

**Ohio**

**Department of  
Development**

**Ted Strickland, Governor**

**Lee Fisher, Lt. Governor**  
Director, Ohio Department of Development

**Diesel Emissions Reduction Grant**  
***Appendix A: Project Application***

**Diesel Emissions Reduction Grant Program**  
**Ohio Energy Office**  
**77 S. High St. 26<sup>th</sup> Floor**  
**P.O. Box 1001**  
**Columbus, OH 43216-1001**

## Applicant Information and Funding Estimate

Select Project Type:

- Anti-Idle Equipment  
  Vehicle/Machinery Replacement  
  Equipment Repower  
  Equipment Retrofit

Applicant	
Project Sponsor	
Address	
Phone Number	Fax <span style="float: right; border-bottom: 1px solid black;"></span>
Project Manager	Title <span style="float: right; border-bottom: 1px solid black;"></span>
Email	Phone Number <span style="float: right; border-bottom: 1px solid black;"></span>
Authorized Official	Title <span style="float: right; border-bottom: 1px solid black;"></span>
Federal Tax ID #:	

The FHWA Ohio Division Office will not approve CMAQ funding to finance the entire cost of private fleet replacement vehicles. FHWA will approve CMAQ funding only for private fleet replacement vehicle components that contribute to the vehicles' emission characteristics.

Funding	
Please include a detailed budget estimate	
Identify source for 20 percent match	
Expected date to enter into contract	
Total Project Cost	\$ <span style="float: right; border-bottom: 1px solid black;"></span>
80 percent of Project Cost	\$ <span style="float: right; border-bottom: 1px solid black;"></span>
Core/Scrap Value	- \$ <span style="float: right; border-bottom: 1px solid black;"></span>
Other Government Financing	- \$ <span style="float: right; border-bottom: 1px solid black;"></span>
Funding Requested	\$ <span style="float: right; border-bottom: 1px solid black;"></span>

# Certification

1. Does the applicant and/or company have any outstanding financial liabilities with state or local governments in Ohio? Does the applicant and/or company owe: a.) Any delinquent taxes to the State of Ohio (the "State"), a state agency, or a political subdivision of the State such as a city or county? b.) Any monies to the State or a state agency for the administration or enforcement of the environmental laws of the State? c.) Any other monies to the State, a state agency or a political subdivision of the State that are past due? d.) Is the company the subject of any existing tax lien?

Yes  No

2. Have the applicant, related companies, or any officers: a.) been convicted of a felony b.) been convicted of or enjoined from any violation of state or federal securities law? c.) been a party to any consent order or entry with respect to an alleged state or federal securities law violation? d.) been a defendant in a civil or criminal action?

Yes  No

If you have answered yes to any of the above, please provide a detailed explanation including, but not limited to the location, amounts, and case identification numbers (if applicable) on a separate sheet.

3. Public-Private Partnerships (PPP) must have a legal, written agreement in place between the public agency and the private or non-profit entity before a CMAQ-funded project may be implemented. These agreements should be developed under relevant State contract law and should specify the intended use for CMAQ funding; the roles and responsibilities of the participating entities; and how the disposition of land, facilities, and equipment will be carried out should the original terms of the agreement be altered (e.g., due to insolvency, change in ownership, or other changes in the structure of the Public Private Partnerships). I am a PPP and have attached the required documentation to this application.

Yes  No

As an authorized agent of the Applicant, I hereby submit this Application to the State of Ohio, Department of Development. I understand that any false statement in this record may subject the Applicant and Signer to criminal prosecution. I understand that additional information may be requested. I also understand that this document in no way constitutes a commitment of funds by the State of Ohio for any of its programs.

I hereby represent and certify that the foregoing and attached information, to the best of my knowledge and belief, is true, complete and accurately describes the proposed activity/project for which the financial assistance is being sought. I am aware of Ohio Revised Code Sections 9.66(C) and 2921.13(D)(1) which outline penalties for falsification which could result in the return of all monies received and the forfeiture of all current and future financial assistance benefits as well as a fine of not more than \$1,000 and/or a term of imprisonment of not more than one hundred and eighty (180) days. I further agree to inform the Ohio Department of Development of any changes in the foregoing information, which may occur prior to the time the Applicant, and the Ohio Department of Development execute an Agreement. Further, I hereby authorize the Ohio Department of Development to contact the Ohio Environmental Protection Agency to confirm statements contained within this application and to review applicable confidential records.

The undersigned warrants, certifies and represents that certain information in their application may be subject to the Open Public Records Act.

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Applicant Signature

Typed Name

Title

Date

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Co-Applicant Signature (if applicable)

**Attach required Scope of Project and descriptions as defined below to this application. Incomplete applications will not be scored.**

# Project Descriptions and Definitions

## 1. Anti-Idle Equipment

The grant will reimburse a portion of the cost to purchase and install anti-idle technologies. If applicable, the documentation of legal contract compliance must be supplied with this application.

On-road transportation vehicles, nonroad vehicles, and construction equipment working on a surface transportation construction project within an Ohio nonattainment or maintenance area will qualify under this project if it is operated at least 65 percent of the time in nonattainment or maintenance areas. Applicants must submit information that supports the emission reductions benefits of unverified technologies.

### Scope of Project

- Describe the size, location, and type of project and how it is consistent with FHWA CMAQ program eligibility guidance. The emission reductions methodology must be defined, and the calculations and results shown below.
- List the percent (%) and duration (years) of equipment operation in the nonattainment and maintenance areas.
- If a commitment is being made by the public entity or end-user to use biodiesel or other alternative fuels in the diesel engine fleets, documentation of the percent to be used must be attached to this application.

### Detailed Description of Anti-Idle Equipment

- Describe and list the equipment with the anti-idle technology to be used. Include quantitative analysis of mobile source emission reductions resulting from project implementation.
- Show the complete costs, emission reductions (both PM<sub>2.5</sub> and NO<sub>x</sub>), emission reduction/\$ ratios, and all detailed calculations that support your application for these grant funds. Please comprehensively review the RFP and the scoring section so that you supply all of the required information.
- **Attach any supplemental engineering data sheets, and any detailed support information to aid your application.**

## 2. Vehicle/Machinery Replacement

The grant will cover a portion of the cost to replace vehicle/machinery with new a new piece of vehicle/machinery, minus the scrappage value of the old vehicle/machinery. The vehicle/machinery to be replaced must be in working order, have at least five (5) years of remaining useful life, and will be permanently removed from service when the new vehicle/machinery is received. The selected technology must be verified by either US EPA or CARB to reduce engine Nox and/or PM 2.5 diesel engine emissions.

Project agreements involving replacements of full vehicle should include a provision for disposal of the engine block through/by an OEM or authorized remanufacturer and a process to verify the retirement of this vehicle/machinery.

On-road transportation vehicles, nonroad vehicles, and construction vehicles/machinery working on a surface transportation construction project within an Ohio nonattainment or maintenance area will qualify under this project if the equipment is operated at least 65 percent of the time in nonattainment or maintenance areas.

Nonroad vehicles or construction equipment must be working on a surface transportation construction project (Title 23) within an Ohio nonattainment or maintenance area to be eligible. Only those costs associated with components that produce emissions will be considered.

### **Scope of Project**

- Describe the size, location, and type of project and how it is consistent with FHWA CMAQ eligibility guidance. The emission reductions methodology must be defined, and the calculations and results shown below in the details section.
- The existing engine to be replaced must be in working order.
- List the percent (%) and duration (years) of equipment operation in the nonattainment and maintenance areas.
- If a commitment is being made by the public entity or end-user to use biodiesel or other alternative fuels in the diesel engine fleets, documentation of the percent to be used must be attached to this application.

### **Detailed Description of Vehicle/Machinery Replacement**

- Describe the vehicle/machinery (VIN #) to be replaced and how and when it will be used.
- Include quantitative analysis of mobile source emission reductions resulting from project implementation.
- Show the complete costs, emission reduction (both PM<sub>2.5</sub> and NO<sub>x</sub>), emission reduction/\$ ratios, and all detailed calculations that support your application for these grant funds.
- Please comprehensively review the RFP and the scoring section so that you supply all of the required information.
- **Attach any supplemental engineering data sheets, and any detailed support information to aid your application.**

## **3. Equipment Repower**

The grant will reimburse a portion of the cost to purchase and install a lower emissions engine and associated equipment, minus the scrappage value of the old engine. The new or repowered engine must be verified by either US EPA or the California Air Resources Board (CARB) to reduce engine NO<sub>x</sub> and/or PM 2.5 diesel engine applications.

Project agreements involving a replacement of a higher emissions engine should include a provision for disposal of the engine block and a process to verify the retirement of the older engine.

On-road transportation vehicles, nonroad vehicles, and construction equipment working on a surface transportation construction project within an Ohio nonattainment or maintenance area will qualify under this project if it is operated at least 65 percent of the time in nonattainment or maintenance areas.

### **Scope of Project**

- Describe the size, location, and type of project and how it is consistent with FHWA CMAQ eligibility guidance. The emission reductions methodology must be defined, and the calculations and results shown below in the details section.
- The existing engine to be replaced must be in working order.
- List the percent (%) and duration (years) of equipment operation in the nonattainment and maintenance areas.
- If a commitment is being made by the public entity or end-user to use biodiesel or other alternative fuels in the diesel engine fleets, documentation of the percent to be used must be attached to this application.

### **Detailed Description of Equipment Repower**

- Describe the equipment (VIN #) to be repowered and how and when it will be used.
- Include quantitative analysis of mobile source emission reductions resulting from project implementation.
- Show the complete costs, emission reductions (both PM<sub>2.5</sub> and NO<sub>x</sub>), emission reductions/\$ ratios, and all detailed calculations that support your application for these grant funds.
- Please comprehensively review the RFP and the scoring section so that you supply all of the required information.
- **Attach any supplemental engineering data sheets, and any detailed support information to aid your application.**

## **4. Equipment Retrofit**

The grant will reimburse a portion of the cost to purchase and install retrofit technologies.

On-road transportation vehicles, nonroad vehicles, and construction equipment working on a surface transportation construction project within an Ohio nonattainment or maintenance area will qualify under this project if it is operated at least 65 percent of the time in nonattainment or maintenance areas.

The selected technology must be verified by either US EPA or CARB to reduce engine NO<sub>x</sub> and/or PM 2.5 diesel engine applications.

### **Scope of Project**

- Describe the size, location, and type of project and how it is consistent with FHWA CMAQ eligibility guidance. The emission reductions methodology must be defined, and the calculations and results shown below.
- List the percent (%) and duration (years) of equipment operation in the nonattainment and maintenance areas.

- If a commitment is being made by the public entity or end-user to use biodiesel or other alternative fuels in the diesel engine fleets, documentation of the percent to be used must be attached to this application.

### **Detailed Description of Equipment Retrofit**

- Describe the equipment (VIN #) and the retrofit technology to be used. Include quantitative analysis of mobile source emission reductions resulting from project implementation.
- Show the complete costs, emission reductions (both PM2.5 and NOx), emission reductions/\$ ratios, and all detailed calculations that support your application for these grant funds.
- Please comprehensively review the application and the scoring section so that you supply all of the required information.
- **Attach any supplemental engineering data sheets, and any detailed support information to aid your application.**

**Incomplete applications will not be scored.**