

CALIFORNIA ENERGY COMMISSION

DIVISION OF FINANCIAL SERVICES
GRANTS & LOANS
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**REVISED****NOTICE OF PROPOSED AWARD****Alternative and Renewable Fuel and Vehicle Technology Program
Grant Solicitation PON-09-004
Medium- & Heavy-Duty Advanced Vehicle Technology****January 28, 2011**

On November 25, 2009, the California Energy Commission (Energy Commission) released a Grant Solicitation Application Package entitled “Medium- & Heavy-Duty Advanced Vehicle Technology” under the Alternative and Renewable Fuel and Vehicle Technology Program. This grant solicitation was an offer to fund projects that develop commercialization of advanced medium- and heavy-duty vehicle technologies. The grant solicitation announced that the maximum funding available for this solicitation was \$9.5 million; however the Energy Commission reserved the right to increase this amount up to \$12 million. In this Revised Notice of Proposed Awards to the Notice of Proposed Awards released May 28, 2010 and subsequently revised on June 11, 2010, the total funding has been increased to \$12 million.

The attached table, “Revised Notice of Proposed Awards”, identifies each applicant selected to receive funding, the project title, the amount of recommended funding by the Transportation Committee, and scoring information. Funding of the Medium- & Heavy-Duty Advanced Vehicle Technology grant solicitation projects is contingent upon the approval of these projects during an Energy Commission Business Meeting, and execution of a grant agreement.

This notice is being mailed to all parties who submitted a proposal to this solicitation that has had a change in their results and is also posted on the Energy Commission’s web site at: <http://www.energy.ca.gov/contracts/index.html>.

Questions should be directed to: David Nichols, Grants Officer
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California Energy Commission
Alternative and Renewable Fuel and Vehicle Technology Program
Solicitation PON-09-004
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REVISED - January 28, 2011



Notice of Proposed Awards

Proposal Number	Applicant	Project Title	Funds Requested	Proposed Award	Score	Rank
Proposed Awards						
5	Daimler Trucks	Daimler Advanced Hybrid Electric NG HD Truck Project	\$2,100,000	\$0 \$2,100,000	90.8%	Cancelled
3	Parker-Hannafin Corporation Coca-Cola Enterprises	Series Hydraulic-Hybrid Drivetrain Implementation in Coke Beverage Delivery Trucks	\$750,000	\$750,000	86.7%	Awardee
10	Kenworth Truck Company	Deployment of a Next Generation Alternative Fuel Power Truck	\$1,458,735	\$1,458,735	83.1%	Awardee
45	GTI	Late Stage Development, Demonstration, and Product Launch of Cummins Westport ISX11.9 G natural gas engine	\$1,777,364	\$1,777,364	82.9%	Awardee
7	ISE Corporation	Battery Electric Transit Bus	\$888,595	\$888,595	82.8%	Awardee
6	Motiv Power Systems, Inc.	Prototype Shuttle for Motiv's Power Control System	\$1,345,552	\$1,345,552	81.1%	Awardee
47	Terex	Terex Utilities HyPower Hybrid Demonstrations	\$494,678	\$494,678	81.0%	Awardee
49	Electric Vehicles International	Range-Extended EV Medium-Duty Pickup Truck Application	\$2,569,367	\$2,569,367 \$1,453,053	80.8%	Awardee
41	Cummins Inc	Ultra-Low Carbon Powertrain Program	\$9,145,353	\$2,715,707	80.6%	Awardee
TOTAL FUNDING RECOMMENDED			\$20,529,644	\$11,999,998 \$9,967,977		

Proposal Number	Applicant	Project Title	Funds Requested	Proposed Award	Score	Rank
Passed But Not Funded						
16	City of Los Angeles Harbor Dept.	Port of Los Angeles Zero-Emission Heavy-Duty Truck Project	\$2,030,000	\$0	80.5%	Finalist
22	BAF Technologies, Clean Energy, Altec, AT&T	Compressed Natural Gas Aerial Lift Trucks for California	\$6,499,200	\$0	80.5%	Finalist
44	Transpower	ElecTruck: demonstration and Commercialization of Heavy Duty Battery Electric Trucks	\$759,259	\$0	79.3%	Finalist
17	Western Riverside Council of Governments	WRCOG Medium and Heavy duty Replacement Project	\$6,496,715	\$0	78.9%	Finalist
29	Utilimaster	Development and Commercialization of an Advanced Fuel-Efficient Class 3 Truck	\$2,283,519	\$0	78.3%	Finalist
21	Sturman Industries	ADPT™: An Efficient and Flexible Hydraulic and Electric Hybrid Powertrain	\$4,280,499	\$0	78.3%	Finalist
26	Lotus Engineering	Alternative and Renewable Low Carbon Fuel Demonstration at the POLA	\$4,040,000	\$0	78.1%	Finalist
32	Electricore Inc.	Solid Oxide Fuel Cell Auxiliary Power Unit Idle Reduction Demonstration	\$1,100,000	\$0	77.9%	Finalist
12	Westport	Fuel Supply Pressure Management System for Heavy Duty Vehicles	\$721,745	\$0	77.7%	Finalist
46	Odyne Systems, LLC	Advanced PHEV and Retro-fit Project	\$6,726,389	\$0	77.2%	Finalist
48	Electric Vehicles International	Range Extended EV Medium-Duty and Utility Application	\$2,284,617	\$0	75.9%	Finalist
33	Boulder Electric Vehicle	Design, Manufacture, Deploy, and Collect Data on 30 Electric Trucks	\$3,000,000	\$0	75.9%	Finalist
36	Parker Hannifin	Parker-Autocar Natural Gas and Hydraulic Hybrid Recycling Truck	\$3,000,000	\$0	75.6%	Finalist
19	Robertson's Ready Mix Company	CNG Concrete Mixers	\$4,000,000	\$0	75.1%	Finalist

Proposal Number	Applicant	Project Title	Funds Requested	Proposed Award	Score	Rank
34	Raser Technologies	Raser Technologies' Electric Fleet Truck Commercialization Program	\$1,996,303	\$0	74.8%	Finalist
15	Freightliner Custom Chassis Corporation	Advanced series powersplit Hydraulic Hybrid Drivetrain implementation in UPS delivery vehicles	\$2,253,430	\$0	74.7%	Finalist
38	Wrightspeed	Wrightspeed Digital Drive System Commercialization	\$2,500,000	\$0	73.7%	Finalist
14	ElectraDrive	Add-On Electric Drive Pilot Project for Medium-Duty Vehicles	\$500,703	\$0	73.5%	Finalist
18	Breathe California of the Bay Area	San Jose Zero Emission Heavy Duty Vehicles and Solar Fueling	\$1,932,577	\$0	73.2%	Finalist
43	Westport Power, Inc.	Commercialization of HPDI on Volvo/Mack Heavy Duty Truck Engines	\$6,856,766	\$0	73.2%	Finalist
50	Electric Vehicles International	Range-extended EV off-road Heavy Duty terminal tractor & Port Application	\$2,467,937	\$0	72.3%	Finalist
40	Foothill Transit	Ecoliner electric Bus Demonstration Project	\$2,160,000	\$0	72.3%	Finalist
20	City of Riverside-Public Utilities	Riverside Public Utilities Emissions Reduction Project	\$91,044	\$0	71.6%	Finalist
35	Efficient Drivetrains Inc. (EDI)	High Efficiency Medium Duty Plug-In Hybrid Electric Drivetrain	\$1,179,479	\$0	70.9%	Finalist
25	Gillig LLC	DME Heavy Duty Vehicle Technology Demonstration Project	\$7,570,000	\$0	70.7%	Finalist
Did Not Pass						
24	Navistar Inc	3 kW of Usable Electricity from Heavy Truck Exhaust	\$2,999,465	\$0	68.6%	Did Not Pass
2	Universal Waste Systems	3CNG Refuse Trucks	\$380,000	\$0	68.6%	Did Not Pass
30	Vision Motor Corporation	Demonstration of (ZEV) Hydrogen Fuel Cell Heavy-Duty Class 8 Short Haul Trucks	\$1,000,000	\$0	65.5%	Did Not Pass
4	Eaton	Transmission Integrated Hydraulic Hybrid	\$2,132,139	\$0	62.0%	Did Not Pass

Proposal Number	Applicant	Project Title	Funds Requested	Proposed Award	Score	Rank
11	US Hybrid	Plug-In Hybrid Electric Class 8 Truck	\$1,654,574	\$0	60.8%	Did Not Pass
23	Automotive Technology Group	Engineer, Manufacture and Test Electric Medium Duty Demonstration Truck	\$2,000,000	\$0	60.8%	Did Not Pass
39	Enova	Advanced Development and Manufacture of Electric Vehicle (EV) Components	\$1,800,000	\$0	58.8%	Did Not Pass
27	The Regents of the University of California, UC San Diego	All Electric CNG Micro-Turbine Transit Bus Demonstration Project	\$2,441,729	\$0	57.9%	Did Not Pass
13	AHL-TECH	Demonstration and Testing of Two AHL-TECH Ethanol-Electric Hybrid Locomotives	\$2,060,000	\$0	54.4%	Did Not Pass
9	Eaton Corporation	Series Hydraulic-Hybrid (SHH) System for medium duty gasoline powered commercial vehicles	\$1,933,039	\$0	51.5%	Did Not Pass
8	Parker-Aburi Systems, NanoResearch Inc.	Advanced Rechargeable Battery for Hybrid Electric Medium-duty Truck	\$960,180	\$0	50.5%	Did Not Pass
37	ACG, Inc.	Serial Hybrid 10,001-13,999 GVW (4x4 Off-Road Capable) Truck	\$600,000	\$0	42.8%	Did Not Pass
28	Advanced Engine Technology Co.	Advanced Medium- or Heavy-duty Vehicles - Integrated Hydrogen Generation System	\$19,000,000	\$0	38.4%	Did Not Pass
31	Stan Warner	Extended Operational Testing of On-Board Hydrogen Generator	\$400,000	\$0	32.0%	Did Not Pass
42	TIAX LLC	Demonstration of Arvin Meritor DMHP in Class 8 LNG Trucks	\$2,993,283	\$0	0.0%	Disqualified

Expiration: 2/8/2011