

GRANT/LOAN AMENDMENT

CEC-140 (Revised 9/11)

CALIFORNIA ENERGY COMMISSION


☒ Check here if additional pages are attached. 2 Pages

AGREEMENT NUMBER:

EPC-17-046

AMENDMENT NUMBER:

01

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

STATE AGENCY'S NAME

State Energy Resources Conservation and Development Commission

RECIPIENT'S NAME

SLAC National Accelerator Laboratory

2. The term of this Agreement: From: 05/11/2018 To: 09/29/20233. The maximum amount of this Agreement after this amendment is: \$ 3,068,781 (\$0 Amendment)

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:

The purpose of this amendment is to provide a 6-month no-cost term extension. Agreement EPC-17-046, approved by the Energy Commission on June 18, 2018, is amended as follows;

- Exhibit A, Attachment 1 Schedule of Products (2 Pages) is attached and replaces the previously approved Exhibit A, Attachment 1 Schedule of Products (2 pages) in its entirety.

RECIPIENT

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

SLAC National Accelerator Laboratory

BY (Authorized Signature)

DATE SIGNED (Do not type)

ADDRESS

STATE OF CALIFORNIA

AGENCY NAME

State Energy Resources Conservation and Development Commission

BY (Authorized Signature)

DATE SIGNED (Do not type)

NAME AND TITLE OF PERSON SIGNING

Adrienne Winuk, Contracts, Grants, and Loans Office Manager

ADDRESS

715 P Street, MS-18

Sacramento, CA 95814-5512

ENERGY RESEARCH, DEVELOPMENT, AND DEMONSTRATION AGREEMENTS
Exhibit A, Attachment A-1
EPC-17-046 / SLAC National Accelerator Laboratory
V. PROJECT SCHEDULE

Agreement Term: 05-11-2018 to 03-31-2023 09-29-2023

Within this Scope of Work, "**days**" means working days. Changes to due dates must be approved in writing by the CAM, and may require approval by the Energy Commission's Executive Director or his/her designee.

Task/ Subtask #	Task/Subtask Name	Meeting Name	Product(s)	AMD #1 Due Date	Due Date
1	General Project Tasks				
1.1	Products				
1.2	Kick-off Meeting	Kick-off Meeting			6/1/2018
			Updated Project Schedule <i>(if applicable)</i>		7 days after determination of the need to update the documents
			Updated List of Match Funds <i>(if applicable)</i>		
			Updated List of Permits <i>(if applicable)</i>		
			CAM Product		
			Kick-off Meeting Agenda		7 days prior to the kick-off meeting
1.3	CPR Meeting	CPR Meeting #1			9/12/2018
		CPR Meeting #2 <i>(to be deleted by the CAM if inapplicable)</i>		3/31/2023	9/12/2022
			CPR Report		15 days prior to the CPR meeting
			Task Product(s)		
			CAM Products		
			CPR Agenda		5 days prior to the CPR meeting
			List of Expected CPR Participants		
			Schedule for Providing a Progress Determination		15 days after CPR meeting
			Progress Determination		As indicated in the Schedule for Providing a Progress Determination
1.4	Final Meeting	Final Meeting		4/28/2023	11/30/2022
			Final Meeting Agreement Summary <i>(if applicable)</i>		7 days after the final meeting
			Schedule for Completing Agreement Closeout Activities		
			All Draft and Final Written Products		
1.5	Progress Reports and Invoices		Progress Reports		10 days after the first of each month
			Invoices		10 days after the first of each month or quarter
1.6	Final Report				
1.6.1	Final Report Outline		Draft Final Report Outline		5/31/2022
			Final Report Outline		As determined by the CAM
			CAM Product		
			Style Manual		At least 2 months prior to the final report outline due date
			Comments on Draft Final Report Outline		10 days after receipt of the Draft Final Report Outline
			Approval of Final Report Outline		10 days after receipt of the Final Report Outline
1.6.2	Final Report		Draft Final Report		7/29/2022
			Final Report	12/16/2022	9/30/2022
			CAM Products		
			Comments on Draft Final Report Outline		30 days after receipt of the Draft Final Report

ENERGY RESEARCH, DEVELOPMENT, AND DEMONSTRATION AGREEMENTS
Exhibit A, Attachment A-1
EPC-17-046 / SLAC National Accelerator Laboratory
V. PROJECT SCHEDULE

Task/ Subtask #	Task/Subtask Name	Meeting Name	Product(s)	AMD #1 Due Date	Due Date
1.7	Match Funds		Match Funds Status Letter		2 days prior to the kick-off meeting
			Supplemental Match Funds Notification Letter (<i>if applicable</i>)		10 days after receipt of additional match funds
			Match Funds Reduction Notification Letter (<i>if applicable</i>)		10 days after any reduction of match funds
1.8	Permits		Permit Status Letter		2 days prior to the kick-off meeting
			Updated List of Permits (<i>if applicable</i>)		10 days after determination of the need for a new permit
			Updated Schedule for Acquiring Permits (<i>if applicable</i>)		7 days after finalization of the TAC
			Copy of Each Approved Permit (<i>if applicable</i>)		7 days after receipt of each permit
1.9	Subcontracts		Draft Subcontracts (<i>if required by the CAM</i>)		As determined by the CAM
			Final Subcontracts		
1.10	Technical Advisory Committee (TAC)		List of Potential TAC Members		2 days prior to the kick-off meeting
			List of TAC Members		7 days after finalization of the TAC
			Documentation of TAC Member Commitment		7 days after receipt of the documentation
1.11	TAC Meeting	TAC Meeting #1			9/12/2018
		TAC Meeting #2			9/11/2019
		TAC Meeting #3			9/9/2020
		TAC Meeting #4			9/15/2021
		TAC Meeting #5		4/6/2023	9/7/2022
			Draft TAC Meeting Schedule		20 days after the kickoff meeting
			Final TAC Meeting Schedule		10 days after the first TAC meeting
			Draft TAC Meeting Agendas		20 days prior to each TAC meeting
			TAC Meeting Back-up Materials		
			Final TAC Meeting Agenda		7 days prior to each TAC meeting
			TAC Meeting Summaries		10 days after each TAC meeting
Technical Tasks					
2	Requirements Analysis		HiPAS GridLAB-D Release Requirements Presentation		9/30/2019
3	Software Implementation	CPR Meeting 1	Email Notification of Release Candidate 1 to CAM		9/30/2020
			Software Implementation Presentation		9/30/2020
			Software Design Implementation CPR Report		9/30/2020
4	Performance Analysis	CPR Meeting 2	Email Notification of Release Candidate 2 to CAM		9/30/2021
			Performance Evaluation Presentation		9/30/2021
			Performance Analysis CPR Report	12/2/2022	9/30/2021
5	Integrated Production Release		Final Production Release Presentation	3/17/2023	9/30/2022
6	Evaluation of Project Benefits		Kick-off Meeting Benefits Questionnaire		10 days after the kick-off meeting
			Mid-term Benefits Questionnaire	12/16/2022	9/30/2021
			Final Meeting Benefits Questionnaire	5/12/2023	10 days after the final meeting
7	Technology/Knowledge Transfer Activities		Updated Progress Power Point Slide		First Tuesday of each Month
			CAM Site Visit Schedule		7 days prior to the kick-off meeting
			Draft Initial Fact Sheet		9/30/2022
			Final Initial Fact Sheet		12/30/2022
			Draft Final Project Fact Sheet	12/16/2023	9/30/2022
			Final Project Fact Sheet	3/17/2023	12/30/2022
			Draft Presentation Materials	3/31/2023	9/30/2022
			Final Presentation Materials	4/14/2023	12/30/2022
			Draft Technology/Knowledge Transfer Plan		9/28/2018
			Final Technology/Knowledge Transfer Plan	10/31/2022	12/28/2018
			Draft Technology/Knowledge Transfer Report	12/16/2022	9/30/2022
			Final Technology/Knowledge Transfer Report	3/31/2023	12/30/2022