

CONTRACT AMENDMENT REQUEST FORM (CARF)

CEC-276 (Revised 02/13)

CALIFORNIA ENERGY COMMISSION



Original Agreement #	600-12-016	Amendment #	1
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Division	Agreement Manager:	MS-	Phone
ERDD	Reynaldo Gonzalez	43	916-327-1334

Contractor's Legal Name	Federal ID Number
Concurrent Technologies Corporation	25-1556708

Revisions: (check all that apply)		
<input checked="" type="checkbox"/> Term Extension	New End Date: 9/29/2017	Include revised schedule and complete items A, B, C, D, & H below.
<input checked="" type="checkbox"/> Budget Augmentation	Amendment Amount: \$ 1,200,000	Include revised budget and complete items A, B, C, D, E, F, & H below.
<input type="checkbox"/> Budget Reallocation		Include revised budget and complete items A, B, C, D, & H below.
<input type="checkbox"/> Scope of Work Revision		Include revised scope of work and complete items A, B, C, D, & H below.
<input type="checkbox"/> Change in Project Location or Demonstration Site		Include revised scope of work and complete items A, B, C, D, G, & H below.
<input type="checkbox"/> DVBE Replacement		Include revised scope of work and complete items A, B, C, D, F, & H below.
<input type="checkbox"/> Novation/Name Change of Prime Contractor/Recipient		Include novation documentation and complete items A, C, D, & H below.
<input type="checkbox"/> Terms and Conditions Modification		Include applicable exhibits with bold/underline/strikeout and complete items A, B, C, D, & H below.

A) Business Meeting Information**Business Meeting approval is not required for the following types of Agreements:**

- Operational agreement (see CAM Manual for list) to be approved by Executive Director
- ARFVTP agreements under \$75K delegated to Executive Director.

Proposed Business Meeting Date	8/12/2015	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Reynaldo Gonzalez	Time Needed:	5 minutes

Please select one list serve. Select

Agenda Item Subject and Description

CONCURRENT TECHNOLOGIES CORPORATION. Proposed resolution approving amendment 600-12-016-01 with Concurrent Technologies Corporation for a \$1,200,000 contract to modify the budget and expand the data collection effort to fully assess the economic and technical viability of transforming military base tactical vehicles to plug-in electric drive vehicle drive vehicle participating in vehicle-to-grid services. This amendment will extend the term end date 18 months. (ARFVT funding) Contact Reynaldo Gonzalez. (Staff Presentation: 5 minutes)

B) Amendment Justification (For contract amendments only)

- Non Competitive Bid (Attach CEC 96)
- Exempt Select Exemption (see instructions)

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

Legal Company Name:	Budget	SB	MB	DVBE
Redhorse Corporation	\$ 96,000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

Legal Company Name:

E) Budget Information

Funding Source	Funding Year of Appropriation	Budget List No.	Amount
ARFVTP	14-15	601.118G	\$1,200,000
			\$
R&D Program Area:	EGRO: Transportation	TOTAL:	\$1,200,000
Explanation for "Other" selection			
Reimbursement Contract #:	Federal Agreement #:		



F) Disabled Veteran Business Enterprise Program (DVBE)

1. Exempt (Interagency/Other Government Entity)

2. Meets DVBE Requirements DVBE Amount:\$ 96,000.00 DVBE %: 3
 Contractor is Certified DVBE
 Contractor is Subcontracting with a DVBE: Redhorse Corporation

3. Contractor selected through CMAS or MSA with no DVBE participation.

4. Requesting DVBE Exemption (attach CEC 95)

G) 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: 14 CCR 15306
 Common Sense Exemption. 14 CCR 15061 (b) (3)
 Explain reason why Agreement is exempt under the above section:
 Class 6 - Basic data collection, research, experimental management, and resource evaluation activities that do not result in major disturbances to an environmental resource.

b) Agreement **IS NOT** exempt. (Consult with the legal office to determine next steps.)
 Check all that apply
 Initial Study Environmental Impact Report
 Negative Declaration Statement of Overriding Considerations
 Mitigated Negative Declaration

H) The following items should be attached to this CRF (as applicable)

1. Exhibit A, Scope of Work	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
2. Exhibit B, Budget Detail	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
3. CEC 96, NCB Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
4. CEC 95, DVBE Exemption Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
5. CEQA Documentation	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
6. Novation Documentation	<input type="checkbox"/> N/A	<input type="checkbox"/> Attached
7. CEC 105, Questionnaire for Identifying Conflicts		<input checked="" type="checkbox"/> Attached

 Agreement Manager Date Office Manager Date Deputy Director Date

Exhibit A
Attachment A-1
Schedule of Products and Due Dates

Task Number	Task Name	Product(s)	Due Date	Revised Planned Due Date Amd. 1
1.1	Attend Kick-off Meeting	Updated Schedule of Deliverables	8/15/2013	
		Updated List of Match Funds	8/15/2013	
		Updated List of Permits	8/15/2013	
		Kick-Off Meeting Agenda (CEC)	8/15/2013	
1.2	Critical Project Review Meetings	CPR Report - <u>1</u>	5/15/2014	6/26/2015
		CPR Report - 2		6/27/2016
		CPR Deliverables identified in the Scope of Work	5/30/2014	
1.3	Final Meeting	Written documentation of meeting agreements and all pertinent information	10/1/2015	8/1/2017
		Schedule for completing closeout activities	10/30/2015	9/29/2017
1.4	Quarterly Progress Reports	Quarterly Quarterly Monthly Progress Reports	The 10th calendar day of each quarter during the approved term of this Agreement	The 15th calendar day of each month during the approved term of this Agreement
1.5	Test Plans, Technical Reports and Interim Deliverables			
1.6	Final Report			
1.6.1	Final Report Outline	Draft Outline of the Final Report	7/15/2015	5/15/2017
		Final Outline of the Final Report	7/30/2015	5/30/2017
1.6.2	Final Report	Draft Final Report	8/14/2015	7/11/2017
		Final Report	8/31/2015	8/22/2017
1.7	Identify and Obtain Match Funds	A letter regarding match funds or stating that no match funds are provided	8/15/2013	8/15/2013
		Letter(s) for new match funds	Within 10 days of identifying new match funds	Within 10 days of identifying new match funds
		A copy of each match fund commitment letter	8/15/2013	8/15/2013
		Letter that match funds were reduced (if applicable)	Within 10 days of identifying reduced funds	Within 10 days of identifying reduced funds
1.8	Identify and Obtain Required Permits	Letter documenting the permits or stating that no permits are required	8/15/2013	8/15/2013
		Updated list of permits as they change during the term of the Agreement (if applicable)	Within 10 days of change in list of permits	Within 10 days of change in list of permits
		Updated Schedule for acquiring permits as it changes during the term of the agreement	Within 10 days of change in list of permits	Within 10 days of change in list of permits
		A copy of each approved permit (if applicable)	Within 10 days of receiving each permit	Within 10 days of receiving each permit
2	PROCURE PEV V2G TEST MATERIAL	RFQ for Test Material	10/1/2013	4/17/2014
		Draft Test Material Procurement Report	12/30/2013	6/13/2014
		Final Test Material Procurement Report	2/10/2014	TBD

Exhibit A
Attachment A-1
Schedule of Products and Due Dates

3	PROCURE EV BATTERY SYSTEMS AND DEVELOPMENTAL V2G CHARGING EQUIPMENT		
	RFQ for EV Battery Systems	10/1/2013	8/25/2014
	Draft EV Battery Systems Procurement Report	12/30/2013	12/23/2014
	Final EV Battery Systems Procurement Report	2/10/2014	TBD
	Requirements Document for V2G Charging Equipment	8/9/2013	2/4/2015
	RFQ Document for V2G Charging Equipment	8/30/2013	<u>2/16/2015</u>
	Draft V2G Charging Equipment Procurement Report	12/30/2013	2/26/2015
Final V2G Charging Equipment Procurement Report	2/10/2014	TBD	
4	TECHNICAL DOCUMENTS		
	Draft Test Plan	10/3/2013	9/22/2014
	Final Test Plan	11/5/2013	TBD
	Draft Test Procedure	12/5/2013	12/31/2014
	Final Test Procedure	1/6/2014	TBD
	<u>Field Demonstration Data Report</u>		6/30/2017
	Draft <u>Field Demonstration</u> Test Report	6/1/2015	7/5/2017
Final <u>Field Demonstration</u> Test Report	6/30/2015	TBD	
5	PERFORM LABORATORY RESEARCH AND TESTING		
	Technical <u>Preliminary Analysis Test</u> Report	6/1/2015	5/20/2016
	Laboratory Test Report		6/21/2017
	<u>Modeling Simulation and Analysis Technical Report</u>		5/26/2017
6	PRELIMINARY DESIGN FOR SECOND LIFE BATTERY APPLICATION		
	Second Life Requirements Document	5/2/2014	6/22/2015
	Design Package Document	5/18/2015	9/15/2015
6.1	<u>SECOND LIFE BATTERY DIAGNOSTICS</u>		
	<u>DoC Diagnostic Best Practices and Protocol</u>		<u>7/20/2017</u>
7	BENEFITS ANALYSIS AND TECHNOLOGY TRANSFER ACTIVITIES		
	Redacted copy of the Final Report submitted to DOD	Within 10 days of submission to DOD	

RESOLUTION NO:

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION - RE: CONCURRENT TECHNOLOGIES CORPORATION

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

RESOLVED, that the Energy Commission approves amendment 1 to Agreement 600-12-016 with **Concurrent Technologies Corporation** for a **\$1,200,000** contract amendment to modify the budget and expand the data collection effort to fully assess the economic and technical viability of transforming military base tactical vehicles to plug-in electric drive vehicles participating in vehicle-to-grid services. This amendment will extend the term end date 18 months; 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 August 12, 2015.

AYE: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

Tiffani Winter,
Secretariat