

Memorandum

To: Robert P. Oglesby
Executive Director

Date: November 7, 2011

Telephone: (916) 654-4089

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

Subject: STAFF RECOMMENDATION TO APPROVE AMENDMENT 1 UNDER THE ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT PROGRAM (EECBG) (CBG-09-198) WITH THE NORTHERN RURAL TRAINING & EMPLOYMENT CONSORTIUM (NoRTEC) THAT INCLUDES AN AUGMENTATION OF \$14,456, CHANGE IN SCOPE, AND BUDGET REVISIONS.

Summary of Item

In May 2010, the Energy Commission approved an EECBG grant awarding \$307,508 to NoRTEC. This collaborative application included: City of Weed, City of Alturas, City of Portola, Town of Paradise, Lassen County, and Sierra County. The total EECBG allocation for these six jurisdictions totaled \$376,955. However, not enough projects could be identified to use this total allocation; therefore, the grant has awarded at \$307,508. Projects for individual collaborative partner jurisdictions varied in scope and included traffic signals, street lighting, exterior and interior lighting, and HVAC efficiency projects.

Town of Paradise originally requested \$90,828 of their \$149,925 allocation. Now Paradise is requesting an additional \$14,456 of their allocation. This additional funding allows the town to expand their interior lighting energy efficiency project, retrofitting more fluorescent lighting fixtures to energy efficient T8 lamps and electronic ballasts. This augmentation will increase NoRTEC's total EECBG grant award from \$307,508 to \$321,964.

In addition, Sierra County is withdrawing. The County does not have the manpower available to work on the EECBG program. Fortunately, Lassen County is able to utilize Sierra County's full allocation of \$49,996. Lassen County is increasing their interior lighting project. With this amendment, Lassen County will retrofit many more fluorescent lighting fixtures, converting old T12 lamps and magnetic ballast to T8 lamps and electronic ballasts.

Justification for Action Requested

In summary, this budget augmentation, change in scope, and budget revision is technically justified, and meets all requirements for a grant with the EECBG program. The new grant amount is \$321,964. The total collaborative grant package is estimated to save 352,642 kWh and 504 therms annually, with an annual energy cost savings of \$53,552. Because the amendment project portfolio

includes more lighting projects, this change of scope package actually increased the cost effectiveness of this grant, by saving an additional 75,474 kWh a year and increased the annual energy cost savings by \$12,534.

Summary of Amendment

The following table summarizes the project savings, cost and simple payback for the project.

Collaborative Partners	Est. Therm Savings	Est. Energy Savings (kWh/yr)	Est. Annual Cost Savings	Est. CO2 Emission reductions (lbs)	EECBG Amount
City of Weed	0	55,327	\$8,576	38,176	\$ 20,171
City of Portola	0	9,845	\$1,526	6,793	\$11,066
City of Alturas	0	9,605	\$1,153	6,628	\$24,910
Town of Paradise	424	90,678	\$13,208	67,512	\$105,284
County of Lassen	79	187,187	\$29,089	130,081	\$160,533
TOTALS	504	352,642	\$53,552	249,190	\$321,964

Project Manager

Elizabeth Shirakh, Special Projects Office

Consent Item

Staff will be prepared to respond to questions regarding this amendment.

Business Meeting Participants

Elizabeth Shirakh, Special Projects Office, Fuels and Transportation Division

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Commission Action Requested

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

PAT PEREZ, Deputy Director
Fuels and Transportation Division

NORTHERN RURAL TRAINING & EMPLOYMENT CONSOTIUM DIRECT EQUIPMENT PURCHASE SUPPORTING DOCUMENTATION (November 2011)

	<i>Existing Equipment</i>	<i>Proposed Equipment</i>	<i>Facility Where Equipment Installed</i>	<i>Existing Capacity (kW, HP, Btus, etc.)</i>	<i>Proposed Capacity (kW, HP, Btus, etc.)</i>	<i>Estimated Load Reduction (%) (if applicable)</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	75 Hp Well Pump Motor	75 Hp Well Pump Motor	Weed Mazzei Well	533,020	514,504	0	8,372.00	1.00	\$ 7,075.00	\$ 7,075.00	\$ 424.50	\$ 7,499.50	\$ 0.06
2	40 Hp Aeration Pumps	40 Hp Aeration Pumps	Weed Waste water Aeration Pond	294,556	275,854	0	4,368.00	2.00	\$ 3,773.00	\$ 7,546.00	\$ 452.76	\$ 7,998.76	\$ 0.06
3	25 Hp Well Pump Motor	25 Hp Well Pump Motor	Weed Gazelle Well	25Hp	25Hp	4.8	1,000.00	1.00	\$ 2,358.00	\$ 2,358.00	\$ 141.48	\$ 2,499.48	\$ 0.06
4	34W T12 Fluorescent Lamp	28W T8 Fluorescent Lamp	Weed City Hall Main Street	550 10.2 kW	8.4 kW	17.6	3,650.00	300.00	\$ 4.50	\$ 1,350.00	\$ 293.00	\$ 1,643.00	\$ 0.18
5	Magnetic Ballasts Fixture	Instant Start Electronic Ballast	Weed City Hall Main Street	550 3	2	17.6	3,650.00	5.00	\$ 60.00	\$ 300.00	\$ 230.00	\$ 530.00	\$ 0.43
6	Magnetic Ballasts	Instant Start Electronic Ballasts	Portola City Buildings				1,940.00	149.00	\$40	\$ 5,960.00	\$ 1,947.60	\$ 7,907.60	\$ 0.25
7	T12 & 32-watt T8 Fluorescent Lamps	28-watt T8 Fluorescent Lamps	Portola City Buildings				1,940.00	596.00	\$5.00	\$ 2,980.00	\$ 178.80	\$ 3,158.80	\$ 0.06
8	(58) 8' T12 fixtures (4 lamps, 2 standard	(65) 4' T8 fixtures (4 28-watt lamps, 2	Lassen County Buildings	286 watts	47 watts	N/A	2,000.00	65.00	\$ 75.00	\$ 4,875.00	\$ 4,871.70	\$ 9,746.70	\$ 0.50
9	(132) 8' T12 fixtures (2 lamps, 1 standard	(200) 4' T8 fixtures (2 28-watt lamps, 1	Lassen County Buildings	193 watts	31 watts	N/A	2,000.00	200.00	\$ 75.00	\$ 15,000.00	\$ 14,998.00	\$ 29,998.00	\$ 0.50
10	(61) 4' T12 fixtures (4 lamps, 2 standard	(91) 4' T8 fixtures (4 28-watt lamps, 2	Lassen County Buildings	212 watts	122 watts	N/A	2,000.00	91.00	\$ 75.00	\$ 6,825.00	\$ 6,822.50	\$ 13,647.50	\$ 0.50
11	(497) 4' T12 fixtures (2 lamps, 1 standard magnetic ballast each)	(691) 4' T8 fixtures (2 28-watt lamps, 1 electronic IS low watt ballast each)	Lassen County Buildings	111 watts	57 watts	N/A	2,000.00	691.00	\$ 75.00	\$ 51,825.00	\$ 51,817.80	\$ 103,642.80	\$ 0.50
12	(2) regular thermostats	(2) programmable thermostats - new	Lassen County Building 2067	N/A	N/A	N/A	2,500.00	2.00	\$ 325.00	\$ 650.00	\$ 2,848.00	\$ 3,498.00	\$ 0.81

NORTHERN RURAL TRAINING & EMPLOYMENT CONSORTIUM DIRECT EQUIPMENT PURCHASE SUPPORTING DOCUMENTATION (November 2011)

	<i>Existing Equipment</i>	<i>Proposed Equipment</i>	<i>Facility Where Equipment Installed</i>	<i>Existing Capacity (kW, HP, Btus, etc.)</i>	<i>Proposed Capacity (kW, HP, Btus, etc.)</i>	<i>Estimated Load Reduction (%) (if applicable)</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>
13	High Pressure Sodium Streetlamp Fixture Units: 70 Watt HPS; Product Code: 70HPSQT/240S1RAL6012TX including Fixture Part # cG411-F5AP-GR3-QT-RAL6012TX (Existing includes the Cone Module and Ballast Tray Module - Ballast, Capacitor, Starter): Manufacturer - Cyclone Lighting	LED Retrofit Kits for Existing Streetlamps: 40 Watt LED; Product Code 40W350DC2000L3000K (Includes new cone module and driver module) : Manufacturer - Cyclone Lighting	Alturas - Select Street Lights: Main Street between 12th Street and Water Street	70 Watt (0.07kW) HPS	40 Watt (0.04kW) LED	42.80%	4,380.00	43.00	\$ 535.18	\$ 23,012.74	\$ 1,896.98	\$ 24,909.72	\$ 0.08
14	200 W HPS Safety Lights	LED - LEDWAY	Town of Paradise - Signalized Intersections	200 W	109	54%	4,380.00	43.00	\$ 625.00	\$ 26,875.00	\$ 26,872.30	\$ 53,747.30	\$ 0.50
15	250 W HPS Safety Lights	LED - LEDWAY	Town of Paradise - Signalized Intersections	250 W	168	43%	4,380.00	4.00	\$ 994.00	\$ 3,976.00	\$ 3,975.06	\$ 7,951.06	\$ 0.50
16	T-12 Fixtures	T-8	Town of Paradise - Town Hall	40 W	28	20%	4,380.00	86.00	\$ 42.00	\$ 3,612.00	\$ 3,370.22	\$ 6,982.22	\$ 0.48
17	Exterior Lighting	LED or Induction Lighting	Town of Paradise - Town Hall	175 W Metal Halide	100	43%	4,380.00	4.00	\$ 480.00	\$ 1,920.00	\$ 1,917	\$ 3,837.00	\$ 0.50
18	T-12 Fixtures	T-8	Town of Paradise - Police Department	40 W	28	20%	8,760.00	69.00	\$ 42.00	\$ 2,898.00	\$ 2,898.00	\$ 5,796.00	\$ 0.50
19	Payne	HEIL	Town of Paradise - Police Department	30,000 BTU (2.5 tons)	30,000 BTU (2.5 tons)	45%	8,760.00	1.00	\$ 2,122.64	\$ 2,122.64	\$ 376.46	\$ 2,499.10	\$ 0.15
20	Payne	HEIL	Town of Paradise - Police Department	42,000 BTU (3.5 tons)	42,000 BTU (3.5 tons)	45%	8,760.00	4.00	\$ 3,070.75	\$ 12,283.02	\$ 1,690.98	\$ 13,974.00	\$ 0.12

CBG-09-198 A.1

NORTHERN RURAL TRAINING & EMPLOYMENT CONSORTIUM DIRECT EQUIPMENT PURCHASE SUPPORTING DOCUMENTATION (November 2011)

	<i>Existing Equipment</i>	<i>Proposed Equipment</i>	<i>Facility Where Equipment Installed</i>	<i>Existing Capacity (kW, HP, Btus, etc.)</i>	<i>Proposed Capacity (kW, HP, Btus, etc.)</i>	<i>Estimated Load Reduction (%) (if applicable)</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>
21	Advanced Distributer Product	HEIL	Town of Paradise - Vehicle Maintenance	90,000 BTU (7.5 tons)	42,000 BTU (3.5 tons)	45%	3,650.00	1.00	\$ 3,004.72	\$ 3,004.72	\$ 492.98	\$ 3,497.70	\$ 0.14
22	Carrier	HEIL	Town of Paradise - Town Hall	42,000 BTU (3.5 tons)	42,000 BTU (3.5 tons)	45%	4,380.00	2.00	\$ 3,136.79	\$ 6,273.58	\$ 726.22	\$ 6,999.80	\$ 0.10
Totals								2,360.00		\$ 192,722	\$ 129,242	\$ 321,964	\$ 0.40

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

GRANT/LOAN AMENDMENT

CEC-140 (Revised 6/11)

CALIFORNIA ENERGY COMMISSION


 Check here if additional pages are attached. 16 Pages

AGREEMENT NUMBER:

CBG-09-198

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

Northern Rural Training & Employment Consortium

2. The term of this Agreement: From: 06/30/10 To: 6/14/123. The maximum amount of this Agreement after this amendment is: \$ 321,964.00

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 \$14,456 from 307,508 to \$321,964.
2. Revise Scope of Work, Budget, and Exhibit C, Attachment C-8 to include additional interior lighting projects for the City of Paradise.
3. Revise Scope of Work, Budget, and Exhibit C, Attachment C-9 to delete Sierra County's projects and increase Lassen County's interior lighting projects.

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	\$ 14,456.00
					\$
					\$
OBJECT CODE 4400-702-30002	Total				\$14,456.00

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)

Northern Rural Training & Employment Consortium

BY (Authorized Signature)

DATE SIGNED (Do not type)

NAME AND TITLE OF PERSON SIGNING

ADDRESS

525 Wall Street
Chico, CA 95928**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 Administrative Services

ADDRESS

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

EECBG: Possible approval of Amendment 1 to (CBG-09-198) with the Northern Rural Training & Employment Consortium (NoRTEC) that includes an augmentation of \$14,456, budget revisions, and a change in scope. NoRTEC's original grant agreement of \$307,508, represents a collaborative of six local jurisdictions: City of Weed, City of Alturas, City of Portola, Town of Paradise, Lassen County, and Sierra County. The Town of Paradise originally requested \$90,828 of their \$149,925 allocation. Now Paradise is requesting an additional \$14,456 of their allocation. This additional funding allows the town to expand their interior lighting energy efficiency project. Other budget changes include shifting of funding between collaborative jurisdictions. Specifically, Sierra County is dropping out and Lassen County is increasing their interior lighting project to utilize Sierra County's full allocation of \$49,996. The change in scope is required to reflect these budget revisions, is technically justified, and meets all of the EECBG program requirements. The new grant amount is \$321,964.

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: November 1, 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: ~~January 1, 2011~~ December 15, 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(s)

The goal of this task is to submit a Waste Management Plan(s) to the Commission Project Manager prior to the proposed project activities generating any waste. This

Waste Management Plan(s) 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(s) must comply with all federal, state, and local laws and regulations governing waste disposal.

Products: Waste Management Plan(s) (no draft)

Due Date: ~~February 1, 2011~~ 1/15/2012

Task 2b — Award Subcontracts

The goal of this task is to approve 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 Program 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.

To complete this task the Recipient will establish subcontracts with ~~the counties of Lassen County and Sierra~~, the cities of Weed, Portola, Alturas, and the town of Paradise that delineate implementation roles and responsibilities with each of these jurisdictions (subcontracts). Each subcontract will specify how each jurisdiction will install the energy efficiency measures referenced in Task 3 below, i.e., by retaining an installation contractor or installing the measures with their own labor forces. Each subcontract will comply with the requirements for all lower-tier subcontracts stated in Section 10(a) of the terms and conditions of 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 Program 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 Subcontracts (no draft)

Due Date: ~~June 30, 2011~~ February 20, 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 — Install Energy efficiency Project Upgrades

The Recipient shall ensure that the subcontractors will install the approved equipment at the following locations.

➤ **City of Weed**

- A. Well pump motor replacement at the Mazzei Well, Marys Drive, City of Weed, California.
- B. Well pump motor replacement at the Gazelle Well, South Weed Blvd, City of Weed, California.
- C. Replace 34-watt T12 fluorescent lamps with 28-watt T8 fluorescent lamps and replace magnetic ballasts with instant start electronic ballasts at Weed City Hall, 550 Main Street, City of Weed, California.
- D. Replacement of aeration pumps at the Sewer Aeration Pump Stations, 1542 Alameda Avenue, City of Weed, California

➤ **City of Portola**

- A. Replace T12 and/or 32-watt T8 fluorescent lamps with 28-watt T8 fluorescent lamps and/or replace magnetic ballasts with instant start electronic ballasts at the following locations in Portola, California:
 - 1. Portola Public Works Building, 120 Main Street
 - 2. North Side Fire Hall, 420 North Gulling Street
 - 3. Plumas County Sherriff Substation, 324 South Gulling Street
 - 4. Portola City Hall, 35 Third Avenue

➤ **City of Alturas**

- A. Retrofit existing High Pressure Sodium street light bulbs, cone modules and ballast fixtures with LED bulbs, driver modules and cone modules between the intersections of State Route 299 and Main Street, and Water Street and Main Street in Alturas, California.

~~➤ **County of Sierra,**~~

- ~~A. Replace T12 and/or 32-watt T8 fluorescent lamps with 28-watt T8 fluorescent lamps and/or replace magnetic ballasts with instant start electronic ballasts and/or retrofit fluorescent exit signs at the following locations in the County of Sierra, California:~~

- ~~1. 514 Miners Street, Alleghany~~
- ~~2. 150 Goodyears Creek Road, Goodyears Bar~~
- ~~3. 100 Courthouse Square, Downieville~~
- ~~4. 101 Courthouse Square, Downieville~~
- ~~5. 211 Nevada Street, Downieville~~
- ~~6. 22 Maiden Lane, Downieville~~
- ~~7. 114 North Battelle Street, Sierraville~~
- ~~8. 103 County Road, Calpine~~
- ~~9. 2 Garbage Pit Road, Loyalton~~
- ~~10. 202 Front Street, Loyalton~~
- ~~11. 704 Mill Street, Loyalton~~
- ~~12. 61050 Highway 49 Loyalton~~

~~B. Replace HVAC unit in Yuba Theater, located at 218 Main Street, Downieville, California~~

➤ **County of Lassen,**

A. Replace existing T12 fluorescent light fixtures with T8 fluorescent light fixtures at the following locations in Lassen County, California:

1. Administration Building, 221 South Roop Street, Susanville
2. Public Works Building, 707 Nevada Street, Susanville
3. Mental Health Building, 555 Hospital Lane, Susanville
4. Probation Building, 107 South Roop Street, Susanville
5. Social Services Building, 720 Richmond Road., Susanville
6. Community Building, 2067 California Avenue, Herlong
7. Library.Museum and Veterans Building, 657-555 Bridge Street, Bieber
8. Community Center, 435-685 Doyal Loop Road, Doyle
9. Community Center, 500 Birch Street, Westwood

B. Replace two existing thermostats with programmable thermostats at the Community Building, 2067 California Avenue, Herlong, California.

➤ **Town of Paradise**

~~A. Complete LED conversions of streetlights in the Town of Paradise, California.~~

B.A. Replace existing T12 fluorescent lighting fixtures with T-8 fluorescent lighting fixtures, and install HVAC replacements at the following locations in the Town of Paradise, California:

1. Paradise Town Hall, 5555 Skyway
2. Paradise Police Station, 5595 Black Olive Street

C.B. Install exterior lighting upgrades at Paradise Town Hall, 5555 Skyway Street, Paradise, California.

D.C. Replace HVAC unit at the Vehicle Maintenance Building, 795 Birch Street, Paradise, California.

E.D. Replace safety lighting with LED's at signalized HPS Intersections in the Town of Paradise, California.

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: 1) Photographs of Installed Equipment for City of Weed (no draft)
2) Photographs of Installed Equipment for City of Portola (no draft)
3) Photographs of Installed Equipment for City of Alturas (no draft)
~~4) Photographs of Installed Equipment for County of Sierra (no draft)~~
54) Photographs of Installed Equipment for County of Lassen (no draft)
65) Photographs of Installed Equipment for Town of Paradise (no draft)

Due Date: ~~February 14, 2012~~ April 30, 2012

Task 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 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: ~~March 14, 2012~~ May 15, 2012

Product: Final Report

Due Date: June 14, 2012

This budget supersedes all prior budgets

EXHIBIT B Category Budget

Budget Category Item	EECBG Share (\$)	Cost Share (\$)	Total Cost (\$)
Personnel:			
Unloaded Direct Labor	\$ -	\$ -	\$ -
Fringe Benefits	\$ -	\$ -	\$ -
Total Personal Services	\$ -	\$ -	\$ -
Operating Expenses:			
Travel	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -
Materials/Supplies	\$ -	\$ -	\$ -
Non-Labor Contract Expenses	\$ 192,722	\$ -	\$ 192,722
Contract Labor	\$ 121,836	\$ -	\$ 121,836
Miscellaneous	\$ -	\$ -	\$ -
Total Operating Expenses	\$ 314,558	\$ -	\$ 314,558
Overhead:			
Overhead	\$ 7,406	\$ -	\$ 7,406
Total Overhead	\$ 7,406	\$ -	\$ 7,406
Total	\$ 321,964	\$ -	\$ 321,964

**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
No direct labor, all prime contractor costs in G&A	\$ -		\$ -	\$ -	\$ -
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
No fringe benefits, , all prime contractor costs in G&A	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
No travel, all prime contractor costs in G&A				\$ -	\$ -	\$ -
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.

Equipment

Item	Quantity	Unit Cost	EECBG Share	Cost Share	Total Cost
No equipment, , all prime contractor costs in G&A		\$ -	\$ -	\$ -	\$ -
Total Equipment			\$ -	\$ -	\$ -

**EXHIBIT B
BUDGET DETAILS**

Materials, Supplies

Item	Quantity	Unit Cost	EECBG Share	Cost Share	Total Cost
No materials or supplies, all prime contractor costs in G&A		\$ -	\$ -	\$ -	\$ -
Total Materials and Supplies			\$ -	\$ -	\$ -

Non-Labor Contract Expenses

Subcontractor Name	Purpose	EECBG Share	Cost Share	Total Cost
City of Weed	Implementation of retrofits in Weed	\$ 18,629	\$ -	\$ 18,629
City of Portola	Implementation of retrofits in Portola	\$ 8,940	\$ -	\$ 8,940
Town of Paradise	Implementation of retrofits in Paradise	\$ 62,965	\$ -	\$ 62,965
Lassen County	Implementation of retrofits in Lassen County	\$ 79,175	\$ -	\$ 79,175
City of Alturas	Implementation of retrofits in Alturas	\$ 23,013	\$ -	\$ 23,013
Total Non-Labor Contract Expenses		192,722	-	192,722

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
General and Administrative	Total Direct Cost	3%	\$ 314,557.96	\$ 7,406.12	\$ -	\$ 7,406.12
Total Overhead				\$ 7,406	\$ -	\$ 7,406

* 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.

**EHIBIT B
CONTRACT LABOR BUDGET**

Contract Labor - NoRTEC has no contract labor in its budget

Subcontractor All contract labor is in local government subcontractor budgets, rates provided for information	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
City of Weed						\$ 400	\$ -	\$ 400
City of Portola						\$ 1,500	\$ -	\$ 1,500
Lassen County						\$ 72,271	\$ -	\$ 72,271
City of Alturas						\$ 487	\$ -	\$ 487
Town of Paradise						\$ 36,337	\$ -	\$ 36,337
Grants Management Associates						\$ 10,841	\$ -	\$ 10,841
Total Contract Labor						\$ 121,836	\$ -	\$ 121,836

* 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.