

**Exhibit B, Attachment B-2
Budget**

Category Budget

Name of Organization	SLAC National Accelerator Laboratory
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Cost Category	Energy Commission Reimbursable Share	Match Share	Total
Direct Labor	\$ 379,170	\$ -	\$ 379,170
Fringe Benefits	\$ 82,659	\$ -	\$ 82,659
Total Labor	\$ 461,829	\$ -	\$ 461,829
Travel	\$ 2,000	\$ -	\$ 2,000
Equipment		\$ -	\$ -
Materials/Miscellaneous	\$ 79,114	\$ -	\$ 79,114
Subcontractors	\$ 89,775	\$ 30,000	\$ 119,775
Total Other Direct Costs	\$ 170,889	\$ 30,000	\$ 200,889
Indirect Costs	\$ 367,282	\$ -	\$ 367,282
Profit (not allowed for grant recipients)	\$ -	\$ -	\$ -
Total Indirect and Profit	\$ 367,282	\$ -	\$ 367,282
Grand Totals	\$ 1,000,000	\$ 30,000	\$ 1,030,000
Amount of funds to be Spent in California**	\$ 901,000		
Percentage of Funds to be spent in California	90.1%		

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Direct Labor (Unloaded)

SLAC National Accelerator Laboratory

Hourly Rates

Employee Name	Job Classification / Title	Maximum Labor Rate (\$ per hour)	# of Hours	Energy Commission Funds	Match Share	
David Chassin, TBD	Staff Scientist	\$ 150.00	500	\$ 50,153	\$ -	\$ 50,153
Various	Associate Staff Scientist	\$ 100.00			\$ -	\$ -
Various	Post-Doctoral Research Affiliate	\$ 75.00	3,120	\$ 93,233	\$ -	\$ 93,233
Mayank Malik, TBD	Computer Specialist	\$ 170.00	624	\$ 64,305	\$ -	\$ 64,305
Various	Engineer	\$ 100.00	637	\$ 25,955	\$ -	\$ 25,955
Various	Project Engineer	\$ 100.00				\$ -
Various	Graduate Student	\$ 75.00	2,600	\$ 108,552		\$ 108,552
TBD	Financial Analyst	\$ 100.00				\$ -
TBD	Financial and Grants Administrator	\$ 100.00	624	\$ 36,972	\$ -	\$ 36,972
TBD	Senior Staff Scientist	\$ 200.00				\$ -
TBD	Project Manager	\$ 100.00				\$ -
TBD	Assistant/Associate Professor	\$ 150.00			\$ -	\$ -
Hourly Direct Labor Totals				\$ 379,170	\$ -	\$ 379,170

Monthly Salary Rates

Employee Name	Job Classification / Title	Maximum Labor Rate (\$ per month)	# of Months	Energy Commission Funds	Match Share	Total
		\$ -		\$ -	\$ -	\$ -
Monthly Direct Labor Totals				\$ -	\$ -	\$ -

	Energy Commission Funds	Match Share	Total
Direct Labor Grand Totals	\$ 379,170	\$ -	\$ 379,170

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Fringe Benefits

SLAC National Accelerator Laboratory

Fringe Benefit Base Description (Employee or Job Classification/Title)	Max. Fringe Benefit Rate (%)	Direct Labor Costs (\$)	Energy Commission Funds	Match Share	Total
Staff Scientist, Project Engineer, Associate Staff Scientist, Engineer, Computer Specialist, Financial Analyst, Financial and Grant Administrator, Senior Staff Scientist, Project Manager, Assistant/Associate Professor	80.00%	\$ 177,385	\$ 55,726	\$ -	\$ 55,726
Post-Doctoral Research Affiliates	70.00%	\$ 93,233	\$ 21,071	\$ -	\$ 21,071
Graduate Student	70.00%	\$ 108,552	\$ 5,862	\$ -	\$ 5,862
	0.00%	\$ -	\$ -	\$ -	\$ -
Fringe Benefit Totals		\$ 379,170	\$ 82,659	\$ -	\$ 82,659

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Travel

SLAC National Accelerator Laboratory

Task No.	Traveler's Name and/or Classification	Departure and Destination	Trip Purpose	Energy Commission Funds	Match Share	Total
1-8	Staff Scientist, Project Engineer, Associate Staff Scientist, Computer Specialist, Engineer, Financial Analyst, Grant Administrator, Senior Staff Scientist, Project Manager, Assistant/Associate Professor, Postdoctoral, Graduate Student	Menlo Park, CA to Sacramento, CA	Data Gatherings, Collaborations, and Project Reviews	\$ 2,000	\$ -	\$ 2,000
				\$ -	\$ -	\$ -
Total:				\$ 2,000	\$ -	\$ 2,000

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Equipment

SLAC National Accelerator Laboratory

Task No.	Vendor	Description	Purpose	# Units	Unit Cost	Energy Commission Funds	Match Share	Total
					\$ -	\$ -	\$ -	\$ -
					\$ -	\$ -	\$ -	\$ -
					\$ -	\$ -	\$ -	\$ -
Total:						\$ -	\$ -	\$ -

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Materials & Miscellaneous

SLAC National Accelerator Laboratory

Task No.	Description	Purpose	# Units	Unit Cost	Energy Commission Funds	Match Share	Total
1 - 8	Computers and/or Laptops	Simulations, Data Analysis	2	\$ 3,000	\$ 6,000	\$ -	\$ 6,000
1 - 8	Amazon Web Service	Simulations, Data Analysis, Storing	1	\$ 3,939	\$ 3,939	\$ -	\$ 3,939
1 - 8	Tuition and fees for the graduate students	Tuition and fees for the graduate students	2.5	\$ 27,670	\$ 69,175	\$ -	\$ 69,175
					\$ -	\$ -	\$ -
Total:					\$ 79,114	\$ -	\$ 79,114

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Subcontracts

SLAC National Accelerator Laboratory

Task No.	Subcontractor Name	Purpose	CA Business Certifications DVBE/ SB/MB/None	Energy Commission Funds	Match Share	Total
1, 2, 6, 7, 8	Green Technology Leadership Group DBA Gridworks Organization	Stakeholders liason, requirement development and product rollouts	SB	\$ 39,964	\$ -	\$ 39,964
5, 6	National Grid	Testing and validation	None		\$ 30,000	\$ 30,000
3, 4, 5	DOE-Pacific Northwest National Laboratory	Requirements and Coding	None	\$ 49,811	\$ -	\$ 49,811
					\$ -	\$ -
Total:				\$ 89,775	\$ 30,000	\$ 119,775

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Indirect Costs and Profit

SLAC National Accelerator Laboratory

Indirect Cost(s)

Name of Indirect Cost	Maximum Rate	Indirect Cost Base Description	Indirect Cost Base Amount	Energy Commission Funds	Match Share	Total
Total Indirect Overhead	120.00%	Direct Labor + Fringe + Other Direct Costs (Travel, Material and Miscellaneous, and Subcontractors)	\$ 632,718	\$ 367,282	\$ -	\$ 367,282
	0.00%		\$ -	\$ -	\$ -	\$ -
Total:				\$ 367,282	\$ -	\$ 367,282

Profit

(Profit is not allowed for Grant Recipients)

Profit Rate	Profit Base Description	Profit Base Amount	Energy Commission Funds	Match Share	Total
0.00%		\$ -	\$ -	\$ -	\$ -
Total:			\$ -	\$ -	\$ -