

APPENDIX E

**AUXILIARY POWER UNITS AND
OTHER IDLE REDUCTION TECHNOLOGIES**

PROJECT APPLICATION

March 10, 2006

**Carl Moyer Memorial Air Standards Attainment Program
MULTIDISTRICT AUXILIARY POWER UNITS and
OTHER IDLE REDUCTION TECHNOLOGIES
APPLICATION**

This application is for incentive funds to offset the incremental cost of reducing idling emissions from on-road heavy-duty vehicles which operate in more than one air district. All projects must be multidistrict projects, achieve emission reductions beyond all regulatory requirements, meet the minimum Carl Moyer Program eligibility criteria described in the January 6, 2006 Carl Moyer Program Guidelines and the 2006 Carl Moyer Program Advisories, and comply with the specific requirements of this solicitation. The 2006 Carl Moyer Program Guidelines and Advisories can be viewed at: <http://www.arb.ca.gov/msprog/moyer/moyer.htm>.

Applicants are required to submit all items in the checklist on page E-2. Project implementation plans should, at a minimum, indicate who will do the work, whether or not they have successfully completed similar projects in a timely manner, and when the work will be completed. Project cost information, including cost-effectiveness calculations, vendor quotes and other documentation substantiating cost data requested in this application must also be provided.

A pre-bid conference will be held Monday, April 3, 2006, from 1:00 p.m. to 4:00 p.m. in Training Room 1 at the Air Resources Board facility located at 1001 I Street, Sacramento, California. Applicants choosing to attend may do so in person or via conference call. The call-in number is (866) 709-8551 and the participant code is 3291241. The intent of the pre-bid conference is to provide potential project applicants with an opportunity to ask clarifying questions regarding general project requirements and specific technology questions. Written questions submitted before the bidders conference will be given priority. Questions may be e-mailed to Ms. Stacy Dorais at sdorais@arb.ca.gov, or faxed to Ms. Dorais at (916) 322-3923. Questions may be submitted up to the close of business Wednesday, March 29, 2006. The questions and answers will be posted on the ARB website no later than Thursday, April 6, 2006. Questions will not be answered before or after the pre-bid conference. Any verbal communication with an ARB employee concerning this solicitation is not binding on the State and shall in no way alter a specification, term or condition of the solicitation.

In accordance with the Guidelines, applicants must disclose if they have applied for or received public financial assistance that reduces the project cost, including tax credits or deductions, grants, or any other public financial assistance given for the vehicles and engines listed in this application. The applicant must reduce the incremental cost of the project by the amount of any current financial incentive received. Any applicant failing

to report additional funding for this project may be banned from future participation in the Carl Moyer Program and be subject to criminal sanctions.

Final project selection will be completed by June 16, 2006 and successful applicants will be notified immediately. Questions regarding the application process should be directed to Ms. Stacey Dorais at (916) 322-2383.

CHECK LIST FOR APPLICATION ITEMS

Be sure the following items are included with the application submittal.

- Completed and signed application.
- Project implementation plan.
- Project cost documentation including vendor quotes and other substantiating data to support cost estimates provided in this application.
- Calculations of project cost-effectiveness and emission reductions (see Appendix D of Carl Moyer Program Guidelines).

Eligibility Criteria

To be eligible for funding, projects must meet the criteria described in the 2006 Carl Moyer Program Guidelines and the 2006 Carl Moyer Program Advisories. These criteria include but are not limited to the following:

- Emission reductions obtained through Carl Moyer Program projects must not be required by any federal, state or local regulation, memorandum of agreement/understanding with a regulatory agency, settlement agreement, mitigation requirement, or other legal mandate.
- Projects must meet a cost-effectiveness of \$14,300 per weighed ton of NO_x + ROG + twenty times combustion PM₁₀ reduced, calculated in accordance with the cost-effectiveness methodology discussed in the Guidelines.
- No emission reductions generated by the Carl Moyer Program shall be used as marketable emission reduction credits, or to offset any emission reduction obligation of any person or entity.
- No project funded by the Carl Moyer Program shall be used for credit under any federal or state emission averaging banking and trading program.

- Funded projects must have at least 75 percent of their operation take place in California.
- All engines in new vehicle purchases and repower projects must be certified by the ARB for sale in California and must comply with durability and warranty requirements.
- All aftermarket emission controls (retrofits) must be verified by ARB.

Funding Disclosure

Have any engines or vehicles listed in this application been awarded funding from another public agency or are any being considered for funding?

- Yes
- No

If “yes”, complete the following for each engine or vehicle:

Agency applied to _____
Date/Number of Agency Solicitation _____
Funding Amount Requested _____
Old Engine Serial Number _____
Status _____

**AUXILIARY POWER UNITS AND
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Please print clearly or type all information on this application and on all attachments.

A. APPLICANT INFORMATION

1. Company name/ Organization name/ Individual name:		
2. Business type:		
3. Contact name and title:		
4. Person with contract signing authority (if different from above):		
5. Business mailing address and contact information:		
Street:		
City:	State:	Zip code:
Phone: ()	Fax: ()	
E-mail:		
6. Project address (if different from above):		
7. How many engines are being applied for?		

I hereby certify that all information provided in this application and any attachments are true and correct.

Printed Name of Responsible Party:	Title:
Signature of Responsible Party:	Date:

Third Party Certification

I have completed the application, in whole or in part, on behalf of the applicant.

Printed Name of Third Party:	Title:
Signature of Third Party:	Date:
Amount Being Paid for Application Completion in Whole or Part:	Source of funding to 3 rd party:

B. VEHICLE INFORMATION

1. Vehicle type:		
2a. Vehicle Identification Number (VIN):		
b. Vehicle Make:	c. Vehicle Model:	d. Vehicle Model Year:
3a. Vehicle GVWR:		b. Vehicle License Plate Number:
5a. Department of Transportation Number (if interstate):		
b. California Highway Patrol CA Number (if applicable):		

C. ACTIVITY INFORMATION

1. Total Annual Hours of Idling:
2. Percent of idling that takes place in California:
3. List counties in California in which the vehicle idles and the percent of idling in each county:
4. Project Life:

D. NEW ENGINE PURCHASE PROJECTS

1a. Engine Make:	b. Engine Model:	c. Engine Year:
d. Horsepower:	e. Engine Serial Number (if available):	
2. ARB Certification Executive Order (if Engine is Certified to Alt. Nox Standard):		
3a. Fuel Type of New Engine:	b. Tier:	
4a. New Engine Cost:	b. Installation Cost:	
5. Baseline Engine Cost:		

E. IDLING EMISSION REDUCTION TECHNOLOGY INFORMATION

1a. Equipment Make:	b. Equipment Model:
c. Equipment Year:	d. Equipment Tier:
e. Fuel Type:	
2a. Equipment Cost:	b. Installation Cost:

F. RETROFIT PROJECTS

1a. Engine Family:	b. Engine Make:	c. Engine Model:
d. Engine Year:	e. Tier (if auxiliary engine):	
f. Engine Serial Number:		
2. Retrofit Device Make:		
3. ARB-verified Retrofit Device Name:		
4. Retrofit Device ARB Executive Order:		
5. Retrofit Device Serial Number (if available):		
6. Verification Level: <input type="checkbox"/> LEVEL 1 <input type="checkbox"/> LEVEL 2 <input type="checkbox"/> LEVEL 3		
7a. ARB-Verified NOx Reduction (%):		
b. ARB-Verified ROG Reduction (%):		
c. ARB-Verified PM Reduction (%):		
8. Retrofit Device Cost:		
9. Cost of Retrofit Installation:		
10. Cost of Retrofit Maintenance for Project Life (if known):		