis a copy of all certified payrolls prepared for all subcontractors and lower tier contractors. The terms and conditions of this Agreement provide the required specifications.

These requirements apply to all subcontracts for services to achieve the objectives of this Agreement, including subcontracts paid for entirely with cost share funds.

Products: Copies of Applicable Wage Determinations (no draft)

Due Date: Within 30 days or less after execution of any subcontract for services under this Agreement

Products: Weekly Certified Payrolls of All Lower Tier Contractors (no draft)

Due Date: Weekly for each week in which any Contract work is performed during the term of the Agreement

Task 2e — Historic Preservation

Prior to the expenditure of EECBG Program 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). In order to fulfill the requirements of Section 106, the Energy Commission and the Recipient must consult with the California State Historic Preservation Officer (SHPO), and, if applicable, the Tribal Historic Preservation Officer (THPO), to ensure that proposed projects will have no adverse effects on any historic resources. The Energy Commission has executed a Programmatic Agreement with the SHPO to streamline the Section 106 consultation process. Under the Programmatic Agreement, the Energy Commission will evaluate projects to determine whether such projects are categorically excluded from the SHPO's direct review and consultation.

In order for the Energy Commission to determine whether a given project is categorically excluded from the SHPO's direct review and consultation, the applicant must prepare a Consultation Package for each project proposed under this grant, unless the project obtained SHPO clearance prior to grant approval. The Energy Commission will provide the required specifications for the Consultation Package.

Products: Consultation Package
Due Date: No later than 30 days after the **execution** of the grant or the identification of the project structure(s) or site(s) to be retrofitted under the grant, whichever is later.

~~Task 3—Purchase Equipment~~

~~The goal of this task is to purchase the materials/equipment identified in the grant agreement budget~~

~~The Recipient shall purchase the approved materials/equipment. A listing of the materials/equipment purchased shall be documented in the next monthly progress report submitted under this agreement.~~

~~**Products:**—None~~

~~**Due Date:**—November 30, 2010~~

Task 43a: Retrofitting ~~Five Three~~ Old Motors with High Efficiency Motors at ~~Five Three Wells~~ and ~~Three Soft Starters at Three Wells~~.

The goal of this task is that subcontractor will procure ~~five (5)~~three (3) high efficiency motors and three (3) soft starters to replace old and inefficient motors at ~~five 4 different~~ wells as identified in Task 2b.

The Recipient shall ensure that the subcontractor will purchase and install the approved equipment. A listing of the equipment installed shall be documented in the next monthly progress report submitted under this agreement. As appropriate, photographs should be submitted to the Energy Commission Project Manager to verify that installation has been completed. For very large projects, a sampling of photos may be used to document installation. Recipients shall work with the assigned Energy Commission Project Manager to ensure sufficient verification is provided.

The Recipient shall:

1. Monitor the quality of procured equipment according to the specifications;
2. Monitor the subcontractor replacing old and inefficient ~~lightings-motors~~ with new and energy efficient lightingsmotors and soft starters; and
3. Test the system performance.
4. Photograph installed equipment

Products:

- Equipment Installation Report
- Photographs of installed equipment (no draft)

Due Date: ~~January 28, 2011~~December 31, 2011

Task 3b: Retrofitting 44 HPS Streetlights with LEDs

The goal of this task is that subcontractor will purchase and install 44 LED streetlights.

The Recipient shall ensure that the subcontractor will purchase and install the approved equipment. A listing of the equipment installed shall be documented in the next monthly progress report submitted under this agreement. As appropriate, photographs should be submitted to the Energy Commission Project Manager to verify that installation has been completed. For very large projects, a sampling of photos may be used to document installation. Recipients shall work with the assigned Energy Commission Project Manager to ensure sufficient verification is provided.

The Recipient shall:

1. Monitor the quality of procured equipment according to the specifications;
2. Monitor the subcontractor replacing old and inefficient lightings with new and energy efficient lightings; and
3. Test the system performance.
4. Photograph installed equipment

Products:

- Equipment Installation Report
- Photographs of installed equipment (no draft)

Due Date: January 31, 2012

Task 5.4 — Monthly Progress Reports

The goal of this task is to periodically verify that satisfactory and continued progress is made towards achieving the objectives of this Agreement.

The Recipient shall prepare progress reports which summarize all Agreement activities conducted by the Recipient for the reporting period, including an assessment of the ability to complete the Agreement within the current budget and any anticipated cost overruns. The terms and conditions of this Agreement provide the required specifications.

Products: Monthly Progress Reports (no draft)

Due Date: By the 3rd day of each month until submission of the final report.

Task 6.5 — Final Report

The goal of this task is to prepare a comprehensive written Final Report that describes the original purpose, approach, results and conclusions of the work done under this Agreement. The Commission Project Manager will review and approve the Final Report.

A Draft Final Report shall be submitted to the Commission Project Manager no later than the Draft Final Report Due Date. The terms and conditions of this Agreement provide the required specifications.

The Commission Project Manager will review the Draft Final Report. The Recipient will incorporate applicable comments and submit the Final Report (the original and two copies) to the Commission Project Manager for review and approval. Upon receipt of the Final Report, the Commission Project Manager shall ensure that all work has been satisfactorily completed.

| The Final Report must be completed on or before the Final Report Due Date.

The Final Report shall be a public document.

Product: Draft Final Report

| **Due Date:** ~~February 28, 2011~~ February 28, 2012

Product: Final Report

| **Due Date:** ~~April 28, 2011~~ April 28, 2012