

Memorandum

To: Robert P. Oglesby
Executive Director

Date: October 21, 2011

Telephone: 916-657-4854

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

Subject: RECOMMENDATION TO APPROVE AMENDMENT 2 OF AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) ENERGY EFFICIENCY & CONSERVATION BLOCK GRANT (EECBG) CBG-09-132 TO THE CITY OF MENIFEE TO INCREASE THE GRANT AMOUNT BY \$49,152; EXTEND THE TERM DATE TO JUNE 14, 2012; MODIFY THE SCOPE; AND REVISE THE BUDGET, TO BE CONSIDERED AT THE NOVEMBER 30, 2011, BUSINESS MEETING.

Summary of Item

The City of Menifee (City) plans to retrofit 206 high pressure sodium streetlights with LED; 175 fluorescent interior illuminated street name signs with LED; and 497 LED traffic signal lamps. The City has requested Amendment 2 to increase the Energy Efficiency & Conservation Block Grant (EECBG) CBG-09-132 by \$49,152, to a total grant amount of \$367,328, the maximum amount the EECBG Solicitation PON-09-001 originally offered. The City proposes to increase the number of LED traffic signal lamps by 479, and streetlights by 12, which will increase the energy efficiency resulting from the project.

The Scope of Work will be revised to allow for the purchase and installation by a contractor, rather than the City purchasing the equipment separately. A no-cost time extension to June 14, 2012 is necessary because the City delayed going out to bid in expectation of these additional funds. The City estimates this one additional month is now necessary for the grant completion. Amendment 2 changes the budget detail as listed in Table 1 below.

Table 1: Summary of Budget Reallocation

Category Budget	Original Budget EECBG Share	Reallocated Amount	Revised Budget
Unloaded Direct Labor	\$30,371.00	(\$18,096.00)	\$12,275.00
Fringe Benefits	\$7,925.00	(\$3,874.00)	\$4,051.00
Travel	\$1,000.00	\$658.00	\$1,658.00
Materials/ Supplies	\$198,500.00	(\$198,500.00)	\$0.00
Non-Labor Contract Expenses	\$35,241.00	\$226,759.00	\$262,000.00
Contract Labor	\$43,613.00	\$43,731.00	\$87,344.00
Miscellaneous	\$1,526.00	(\$1,526.00)	\$0.00
	\$318,176.00	\$49,152.00	\$367,328.00

Justification for Action Requested:

A section of the original grant application was rejected, so the City was not allotted the whole allocation publically offered during 2010. Adding \$49,152 provides the City its full EECBG allocation and increases the energy efficiency and economic impact to the City and California.

The City is committed to reducing its energy consumption and to the reduction of greenhouse gas emissions. These projects will reduce harmful air pollution emissions by 109 tons of CO_{2e}/yr. This Direct Equipment Purchase (DEP) type grant will allow the City to save approximately 105 kW of electric power demand, 316,840 kWh and \$49,110 annually. This increases 98,000 kWh/yr to be saved over Amendment One.

Energy Commission staff has determined that the request of the City of Menifee meets the requirements under the EECBG program guidelines.

Robert P. Oglesby
October 21, 2011
Page 3

Robert P. Oglesby

October 21, 2011

Page 4

Project Manager

Akasha Kaur Khalsa, Energy Analyst
Special Projects Office, Fuels and Transportation Division

Oral Presentation

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

Business Meeting Participants

Akasha Kaur Khalsa, Energy Analyst

Commission Action Requested

Approve the block grant CBG-09-132 Amendment 2 and authorize the Executive Director to execute the grant amendment documents.

PAT PEREZ, Deputy Director
Fuels and Transportation Division

City of Menifee
Exterior LED Lighting Project
Grant Amount: \$367,328

Pros and Cons

The following are the Pros and Cons to the Energy Commission of providing a grant to the City of Menifee:

Pros:

- To reduce energy use, electrical demand, and greenhouse gas emissions through energy efficiency is consistent with the Energy Commission's *2010 Integrated Energy Policy Report*.
- Provides a grant to help the City install energy efficiency projects that it may otherwise not be able to fund.

Cons:

- None

GRANT/LOAN AMENDMENT

CEC-140 (Revised 6/11)

CALIFORNIA ENERGY COMMISSION


 Check here if additional pages are attached. 13 Pages

AGREEMENT NUMBER:

CBG-09-132

AMENDMENT NUMBER:

2

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 Menifee

2. The term of this Agreement: From: 06/30/10 To: 6/14/123. The maximum amount of this Agreement after this amendment is: \$ 367,328.00

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. Increase grant amount by \$49,152 to a total of \$367,328 and revise the budget accordingly.
2. Increase the quantities in the approved project list.
3. Revise the Scope of Work for the purchase and installation of LED streetlights, LED traffic signal lamps and LED internally illuminated street name signs.
4. Extend the term of the agreement to 6/14/12.

All other terms and conditions shall remain the same.

5. Amendment Amount

Fund Title	Item	Fiscal Year	Chapter	Statute	Amendment Amount
FED	0890-3360-001-20	11/12	33	2011	\$ 49,152.00
					\$
					\$
OBJECT CODE 4400-702-30002	Total				\$49,152.00

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 Menifee

BY (Authorized Signature)

DATE SIGNED (Do not type)

NAME AND TITLE OF PERSON SIGNING

ADDRESS

29714 Haun Road
Menifee, CA 92586-6540**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

GRANTS/CONTINGENT AWARD REQUEST



To: Grants and Loans Office

Date: 10 / 21 / 2011

Project Manager: Akasha Kaur Khalsa Phone Number: (916) 657-4854 ext.
Office: Special Projects Office Division: Fuels and Transportation Div. MS- 23
Project Title: Menifee Safety Lights

Type of Request: (check one)

New Agreement: (include items A-F from below) Agreement Number: CBG-09-132
Program: ARRA Energy Efficiency & Conservation Block Grant (EECBG) - Small City / Special Projects Office
Solicitation Name and/or Number: _____
Legal Name of Recipient: City of Menifee
Recipient's Full Mailing Address: 29714 Haun Road
Menifee, CA 92586-6540
Recipient's Project Officer: Don Allison Phone Number: (951) 672-6777 ext.
Agreement Start Date: 06 / 30 / 2010 Agreement End Date: 06 / 14 / 2012

Amendment: (Check all that apply) Agreement Number: CBG-09-132.2
 Term Extension – New End Date: 06 / 14 / 2012
 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: C-8 and increase Total amount

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: Section 15301 NOE filed: 12 / 18 / 2009
 Environmental Document prepared: Type NOD filed: / /
 Other: Explain
 CEC has made CEQA finding described in CEC-280, attached

Funding Information:

*Source #1: ARRA Amount: \$ 367,328.00 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: _____
* Source Examples include ERPA, PIER-E, PIER-NG, FED, GRDA, ARFVT, OTHER.

Business Meeting Approval: (refer to Business Meeting Schedule)

Proposed Business Meeting Date: 11 / 30 / 2011 Consent Discussion
Business Meeting Participant: Akasha Kaur Khalsa Time Needed: (1 minute)

Agenda Notice Statement: (state purpose in layperson terms)

Possible approval of a Grant / Contingent Award to...
Amendment 2 to CBG-09-132 with the City of Menifee to add \$49,152 to a total of \$367,328, revise the budget accordingly, extend the term of the agreement to June 14, 2012, increase the quantities in the approved project list, and revise the scope of work for the purchase and installation of LED streetlights, LED traffic signal lamps & LED internally illuminated street name signs.

Project Manager _____ Date _____ Office Manager _____ Date _____ Deputy Director _____ Date _____

EXHIBIT A
SCOPE OF WORK

(THIS PAGE INTENTIONALLY LEFT BLANK)

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: December 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: March 14, 2011

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: ~~March 15, 2011~~ January 1, 2012

Task 2b — Award Subcontract(s)

The goal of this task is to approve one or more subcontracts for the purchase and installation of approved materials/equipment as identified in Attachment C-8 of this Agreement. All equipment must adhere to the requirements and specifications set forth in Exhibit 2 of the EECBG funding solicitation (PON-09-001). A listing of the specific materials/equipment purchased shall be documented in the next monthly progress report submitted under this agreement.

NOTE: The list of materials and equipment identified in Attachment C-8 includes the total possible universe of materials and equipment that the Recipient may purchase with EECBG funds. The Recipient may not purchase any material or equipment that is not on this list. The Recipient may purchase more or less of a certain type of material or equipment than the exact number listed in Attachment C-8, provided that such modifications are made in accordance with the rules governing changes to the Agreement in the terms and conditions of this Agreement. These restrictions do not apply to materials and equipment which are entirely paid for with cost share funds.

NOTE: The requirement to submit copies of all executed subcontracts applies to all subcontracts for services to achieve the objectives of this Agreement, including subcontracts paid for entirely with cost share funds.

Products: Copy of Executed Subcontract(s) (no draft)

Due Date: ~~September 15, 2011~~ January 1, 2012

Task 2c — 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 2d — 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 Deleted~~

~~The goal of this task is to purchase the approved materials/equipment as identified in Attachment C-8 of this Agreement. All equipment must adhere to the requirements and specifications set forth in Exhibit 2 of the EECBG funding solicitation (PON-09-001).~~

~~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:**—December 14, 2011~~

Task 4a — Install Equipment

~~The goal of this task is to install the purchased equipment in Task 3 above.~~

~~Installations to occur within the City of Menifee, CA 92586 that includes:~~

- ~~• LED yellow ball traffic lamps at various intersections~~
- ~~• LED yellow arrow traffic signals at various signal light locations~~

~~The Recipient will 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.~~

~~**Products:**—Photos of installed equipment (no draft)~~

~~**Due Date:**—February 14, 2012~~

Task 4b 4 — Purchase and Install Equipment

The goal of this task is to purchase and install the purchased materials/equipment in Task 3 above, listed on Exhibit C-8.

Installations to occur within the City of Menifee, CA 92586 that include:

- Replacement of HPS streetlights with LED streetlights
- On these same poles, LED internally illuminated street name sign retrofit lights
- LED ball traffic lamps (red, yellow & green)

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.

Products: Photos of installed equipment (no draft)

Due Date: ~~February 14, 2012~~ April 14, 2012

Task 5 — 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 — 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: ~~March 14, 2012~~ April 14, 2012

Product: Final Report

Due Date: ~~May 14, 2012~~ June 14, 2012

EXHIBIT B
Category Budget

Budget Category Item	EECBG Share (\$)	Cost Share (\$)	Total Cost (\$)
Personnel:			
Unloaded Direct Labor	\$ 12,275	\$ -	\$ 12,275
Fringe Benefits	\$ 4,051	\$ -	\$ 4,051
Total Personal Services	\$ 16,326	\$ -	\$ 16,326
Operating Expenses:			
Travel	\$ 1,658	\$ -	\$ 1,658
Equipment			\$ -
Materials/Supplies		\$ -	\$ -
Non-Labor Contract Expenses	\$ 262,000	\$ -	\$ 262,000
Contract Labor	\$ 87,344	\$ -	\$ 87,344
Miscellaneous		\$ -	\$ -
Total Operating Expenses	\$ 351,002	\$ -	\$ 351,002
Overhead:			
Overhead			\$ -
Total Overhead	\$ -	\$ -	\$ -
Total	\$ 367,328	\$ -	\$ 367,328

**EXHIBIT B
BUDGET DETAILS**

Unloaded Direct Labor

Title / Job Classification	Maximum Rate to be Billed* (\$ / Hr)	Number of Hours	EECBG Share	Cost Share	Total Cost
Project Manager	\$ 85.00	40	\$ 3,400		\$ 3,400
City Clerk	\$ 29.00	10	\$ 290		\$ 290
Administrative Assistant	\$ 20.00	30	\$ 600		\$ 600
Inspector	\$ 95.00	60	\$ 5,700		\$ 5,700
Superintendent	\$ 95.00	20	\$ 1,900		\$ 1,900
Electrician	\$ 35.00	5	\$ 175	\$ -	\$ 175
Electrician Assistant	\$ 26.25	8	\$ 210	\$ -	\$ 210
Total Unloaded Direct Labor			\$ 12,275	\$ -	\$ 12,275

* 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
Project Manager	33%	\$ 3,400	\$ 1,122		\$ 1,122
City Clerk	33%	\$ 290	\$ 96		\$ 96
Administrative Assistant	33%	\$ 600	\$ 198		\$ 198
Inspector	33%	\$ 5,700	\$ 1,881		\$ 1,881
Superintendent	33%	\$ 1,900	\$ 627	\$ -	\$ 627
Electrician	33%	\$ 175	\$ 58	\$ -	\$ 58
Electrician Assistant	33%	\$ 210	\$ 69	\$ -	\$ 69
Total Fringe Benefits			\$ 4,051	\$ -	\$ 4,051
			\$ 4,050.75	\$ -	\$ 4,050.75

* 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
Ontario-Sacramento-Ontario	Kick Off and Final Meetings	2	1	\$ 1,658	\$ -	\$ 1,658
Total Travel				\$ 1,658	\$ -	\$ 1,658

* 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.

Equipment

Item	Quantity	Unit Cost	EECBG Share	Cost Share	Total Cost
		\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -
Total Equipment			\$ -	\$ -	\$ -

**EXHIBIT B
BUDGET DETAILS**

Materials, Supplies

Item	Quantity	Unit Cost	EECBG Share	Cost Share	Total Cost
		\$ -	\$ -	\$ -	\$ -
Total Materials and Supplies			\$ -	\$ -	\$ -

Non-Labor Contract Expenses

Subcontractor Name	Purpose	EECBG Share	Cost Share	Total Cost
Subcontractor To Be Determined	See C-8	\$ 262,000.00		\$ 262,000
				\$ -
Total Non-Labor Contract Expenses		\$ 262,000	\$ -	\$ 262,000

Miscellaneous

Item	Purpose	EECBG Share	Cost Share	Total Cost
		\$ -	\$ -	\$ -
Total Miscellaneous		\$ -	\$ -	\$ -

Overhead

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

EXHIBIT B CONTRACT LABOR

Contract Labor

Subcontractor	Title / Job Classification	Number of Individuals Employed in Classification	Estimated Prevailing Wage Rate* as Determined	Estimated Maximum Rate to be Billed (\$ / Hr)	Number of Hours	EECBG Share	Cost Share	Total Cost
Subcontractor TBD	TBD	TBD	TBD	TBD	TBD	\$ 87,344	\$ -	\$ 87,344
								\$ -
								\$ -
								\$ -
Total Contract Labor						\$ 87,344	\$ -	\$ 87,344

* Prevailing wage rates are comprised of unloaded hourly rates and qualifying fringe benefits. For more information on prevailing wage rates under Federal and California law see EECBG Application Exhibits 7 and 8 and Attachment K.

Exhibit C, Attachment C-8

DIRECT EQUIPMENT PURCHASE SUPPORTING DOCUMENTATION

	<i>Existing Equipment</i>	<i>Proposed Equipment</i>	<i>Facility Where Equipment Installed</i>	<i>Existing Capacity each (kW)</i>	<i>Proposed Capacity each (kW)</i>	<i>Estimated Load Reduction (%)</i>	<i>Number of Hours of Operation**</i>	<i>Number of Units</i>	<i>Equipment/ Material Cost per Unit</i>	<i>Total Equipment/ Material Cost</i>	<i>Total Non-Equipment Cost</i>	<i>Total Project Costs</i>	<i>Installation Cost Percentage*</i>
1	White Fluorescent Internally Illuminated Street Name Sign	LED Internally Illuminated Street Name Sign (IISNS) (6 foot)	City of Menifee - various intersections	0.135	0.030	0.78	4,380	170	\$ 389.21	\$ 66,165.70	\$ 22,055.80	\$ 88,221.50	0.25
2	White Fluorescent Internally Illuminated Street Name Sign	LED Internally Illuminated Street Name Sign (IISNS) (8 foot)	City of Menifee - various intersections	0.188	0.050	0.73	4,380	5	\$ 521.63	\$ 2,608.15	\$ 869.35	\$ 3,477.50	0.25
3	High Pressure Sodium Streetlights 200W	LED Streetlights	City of Menifee - various intersections	0.250	0.095	0.62	4,380	206	\$ 802.50	\$ 165,315.00	\$ 55,105.00	\$ 220,420.00	0.25
4	Incandescent Traffic Signal Lamps 12"	LED Traffic Signal Lamps 12"	City of Menifee - various intersections	0.135	0.025	0.81	1,752	497	\$ 56.18	\$ 27,921.15	\$ 9,303.85	\$ 37,225.00	0.25
	N/A	City Staff Labor Unloaded Direct Labor										\$ 12,275.00	
	N/A	City Staff Labor Fringe										\$ 4,051.00	
	N/A	Grant Related Travel										\$ 1,658.00	
Totals								878.00		\$ 262,010.00	\$ 87,334.00	\$ 367,328.00	

* For each direct purchase where non-equipment costs exceeds 50% of total project costs, please attach written justification for the non-equipment costs.