



NOTICE OF PROPOSED AWARDS Grant Solicitation, GFO-20-605 BESTFIT Innovative Charging Solutions

September 9, 2021

On August 7, 2020, the California Energy Commission (CEC) released a Grant Solicitation and Application Package entitled "BESTFIT Innovative Charging Solutions" under the Clean Transportation Program. This grant solicitation was an offer to fund projects that demonstrate transformative technology solutions and work to accelerate the successful commercial deployment of electric vehicle (EV) charging for both light-duty (LD) and medium- and heavy-duty (MD/HD) applications.

The grant solicitation announced a total of \$7.5 million available for the agreements resulting from this solicitation. The funding was broken down into two vehicle sectors and three Areas of Focus. In accordance with the solicitation, the CEC, at its sole discretion, reserves the right to increase or reduce the amount of funds available and the amount of funding allocated to a vehicle sector.

Funds were added to this solicitation and the CEC is revising this NOPA as follows:

- 1) Award and fully fund 4 additional projects in the light-duty vehicle sector that passed the solicitation scoring, but were not funded due to unavailable funds.
- 2) Award and fully fund 3 additional projects in the medium- and heavy-duty vehicle sector that passed the solicitation scoring, but were not funded due to unavailable funds.

The attached table, "First Revised Notice of Proposed Awards", reflects these changes using strikethrough and bold/underline.

Funding of proposed projects resulting from this solicitation is contingent upon the approval of these projects at a publicly noticed CEC Business Meeting and execution of a grant agreement. Please note that the funds added to this solicitation come from general funds, not Clean Transportation Program funding. As such, proposed awardees may not spend match funds until their agreement is executed at the CEC Business Meeting. The CEC reserves the right to negotiate with applicants to modify the project scope, the level of funding, or both. If the CEC is unable to successfully negotiate and

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execute a funding agreement with an applicant, the CEC, at its sole discretion and in addition to all of its other rights, reserves the right to cancel the pending award and fund the next eligible application.

This notice is posted on the CEC's website at: <https://www.energy.ca.gov/funding-opportunities/awards>.

Questions and debriefing requests should be directed to:

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**California Energy Commission
Clean Transportation Program
GFO-20-605**

**BESTFIT Innovative Charging Solutions
First Revised Notice of Proposed Awards
September 9, 2021**



Light-Duty Vehicle Sector - Proposed Awards*

Proposal Number	Applicant	Project Title	Area of Focus	Funds Requested	Proposed Award	Match Amount	Score ¹	Recommendation
13	FLO Services USA, inc.	Unlocking Existing Utility Assets for Curbside EV Charging	2	\$750,000	\$750,000	\$250,000	84.25%	Awardee
27	Rhombus Energy Solutions	Demonstrate Solar-Storage-Equipped Quad-Port High-Power Vehicle-to-Vehicle Mobile Charging Solution for Light-Duty EVs in the City of Chula Vista	2	\$998,320	\$998,320	\$433,659	84.19%	Awardee
22	Powerflex Systems	EV Driver Response, Informed, and Validated Ecosystem (EVDRIVE)	3	\$699,737	\$699,737	\$631,421	84.00%	Awardee
12	EVmatch, Inc.	EVmatch Reservation-Based Shared EV Charging in Multi-Family Properties	1	\$728,250	\$728,250	\$439,259	83.25%	Awardee
15	HummingbirdEV	The Advanced Vehicle-to-Vehicle Mobile Charging Project	3	\$998,287	\$998,287	\$473,904	82.44%	Awardee
5	ChargePoint, Inc.	Light-Duty Electric Vehicle Fleet Charging Project	1	\$996,060	\$996,060	\$393,835	82.19%	Awardee
2	Andromeda Power, LLC	ELEVATE - ELeetric Vehicle AdapTEr	2	\$949,183	\$949,183	\$679,100	82.00%	Awardee
10	Eneridge, Inc.	120 kW Ultrafast Charger with Integrated-Battery Packs	2	\$1,000,000	\$1,000,000	\$343,200	81.50%	Awardee
7	ConnectMyEV Inc.	Robotic Charging Station for Electric Vehicles	3	\$998,950	\$998,950	\$350,468	80.88%	Awardee
Subtotal				\$8,118,787 \$4,174,594	\$8,118,787 \$4,174,595	\$3,994,846 \$2,228,243		

*** Note that the funds added to this solicitation come from general funds, not Clean Transportation Program funding. As such, the new proposed awardees in this Revised NOPA may not spend match funds until the agreement is executed at the CEC Business Meeting**

Light-Duty Vehicle Sector - Passed But Not Funded

Proposal Number	Applicant	Project Title	Area of Focus	Funds Requested	Proposed Award	Match Amount	Score	Recommendation
5	ChargePoint, Inc.	Light-Duty Electric Vehicle Fleet Charging Project	1	\$996,060	\$0	\$393,835	82.19%	Finalist
2	Andromeda Power, LLC	ELEVATE - ELeetric Vehicle AdapTEr	2	\$949,183	\$0	\$679,100	82.00%	Finalist
10	Eneridge, Inc.	120 kW Ultrafast Charger with Integrated Battery Packs	2	\$1,000,000	\$0	\$343,200	81.50%	Finalist
7	ConnectMyEV Inc.	Robotic Charging Station for Electric Vehicles	3	\$998,950	\$0	\$350,468	80.88%	Finalist
11	EV.ENERGY Corp.	Zero-carbon EV charging	2	\$425,000	\$0	\$175,000	80.06%	Finalist
17	MOEV, Inc.	AI Based System to Maximize Utilization of EV Charging Infrastructure to Minimize Electricity Cost	1	\$749,325	\$0	\$3,889,003	78.75%	Finalist

25	Qmulus, LLC	Networking Residential EV Drivers using the Smart Charge Adapter	2	\$374,749	\$0	\$131,341	77.81%	Finalist
1	Andromeda Power, LLC	RELIEVE and ERASE	2	\$870,558	\$0	\$965,397	77.69%	Finalist
28	Rolling Energy Resources	Hardware-Free Electric Vehicle Monitoring and Charging Controls	2	\$502,668	\$0	\$179,932	77.00%	Finalist
3	BMW of North America, LLC	BMW BESTFIT Charging Infrastructure Integration	2	\$999,916	\$0	\$617,315	76.69%	Finalist
8	ElectricFish Energy, Inc.	Building Microgrids to Power Extreme Fast EV Charging (XFC)	1	\$1,000,000	\$0	\$2,100,000	76.63%	Finalist
23	Powertree Services, Inc.	Powertree Services Minimal Upgrade EVSE Systems for MUD and Condominiums	2	\$999,700	\$0	\$395,500	76.63%	Finalist
4	ChargeNet	Integrating Point-of-Sale with DC Fast Charging and Renewables	3	\$1,000,000	\$0	\$333,333	76.63%	Finalist
Subtotal				\$6,921,916	\$0	\$8,786,821		
				\$10,866,109	\$0	\$10,553,424		

Medium- and Heavy-Duty Vehicle Sector - Proposed Awards*

Proposal Number	Applicant	Project Title	Area of Focus	Funds Requested	Proposed Award	Match Amount	Score	Recommendation
18	Momentum Dynamics Corporation	Innovative Wireless Charging for Public Transit Project	3	\$1,700,000	\$1,700,000	\$3,369,520	86.94%	Awardee
9	Electriphi, Inc.	The Sacramento Electric School Bus - Vehicle-Grid-Integration Project (ESB-VGI Project)	2	\$1,450,983	\$1,450,983	\$561,125	86.50%	Awardee
31	Wattever, Inc.	21st Century Truck Stop - 1st Public MD/HD Charging Station in California	2	\$1,000,000	\$1,000,000	\$2,963,432	86.00%	Awardee
30	Volvo Technology of America, LLC	Volvo Electrified Corridor for Medium and Heavy-Duty Battery Electric Vehicles	3	\$2,000,000	\$2,000,000	\$3,411,987	83.06%	Awardee
6	ChargePoint, Inc.	ChargePoint Depot Charging Pantograph Solution	3	\$1,999,154	\$1,999,154	\$767,556	81.94%	Awardee
26	Rail Propulsion Systems LLC	Wireless Power Transfer Charging System for Battery-Electric Locomotive	3	\$270,000	\$270,000	\$95,000	81.31%	Awardee
Subtotal				\$8,420,137	\$8,420,137	\$11,168,620		
				\$4,150,983	\$4,150,984	\$6,894,077		

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Medium- and Heavy-Duty Vehicle Sector - Passed But Not Funded

Proposal Number	Applicant	Project Title	Area of Focus	Funds Requested	Proposed Award	Match Amount	Score	Recommendation
30	Volvo Technology of America, LLC	Volvo Electrified Corridor for Medium and Heavy-Duty Battery Electric Vehicles	3	\$2,000,000	\$0	\$3,411,987	83.06%	Finalist
6	ChargePoint, Inc.	ChargePoint Depot Charging Pantograph Solution	3	\$1,999,154	\$0	\$767,556	81.94%	Finalist
26	Rail Propulsion Systems LLC	Wireless Power Transfer Charging System for Battery Electric Locomotive	3	\$270,000	\$0	\$95,000	81.31%	Finalist

16	HummingbirdEV	The Central Valley Medium-Duty Vehicle-to-Vehicle Mobile Charger Project	3	\$1,497,962	\$0	\$431,438	80.44%	Finalist
20	Penske Truck Leasing Co., L.P.	Maximizing Vehicle Uptime with Rescue and Backup Chargers for medium- and heavy-duty (MHD) Applications	2	\$329,250	\$0	\$109,899	79.06%	Finalist
19	Nuue Corporation	Grid Integrated Last Mile Delivery (GI-LMD)	2	\$2,000,000	\$0	\$1,755,101	78.10%	Finalist
21	Phoenix Cars LLC	Industry First Integration of a Class 4 Zero Emission Vehicle with Wireless Charging Capability	3	\$962,524	\$0	\$320,841	75.69%	Finalist
24	Proterra, Inc.	Charge Management of HD/MD Battery Electric Fleet Vehicles	2	\$2,000,000	\$0	\$666,667	74.63%	Finalist
Subtotal				\$6,789,736	\$0	\$3,283,946		
				\$11,058,890		\$7,558,489		

Medium- and Heavy Duty Vehicle Sector Area of Focus-3 - Did Not Pass

Proposal Number	Applicant	Project Title	Area of Focus	Funds Requested	Proposed Award	Match Amount	Score	Recommendation
14	GreenPower Motor Company	Electric Airport Shuttle Bus with Shared High-Speed Charging (EVShuttleCharge)	3	\$1,558,879	\$0	\$990,881	68.60%	Did Not Pass
29	Terminalift LLC	Terminalift LLC/RISE Lift-Regen	2	\$1,871,621	\$0	\$623,873	66.81%	Did Not Pass
Subtotal				\$3,430,500	\$0	\$1,614,754		

Total Funds Requested	Total Proposed Awards	Total Match Proposed
\$33,681,076	\$16,538,924 \$8,325,577	\$28,848,987