

GRANT REQUEST FORM (GRF)

CEC-270 (Revised 02/13)

CALIFORNIA ENERGY COMMISSION

New Agreement ARV-14-002 (To be completed by CGL Office)

Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Juan Garcia	27	916-654-3915

Recipient's Legal Name	Federal ID Number
International Association of Nanotechnology (dba US Green Vehicle Council)	20-0320188

Title of Project
Fast Charging on I-5 and 99 Corridors

Term and Amount	Start Date	End Date	Amount
	8 / 1 / 2014	12 / 31 / 2016	\$ 500,000

Business Meeting Information
 ARFVTP agreements under \$75K delegated to Executive Director.

Proposed Business Meeting Date	7 / 22 / 2014	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Juan Garcia	Time Needed:	5 minutes

Please select one list serve. Altfuels (AB118- ARFVTP)**Agenda Item Subject and Description**

Proposed resolution approving Agreement ARV-14-002 with the International Association of Nanotechnology (dba US Green Vehicle Council) for a \$500,000 grant to install 10 electric vehicle fast chargers along the I-5 and Highway 99 corridor at 10 locations in 10 cities throughout California. (ARFVTP Funding). Contact: Juan Garcia

California Environmental Quality Act (CEQA) Compliance

1. Is Agreement considered a "Project" under CEQA?
 Yes (skip to question 2) No (complete the following (PRC 21065 and 14 CCR 15378)):
 Explain why Agreement is not considered a "Project":
 Agreement will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because .
2. If Agreement is considered a "Project" under CEQA:
 a) Agreement **IS** exempt. (Attach draft NOE)
 Statutory Exemption. List PRC and/or CCR section number:
 Categorical Exemption. List CCR section number: California Code of Regulations, title 14, §§ 15301 ("Existing Facilities"), 15303 ("New Construction or Conversion of Small Structures"), and 15304 ("Minor Alterations to Land").
 Common Sense Exemption. 14 CCR 15061 (b) (3)
 Explain reason why Agreement is exempt under the above section:
 The project consists of minor alteration of existing facilities and/or mechanical equipment involving negligible or no expansion of use beyond that existing; including replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity and/or minor alterations to land, including minor trenching and backfilling where surface is restored. All power will be provided from the existing electrical panel and the work includes installations of conduit, wiring, electrical connections and mouting equipment. Minor trenching may be required to bring power from local sources to the proposed chargers.
- b) Agreement **IS NOT** exempt. (Consult with the legal office to determine next steps.)
 Check all that apply
- | | |
|---|---|
| <input type="checkbox"/> Initial Study | <input type="checkbox"/> Environmental Impact Report |
| <input type="checkbox"/> Negative Declaration | <input type="checkbox"/> Statement of Overriding Considerations |
| <input type="checkbox"/> Mitigated Negative Declaration | |

List all subcontractors (major and minor) and equipment vendors: (attach additional sheets as necessary)

Legal Company Name:	Budget
Cleantech Institute	\$ 360,478
EVrus	\$ 33,197
Helix Electrical	\$ 20,158

List all key partners: (attach additional sheets as necessary)

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Legal Company Name:
GoSpace, Inc.
EV Centers of America

Budget Information			
Funding Source	Funding Year of Appropriation	Budget List No.	Amount
ARFVTF			\$500,000
Funding Source			\$
R&D Program Area:	N/A	TOTAL:	\$500,000
Explanation for "Other" selection			
Reimbursement Contract #:		Federal Agreement #:	

Recipient's Administrator/ Officer				Recipient's Project Manager			
Name:	Lloyd L. Tran			Name:	Lloyd L. Tran		
Address:	NASA Ames Research Center Building 19-P.O. Box 151			Address:	NASA Ames Research Center Building 19-P.O. Box 151		
City, State, Zip:	Moffett Field, CA 94035			City, State, Zip:	Moffett Field, CA 94035		
Phone:	800-567-8184	Fax:	877-836-6266	Phone:	800-567-8184	Fax:	877-836-6266
E-Mail:	ltran@cleantechinstitute.org			E-Mail:	ltran@cleantechinstitute.org		

Selection Process Used	
<input checked="" type="checkbox"/> Competitive Solicitation	Solicitation #: PON-13-606
<input type="checkbox"/> First Come First Served Solicitation	

The following items should be attached to this GRF	
1. Exhibit A, Scope of Work	<input checked="" type="checkbox"/> Attached
2. Exhibit B, Budget Detail	<input checked="" type="checkbox"/> Attached
3. CEC 105, Questionnaire for Identifying Conflicts	<input checked="" type="checkbox"/> Attached
4. Recipient Resolution	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> Attached
5. CEQA Documentation	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> Attached

_____ Agreement Manager	_____ Date	_____ Office Manager	_____ Date	_____ Deputy Director	_____ Date
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Additional Subcontractor(s)	
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Legal Company Name:	Budget
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EV Connect	\$5,259
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Exhibit A

SCOPE OF WORK

TECHNICAL TASK LIST

Task #	CPR	Task Name
1		Administration
2		Engineering Design
3	X	Ordering and managing EVSE, equipment, tools and supplies
4		Installation of the DC Fast Chargers
5		Data Collection and Analysis

KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	US Green Vehicle Council	Cleantech Institute	
2	US Green Vehicle Council	Cleantech Institute	EV Connect
3	US Green Vehicle Council	Cleantech Institute	EV Centers of America
4	US Green Vehicle Council	Cleantech Institute Helix Electrical EVrus	Go Space
5	US Green Vehicle Council	Cleantech Institute	

GLOSSARY

Specific terms and acronyms used throughout this scope of work are defined as follows:

Term/ Acronym	Definition
ARFVTP	Alternative and Renewable Vehicle and Technology Program
CAM	Commission Agreement Manager
CPR	Critical Project Review
DC	Direct Current
Energy Commission	California Energy Commission
FTD	Fuels and Transportation Division
Recipient	US Green Vehicle Council

BACKGROUND

Assembly Bill (AB) 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP). The statute authorizes the California Energy Commission (Energy Commission) to develop and deploy alternative and renewable fuels and advanced transportation technologies to help attain the state's climate change policies. AB 8 (Perea, Chapter 401, Statutes of 2013) re-authorizes the ARFVTP through January 1, 2024, and specifies that the Energy Commission allocate up to \$20 million per year (or up to 20 percent of each fiscal year's funds) in funding for hydrogen station development until at least 100 stations are operational. The Energy Commission has an annual program budget of approximately \$100 million and provides financial support for projects that:

- Develop and improve alternative and renewable low-carbon fuels;
- Optimize alternative and renewable fuels for existing and developing engine technologies;
- Produce alternative and renewable low-carbon fuels in California;
- Decrease, on a full fuel cycle basis, the overall impact and carbon footprint of alternative and renewable fuels and increase sustainability;
- Expand fuel infrastructure, fueling stations, and equipment;
- Improve light-, medium-, and heavy-duty vehicle technologies;
- Retrofit medium- and heavy-duty on-road and non-road vehicle fleets;
- Expand infrastructure connected with existing fleets, public transit, and transportation corridors; and
- Establish workforce training programs, conduct public education and promotion, and create technology centers.

The Energy Commission issued solicitation PON-13-606 to fund electric vehicle charging infrastructure in several categories that will support growth of electric vehicles as a conventional method of transportation and adoption of plug-in electric vehicles over a wide range of California's population and socio-economic classes. To be eligible for funding under PON-13-606, the projects must also be consistent with the Energy Commission's ARFVT Investment Plan updated annually. In response to PON-13-606, the US Green Vehicle Council (Recipient) submitted application number 40, which was proposed for funding in the Energy Commission's Notice of Proposed Awards on April 4, 2014, and is incorporated by reference to this Agreement in its entirety.

In the event of any conflict or inconsistency between the terms of the Solicitation and the terms of the Recipient's Application, the Solicitation shall control. In the event of any conflict or inconsistency between the Recipient's Application and the terms of the Energy Commission's Award, the Energy Commission's Award shall control. Similarly, in the event of any conflict or inconsistency between the terms of this Agreement and the Recipient's Application, the terms of this Agreement shall control.

Problem Statement:

One of the major barriers for the acceptance and deployment of electric vehicles in California is a lack of charging infrastructure that connects major highway corridors. Electric vehicle drivers are not able to travel from Northern California to the Central Valley or Southern California due to the lack of fast charging stations along Interstate-5 (I-5) and State Highway 99. According to the "*Bay Area and Monterey Bay Area Plug-In Electric Vehicle Readiness Plan*" along the corridor I-5 from Stockton to Los Angeles, there are no fast chargers available for electric vehicles (except 2 sites only for Tesla located in Coalinga and Lebec). The "*San Joaquin Valley Regional Charging Siting Analysis- December 2013*" has identified a lack of EV charging infrastructure in the Central Valley. With reference to the "*Southern California Plug-in Electric Vehicle Readiness Plan*" there is an urgent need to have fast chargers along the corridor connecting Los Angeles to San Diego regions.

Goals of the Agreement:

The goal of this Agreement is to install direct current (DC) fast charging stations along the I-5 and Highway 99 corridors to fill in the missing links in implementing a robust EV charging network that connects Northern California, the Central Valley, and Southern California.

Objectives of the Agreement:

The objectives of this Agreement are to install a DC fast charger at each of 10 hotels along the I-5 and Highway 99 corridors in each of the following 10 cities: Stockton, Merced, Fresno, Tulare, Santa Nella, Coalinga, Lost Hills, Wheeler Ridge, Santa Clarita, and Oceanside.

TASK 1 ADMINISTRATION

Task 1.1 Attend Kick-off Meeting

The goal of this task is to establish the lines of communication and procedures for implementing this Agreement. The Commission Agreement Manager (CAM) shall designate the date and location of this meeting and provide an agenda to the Recipient prior to the meeting.

The Recipient shall:

- Attend a "Kick-Off" meeting with the CAM, the Grants Officer, and a representative of the Accounting Office. The Recipient shall bring its Project Manager, Agreement Administrator, Accounting Officer, and others designated by the CAM to this meeting.
- Discuss the following administrative and technical aspects of this Agreement:
 - Agreement Terms and Conditions.

- Critical Project Review (Task 1.2).
- Match fund documentation (Task 1.6) (No reimbursable work may be done until this documentation is in place).
- Permit documentation (Task 1.7).
- Subcontracts needed to carry out project (Task 1.8).
- The CAM's expectations for accomplishing tasks described in the Scope of Work.
- An updated Schedule of Products and Due Dates;
- Monthly Progress Reports (Task 1.4).
- Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions).
- Final Report (Task 1.5).

Recipient's Products:

- Updated Schedule of Products
- Updated List of Match Funds
- Updated List of Permits

CAM Product:

- Kick-Off Meeting Agenda

Task 1.2 Critical Project Review (CPR) Meetings

CPRs provide the opportunity for frank discussions between the Energy Commission's and the Recipient. The goal of this task is to determine if the project should continue to receive Energy Commission's funding to complete this Agreement and to identify any needed modifications to the tasks, products, schedule or budget.

The CAM may schedule CPR meetings as necessary, and meeting costs will be borne by the Recipient.

Meeting participants include the CAM and the Recipient and may include the Commission Grants Officer, other Energy Commission's staff and Management as well as other individuals selected by the CAM to provide support to the Energy Commission.

The CAM shall:

- Determine the location, date, and time of each CPR meeting with the Recipient. These meetings generally take place at the Energy Commission, but they may take place at another location.
- Send the Recipient the agenda and a list of expected participants in advance of each CPR. If applicable, the agenda shall include a discussion on both match funding and permits.
- Conduct and make a record of each CPR meeting. Prepare and submit a schedule for providing the written determination described below.

- Determine whether to continue the project, and if continuing, whether or not modifications are needed to the tasks, schedule, products, and/or budget for the remainder of the Agreement. Modifications to the Agreement may require a formal amendment (please see section 8 of the Terms and Conditions). If the CAM concludes that satisfactory progress is not being made, this conclusion will be referred to the Lead Commissioner for Transportation for his or her concurrence.
- Provide the Recipient with a written determination in accordance with the schedule. The written response may include a requirement for the Recipient to revise one or more product(s) that were included in the CPR.

The Recipient shall:

- Prepare and submit a CPR Report for each CPR that discusses the progress of the Agreement toward achieving its goals and objectives. This report shall include recommendations and conclusions regarding continued work of the projects. This report shall be submitted along with any other products identified in this scope of work. The Recipient shall submit these documents to the CAM and any other designated reviewers at least 15 working days in advance of each CPR meeting.
- Present the required information at each CPR meeting and participate in a discussion about the Agreement.

Recipient's Product:

- CPR Reports

CAM Product:

- Written determination

Task 1.3 Final Meeting

The goal of this task is to closeout this Agreement.

The Recipient shall:

- Meet with Energy Commission staff to present the findings, conclusions, and recommendations. The final meeting must be completed during the closeout of this Agreement. This meeting will be attended by, at a minimum, the Recipient, the Commission Grants Office Officer, and the CAM. The technical and administrative aspects of Agreement closeout will be discussed at the meeting, which may be two separate meetings at the discretion of the CAM.

The technical portion of the meeting shall present an assessment of the degree to which project and task goals and objectives were achieved, findings, conclusions, recommended next steps (if any) for the Agreement, and recommendations for improvements. The CAM will determine the appropriate meeting participants. The administrative portion of the meeting shall be a discussion with the CAM and the Grants Officer about the following Agreement closeout items:

- What to do with any equipment purchased with Energy Commission funds (Options).
- Energy Commission's request for specific "generated" data (not already provided in Agreement products).
- Need to document Recipient's disclosure of "subject inventions" developed under the Agreement.
- "Surviving" Agreement provisions.
- Final invoicing and release of retention.
- Prepare and submit a schedule for completing the closeout activities for this Agreement.

Products:

- Written documentation of meeting agreements
- Schedule for completing closeout activities

Task 1.4 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 on time and within budget.

The objectives of this task are to summarize activities performed during the reporting period, to identify activities planned for the next reporting period, to identify issues that may affect performance and expenditures, and to form the basis for determining whether invoices are consistent with work performed.

The Recipient shall:

- Prepare and submit a Monthly Progress Report which summarizes 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. Each progress report is due to the CAM within 10 days of the end of the reporting period. The recommended specifications for each progress report are contained in Section 6 of the Terms and Conditions of this Agreement.

- In the first Monthly Progress Report and first invoice, document and verify match expenditures and provide a synopsis of project progress, if match funds have been expended or if work funded with match share has occurred after the notice of proposed award but before execution of the grant agreement. If no match funds have been expended or if no work funded with match share has occurred before execution, then state this in the report. All pre-execution match expenditures must conform to the requirements in the Terms and Conditions of this Agreement.

Product:

- Monthly Progress Reports

Task 1.5 Final Report

The goal of the Final Report is to assess the project's success in achieving the Agreement's goals and objectives, advancing science and technology, and providing energy-related and other benefits to California.

The objectives of the Final Report are to clearly and completely describe the project's purpose, approach, activities performed, results, and advancements in science and technology; to present a public assessment of the success of the project as measured by the degree to which goals and objectives were achieved; to make insightful observations based on results obtained; to draw conclusions; and to make recommendations for further projects and improvements to the Fuels and Transportation Division project management processes.

The Final Report shall be a public document. If the Recipient has obtained confidential status from the Energy Commission and will be preparing a confidential version of the Final Report as well, the Recipient shall perform the following activities for both the public and confidential versions of the Final Report.

The Recipient shall:

- Prepare and submit an Outline of the Final Report.
- Prepare a Final Report following the latest version of the Final Report guidelines which will be provided by the CAM. The CAM shall provide written comments on the Draft Final Report within fifteen (15) working days of receipt. The Final Report must be completed at least 60 days before the end of the Agreement Term.
- Submit one bound copy of the Final Report with the final invoice.

Products:

- Outline of the Final Report
- Draft Final Report
- Final Report

Task 1.6 Identify and Obtain Matching Funds

The goal of this task is to ensure that the match funds planned for this Agreement are obtained for and applied to this Agreement during the term of this Agreement.

The costs to obtain and document match fund commitments are not reimbursable through this Agreement. Although the Energy Commission budget for this task will be zero dollars, the Recipient may utilize match funds for this task. Match funds shall be spent concurrently or in advance of Energy Commission funds for each task during the term of this Agreement. Match funds must be identified in writing and the associated commitments obtained before the Recipient can incur any costs for which the Recipient will request reimbursement.

The Recipient shall:

- Prepare and submit a letter documenting the match funding committed to this Agreement to the CAM at least 2 working days prior to the kick-off meeting. If no match funds were part of the proposal that led to the Energy Commission awarding this Agreement and none have been identified at the time this Agreement starts, then state such in the letter. If match funds were a part of the proposal that led to the Energy Commission awarding this Agreement, then provide in the letter a list of the match funds that identifies the:
 - Amount of each cash match fund, its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied.
 - Amount of each in-kind contribution, a description, documented market or book value, and its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied. If the in-kind contribution is equipment or other tangible or real property, the Recipient shall identify its owner and provide a contact name, address and telephone number, and the address where the property is located.
- Provide a copy of the letter of commitment from an authorized representative of each source of cash match funding or in-kind contributions that these funds or contributions have been secured. For match funds provided by a grant a copy of the executed grant shall be submitted in place of a letter of commitment.

- Discuss match funds and the implications to the Agreement if they are reduced or not obtained as committed, at the kick-off meeting. If applicable, match funds will be included as a line item in the progress reports and will be a topic at CPR meetings.
- Provide the appropriate information to the CAM if during the course of the Agreement additional match funds are received.
- Notify the CAM within 10 days if during the course of the Agreement existing match funds are reduced. Reduction in match funds must be approved through a formal amendment to the Agreement and may trigger an additional CPR meeting.

Products:

- A letter regarding match funds or stating that no match funds are provided
- Copy(ies) of each match fund commitment letter(s) (if applicable)
- Letter(s) for new match funds (if applicable)
- Letter that match funds were reduced (if applicable)

Task 1.7 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. Although the Energy Commission budget for this task will be zero dollars, the Recipient shall budget match funds for any expected expenditures associated with obtaining permits. Permits must be identified in writing and obtained before the Recipient can make any expenditure for which a permit is required.

The Recipient shall:

- Prepare and submit a letter documenting the permits required to conduct this Agreement and submit it to the CAM at least 2 working days prior to the kick-off meeting. If there are no permits required at the start of this Agreement, then state such in the letter. 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:
 - A list of the permits that identifies the:
 - Type of permit.
 - Name, address and telephone number of the permitting jurisdictions or lead agencies.
 - The schedule the Recipient will follow in applying for and obtaining these permits.

- Discuss the list of permits and the schedule for obtaining them at the kick-off meeting and develop a timetable for submitting the updated list, schedule and the copies of the permits. 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 and will be a topic at CPR meetings.
- If during the course of the Agreement additional permits become necessary, provide the appropriate information on each permit and an updated schedule to the CAM.
- As permits are obtained, send a copy of each approved permit to the CAM.
- If during the course of the Agreement permits are not obtained on time or are denied, notify the CAM within 5 working days. Either of these events may trigger an additional CPR.

Products:

- Letter documenting the permits or stating that no permits are required
- A copy of each approved permit (if applicable)
- Updated list of permits as they change during the term of the Agreement (if applicable)
- Updated schedule for acquiring permits as changes occur during the term of the Agreement (if applicable)
- A copy of each final approved permit (if applicable)

Task 1.8 Obtain and Execute Subcontracts

The goal of this task is to ensure quality products and to procure subcontractors required to carry out the tasks under this Agreement consistent with the Agreement Terms and Conditions and the Recipient's own procurement policies and procedures. It will also provide the Energy Commission an opportunity to review the subcontracts to ensure that the tasks are consistent with this Agreement, and that the budgeted expenditures are reasonable and consistent with applicable cost principles.

The Recipient shall:

- Manage and coordinate subcontractor activities.
- Submit a draft of each subcontract required to conduct the work under this Agreement to the CAM for review.
- Submit a final copy of the executed subcontract.
- If Recipient decides to add new subcontractors, then the Recipient shall notify the CAM.

Products:

- Letter describing the subcontracts needed, or stating that no subcontracts are required
- Draft subcontracts
- Final subcontracts

TECHNICAL TASKS**TASK 2 ENGINEERING DESIGN**

The goal of this task is to develop an engineering design for each site at each of the 10 hotel locations specified in Task 4.

The Recipient shall:

- Contact each hotel that expressed interest in having a DC fast charger and complete any agreements required to install the fast chargers.
- Visit each site to perform a site analysis.
- Develop and complete engineering design and installation plan for each site.

Products:

- Site Analysis, including photographs, for each site
- Copy of engineering design and installation plans
- Photographs of each site

TASK 3 ORDERING AND MANAGING EVSE, EQUIPMENT, TOOLS AND SUPPLIES

The goal of this task is to determine the required product specifications and order DC fast chargers, tools, supplies and materials.

The Recipient shall:

- Based on the site analysis conducted in Task 2, determine the required DC fast charger specifications.
- Order Electric Vehicle Service Equipment (EVSE): 25 kW DC Fast Chargers or equivalent.
- Order supplies and special tools for the installation.
- Test to ensure software and network connections are compliant with the Open Charge Point Protocol.

Product:

- List of Product Specifications, including warranties, and copies of all user manuals

[CPR will be held upon completion of this task per Task 1.2]

TASK 4 INSTALLATION OF THE DC FAST CHARGERS

The goal of this task is to install one DC fast charger at each of the following 10 locations near the I-5 and Highway 99 corridors:

1.	5045 Kingsley Road, Stockton, CA 95215
2.	750 Motel Drive, Merced, CA 95340
3.	7191 Kathryn West, Fresno, CA 93722
4.	1100 N. Cherry Street, Tulare, CA 93274
5.	12367 South Highway 33, Santa Nella, CA 95322
6.	25020 W Dorris Ave, Coalinga, CA 93210
7.	14684 Aloma Street, Lost Hills, CA 93249
8.	5620 Del Sol Drive, Wheeler Ridge, CA 93203
9.	28523 Westinghouse Place, Los Angeles, CA 91355
10.	1401 Carmelo Drive, Oceanside, CA 92054

Significant site changes. Any change of one or more of the above-identified charging station sites to a new or different proposed site, other than a “non-significant change” in sites as defined below, must be effectuated through a mutually-acceptable formal contract amendment approved at a duly-noticed Energy Commission Business Meeting.

Non-significant site changes. A non-significant change to one or more of the above-identified charging station sites may be effectuated through a contract amendment signed by the Recipient and the Energy Commission’s Executive Director or his or her designee. For the purposes of this grant agreement, a “non-significant” change in a charging station site is defined as one that meets **all** of the following conditions:

1. The change does not increase the total cost of the agreement;
2. The change does not materially alter the purpose or goal of the agreement;

3. The change is necessary to carry out the purpose or goal of the agreement;
4. The change does not materially affect the Commission's rights or liabilities;
5. The Recipient submits to the Energy Commission information and documentation sufficient to verify to the Energy Commission's satisfaction that the new site location remains exempt from the California Environmental Quality Act (CEQA) because it fits one or more applicable exemptions provided in the Guidelines for CEQA, Title 14, California Code of Regulations, including but not limited to the following categorical exemptions:
 - a. Section 15301 Existing Facilities;
 - b. Section 15303 New Construction or Conversion of Small Structures;
 - c. Section 15304 Minor Alterations to Land.

Such information and documentation must consist of a sufficiently detailed description of the location and work that will be done at that site to clearly establish the applicability of the claimed exemption(s), and/or a binding written legal opinion that the work falls within the claimed CEQA exemption(s).

6. The change is consistent with applicable requirements in the Department of General Services' State Contracting Manual and with state law;
7. The change does not materially alter the position of the Commission with respect to the agreement, deliverables, or products;
8. The change does not materially delay the work to be performed under the agreement; and
9. The change is not due to the negligence, bad faith, or poor work quality of the Contractor or Recipient.

The Recipient shall:

- Install new circuit breakers at the control panels, if needed.
- Upgrade the junction boxes, if needed.
- Make necessary conduits and re-wire the units.
- Build a concrete platform for the EVSE.
- Install the DC charger to the electrical system.
- Perform a complete diagnostic testing on the new chargers.
- Provide summary report of installations, including photographs.

Product:

- Summary report of installations, including photographs

Task 5 DATA COLLECTION AND ANALYSIS

The goal of this task is to collect operational data from the project, to analyze that data for economic and environmental impacts, and to include the data and analysis in the Final Report.

The Recipient shall:

- Develop data collection test plan;
- Troubleshoot any issues identified;
- Collect 6 months of throughput, usage, and operations data from the project including, but not limited to:
 - Capacity and actual use of the new charging system (including number of charging sessions and energy use in kilowatt-hours per given time period);
 - Gallons of gasoline and/or diesel fuel displaced (with associated mileage information);
 - Expected air emissions reduction, including:
 - Non-methane hydrocarbons,
 - Oxides of nitrogen,
 - Non-methane hydrocarbons plus oxides of nitrogen, and
 - Particulate matter.
 - Specific jobs and economic development resulting from this project.
- Identify any current or planned use of renewable energy at the facility;
- Provide data on potential job creation, economic development, and increased state revenue as a result of expected future expansion;
- Provide a quantified estimate of the project's carbon intensity values for life-cycle greenhouse gas emissions;
- Compare any project performance and expectations provided in the proposal to Energy Commission with actual project performance and accomplishments; and
- Collect data, information, and analysis described above and include in the Final Report.

Product:

- Data collection information and analysis will be included in the Final Report

Notice of Exemption

Appendix E

To: **Office of Planning and Research**
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

From: CA Energy Commission
Fuels and Transportation Division
Emerging Fuels and Technology Office
1516 Ninth Street
Sacramento, CA 95814

County Clerk
County of: Sacramento

Project Title: DC Fast Charging on I-5 and 99 Corridors

Project Applicant: International Association of Nanotechnology (dba) US Green Vehicle Council
Project Location - Specific:

Street	City	State	ZIP	County
12367 South Highway 33	Santa Nella	CA	95322	Merced
25020 West Dorris Avenue	Coalinga	CA	93210	Fresno
14684 Aloma Street	Lost Hills	CA	93249	Kern
5620 Del Sol Drive	Wheeler Ridge	CA	93203	Kern
28523 Westinghouse Place	Los Angeles	CA	91355	Los Angeles
1401 Carmelo Drive	Oceanside	CA	92054	San Diego
5045 Kingsley Road	Stockton	CA	95215	San Joaquin
750 Motel Drive	Merced	CA	95340	Merced
7191 West Kathryn Avenue	Fresno	CA	93722	Fresno
1100 North Cherry Street	Tulare	CA	93274	Tulare

Project Location - Cities: Santa Nella, Coalinga, Lost Hills, Wheeler Ridge, Los Angeles, Oceanside, Stockton, Merced, Fresno, and Tulare

Project Location - County: Merced, Fresno, Kern, Los Angeles, San Diego, San Joaquin, and Tulare
Description of Nature, Purpose and Beneficiaries of Project:

This Agreement is to install DC Fast Chargers for plug-in electric vehicles (PEV) at 10 locations along the I-5 and Highway 99 corridors throughout California. DC Fast Chargers allow PEV drivers to charge their vehicles significantly faster thus allowing PEV drivers travel farther through the State and to have the same experience as internal combustion vehicles.

Name of Public Agency Approving Project: CA Energy Commission
Name of Person or Agency Carrying Out Project: International Association of Nanotechnology (dba) US Green Vehicle Council

Exempt Status: (check one):

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: California Code of Regulations, title 14, §§ 15301 ("Existing Facilities"), 15303 ("New Construction or Conversion of Small Structures"), and 15304 ("Minor Alterations to Land").
- Statutory Exemptions. State code number: _____

Reasons why project is exempt: All power will be provided from the existing electrical panel and the work includes installations of conduit, wiring, electrical connections and mounting equipment. Minor trenching may be required to bring power from local sources to proposed charging stations. Thus, the project consists of minor alteration of existing facilities and/or mechanical equipment involving negligible or no expansion of use beyond that existing; including replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity and/or minor alterations to land, including minor trenching and backfilling where surface is restored.

Lead Agency: CA Energy Commission

Contact Person: Juan Garcia

Area Code/Telephone/Extension: (916) 654-3915

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: _____ Date: _____ Title: _____

Signed by Lead Agency Signed by Applicant Date Received for filing at OPR: _____

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: INTERNATIONAL ASSOCIATION OF NANOTECHNOLOGY (dba
US GREEN VEHICLE COUNCIL)

RESOLVED, that the State Energy Resources Conservation and Development Commission (Energy Commission) adopts the staff CEQA findings contained in the Agreement Request Form; and

RESOLVED, that the Energy Commission approves Agreement ARV-14-002 from PON-13-606 with **International Association of Nanotechnology (dba US Green Vehicle Council)** for a **\$500,000** grant to install 10 electric vehicle fast chargers along the I-5 and Highway 99 corridor at 10 locations in 10 cities throughout California; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the Energy Commission.

CERTIFICATION

The undersigned Secretariat to the Commission does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted at a meeting of the California Energy Commission held on July 22, 2014.

AYE: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

Harriet Kallemeyn,
Secretariat