Ohio Diesel Fleets: Applying for VW Funds 2019 Application Cycle

Webinars for Grant Applicants
June 5, 2019, 10:30 a.m.
June 11, 2019, 10:30 a.m.

Alan.Harness@epa.ohio.gov
Carolyn.Watkins@epa.ohio.gov
http://epa.ohio.gov/oee/
2019 Snapshot

- 2019 Diesel Mitigation Trust Fund (DMTF) grant cycle to replace or repower diesel on-road vehicles and off-road equipment
- $15 million available to applicants in 26 Ohio counties:
  - $5 million for school buses
  - $5 million for public transit buses
  - $5 million for other eligible categories
- Grant requests between $50,000 and $2,000,000
- Caps on per-vehicle amounts
2019 Timeline

• Request for Applications released 6/3/19
• Ohio EPA webinars for all applicants 6/5 and 6/11
• Q&A will be posted to website and updated regularly
• Applications due no later than 3:00 p.m. 8/2/19
• Grant awards announced October 2019
Today’s Presentation

• Program priorities
• Lessons Learned and Changes from 2018
• Notes for all applicants
• Notes by sector
• Using the online application form
In 2016, the United States and California sued Volkswagen and associated companies, alleging that VW installed defeat devices on certain vehicles (model years 2009-2016).

The devices activated during emissions testing to make vehicles appear compliant with the law, when in fact, during on-road operation, the vehicles emitted nine to 40 times the allowable amount of nitrogen oxides (NOx), a harmful air pollutant.
$14 Billion VW Settlement

- Overseen by federal court and court-appointed Trustee
- $10 billion compensation to VW diesel vehicle owners (buyback, repair)
- $2 billion to promote Zero Emission Vehicles, www.electrifyamerica.com
- $2.7 billion to remediate environmental effects of excess NOx emissions across all 50 states, D.C., Puerto Rico and Tribes.
State Responsibilities

- Ohio received **$75 million** over 15 years, based on more than 16,000 VW and Audi diesel vehicles registered here with the illegal defeat devices.
- Ohio developed a Beneficiary Mitigation Plan allocating funds among ten allowable uses, submitted to the Trustee in 2018.
- Funds must be used to “**impact air quality** in areas that bear a disproportionate share of the air pollution burden.”
Beneficiary Mitigation Plan

In re: Volkswagen “Clean Diesel” Marketing, Sales Practices, and Products Liability Litigation, MDL No. 2672
CRB (JSC)

Office of Environmental Education
May 31, 2018
Cost Effectiveness in $/Ton of NOX Emission Reductions

More

Locomotives
Tugboats and Ferries

Airport/Port GSE
Shorepower

Class 4-8 Trucks

Less

Transit Buses
School Buses

Most Requested Uses of VW Funds in Early Public Comment Round:
(1) School Buses; (2) Transit Buses; (3) Electric Vehicle Charging
Allocation of Ohio’s VW Funds

• On-Road Fleets 53%
  – School Buses $15 million ($5 million each year)
  – Transit Buses $15 million ($5 million each year)
  – Class 4-8 trucks $10 million
• Off-Road Equipment 25%
  – Ferries and Tugboats $2 million
  – Switcher Locomotives $5 million
  – Airport and Port cargo handling equipment $12 million
• Electric vehicle charging stations 15% ($11 million)
Ohio Diesel Mitigation Trust Fund
Allocation by Sector and Amounts Awarded
10/19/18

- School Buses: $5,000,000
- Transit Buses: $5,000,000
- Heavy Duty Trucks and Shuttle Buses: $3,051,616
- Tugboats and Ferries: $2,000,000
- Switcher Locomotives: $1,400,000
- Airport GSE and Port Cargo Handling: $1,948,384
- EV Charging: $11,295,378

No Awards to Date
Timeline for Ohio VW Funding Opportunities

- $15 million/year in 2018, 2019 and 2020 for fleet projects (on- and off-road vehicles)
- $11 million for EV charging stations will be offered through a separate grant process in 2019-2020.
- In 2020, Ohio EPA will evaluate demand and emission results by sector and revise the state plan, if needed, to reallocate the remaining funds.
Most common mistakes by applicants last year

• Too little information provided in the narrative scope description (text box sections)
• Incorrect new engine conformity certificates
• Waiting until the last days to start an application
Project Scope Description
Must Include DETAILS:

• Method by which old engines will be decommissioned

• Method to ensure vehicles will operate at least 75% of the time in Ohio’s first and second priority counties

• Method to ensure vehicles will be maintained for a minimum of five years

• Access to fueling station for CNG, propane, diesel-electric hybrid, all-electric
Lessons Learned Last Year

• Government fleets may request up to 75% of vehicle replacement costs, but private sector fleets may only request up to 25% of vehicle replacement costs.

• Lower “ask” is more cost effective – so very few government fleets were funded.

• Government fleets are *strongly encouraged* to limit their requests to no more than 25% in order to be competitive.
More Lessons Learned...

• On-road vehicles travelling less than 5,000 miles per year will not score well enough to be funded.

• Off-road equipment operating less than 1000 hours per year will not score well enough to be funded.
Changes from Last Year

• No longer requiring applicants for trucks and buses to submit a Certificate of Conformity from US EPA or California for the new engine. Ohio EPA will check to be sure the new engine is certified as part of the application review.

• Applicants for rail and marine projects must still request a certificate from US EPA. This takes time – Start Early!
More changes...

• No longer requiring a scrap value quote.
• Be aware, the scrap value received must be documented in the grantee’s closing report, and the amount received will be deducted from the grant payment.
Other changes

• Leased vehicles will not be considered for repower or replacement with grant funds, because of:
  – the difficulty of meeting engine decommissioning requirements with a third party owner; and
  – unacceptably long project periods
To request a pre-review

• The software will allow you to generate a pdf file of the application, that you can use to request pre-review by Ohio EPA staff. Do this before you hit “submit” which locks the application.

• Email the pdf *plus your fleet data spreadsheet* to Alan or Carolyn – no later than July 26

• You can generate and save a new pdf later of the final, as-submitted version.
Resubmittals

• If your application was not successful last year, you will have to fill out the online application again, but you will be able to copy and paste text from last year’s text box narratives into the text boxes in this year’s application.

• Be sure to update your attachments before uploading.

• Get a new quote if the old one is more than six months old.
Previously Funded Applicants

• Ohio EPA will not consider new applications from anyone with an open 2018 grant that has not closed by the 2019 application deadline on August 2.

• Recipients of past grants that have closed may apply again, but Ohio EPA will consider the amount of DMTF funding an applicant has already received, and the applicant’s past performance on Ohio EPA grants.
Applications May Include Multiple Fleets

- Example: A school district might apply for replacement school buses and replacement trucks in the same application.
- Example: An airport authority might apply for ground support equipment, plow and fuel trucks, and shuttle buses in the same application.
- A county engineer might apply for plow trucks on behalf of several townships.
Fleet Data Spreadsheet

• Engine information for old vehicles on the left side, new vehicles on the right
• Upload as an Excel file attachment to your application, NOT a pdf!
Financial Requirements for Non-Government Fleets

- Demonstrate ability to cover upfront costs of entire project while awaiting reimbursement
  - Documentation of acceptable credit rating, or
    - Letter from a financial institution documenting
      - Time deposits (e.g. certificates of deposit), or
      - Line of credit, or
      - Loan (Reimbursements will be paid at rate the loan is paid down)

<table>
<thead>
<tr>
<th>Credit Agency</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard &amp; Poor’s</td>
<td>AAA, AA, A or BBB</td>
</tr>
<tr>
<td>Dun &amp; Bradstreet Viability</td>
<td>1, 2, 3, 4, or 5</td>
</tr>
<tr>
<td>Moody’s</td>
<td>Aaa, Aa, A, or Baa</td>
</tr>
<tr>
<td>Fitch</td>
<td>AAA, AA, A, or BBB</td>
</tr>
</tbody>
</table>
Comparing Apples and Oranges

• In each grant cycle, Ohio EPA will rank applications by cost effectiveness, overall and within each category.
• For example, Ohio EPA would select the 8 highest ranking school bus projects out of 75 school bus applications received, until the $5 million available this cycle is used up.
• Ohio EPA would then select the highest ranking public transit bus projects until that $5 million is used up.
• Ohio EPA would then consider the highest ranking applications in all the other categories, to allocate the remaining $5 million.
• Ohio EPA will consider sector and geographic balance in making awards.
Emissions Estimates

• Grant applicants are not required to estimate emissions for their projects.

• Ohio EPA will use fleet data in the grant applications to estimate the cost-effectiveness of each project at reducing NOx emissions, using U.S. EPA’s Diesel Emissions Quantifier tool.

• Applicants may run the DEQ for themselves to assess the competitiveness of their projects, but projects will be selected for award based on Ohio EPA’s estimates.
DEQ Estimates Vary

• The emission reduction estimates for a project will vary depending on factors such as the age of the old vehicle, the miles travelled, amount of fuel used, and number of idling hours.

• One city’s proposal to buy five new CNG trucks may be more cost effective than another city’s proposal to buy five of the same model truck at the same price, based on these factors.
How Much to Ask for?  
School Bus Example

- 5 propane school buses @ $90,000 = $450,000
- $450,000 x 25% = $112,500 grant share
- Total tons/yr NOx reductions: 1.75 (from DEQ)
- $112,500/1.75 yields a cost to state of $64,286 per ton NOx reduced
- Compare to 50% request: $225,000 grant share / 1.75 yields a cost to the state of $128,571 per ton of NOx reduced. This project would rank much lower in terms of cost effectiveness.
Comparing Cost Effectiveness from First- and Second-Priority Counties

- Between sectors: a very cost effective project such as a switcher locomotive in a secondary priority county would be selected before lower-ranking projects in other sectors.
- Within sectors: very high ranking projects from secondary counties may be selected.
Competitive Purchasing Required!

• Note that the vendor who provides a quote to submit with your application may not be the vendor selected for the project if a grant is awarded.

• Grant recipients are required to use a bid or other competitive purchasing process approved by Ohio EPA.

• Ohio EPA will allow state term contracts or other competitive purchasing agreements.
Note for Consultants

If you are preparing VW grant applications for more than one applicant, note that only one application can be in progress at a time associated with your user email address.

You must complete and submit one application before starting work on another or use different user credentials and email addresses for each application.
Notes by Sector
School Buses: $5 million in 2019

Replace or repower 2009 and older diesel buses with new clean diesel, CNG, propane or diesel-electric hybrids.
School Bus Projects

- All-electric is not an option this grant cycle
- Ohio EPA will issue a separate RFP in 2020 for no more than $3 million to demonstrate the viability of electric school buses in Ohio’s climate and terrain
Non-Government Owned School Buses

• The school bus category is open to public school districts, private companies providing contract services to public school districts, and private or charter schools providing regular route service during the school year.

• Other organizations such as camps that may operate school buses may apply in the shuttle bus category but may not be travelling enough miles to be competitive.
School Bus *Replacement* Grant Sizes

- Maximum 75% (government fleets) or 25% (private fleets) of the cost of replacement buses (new diesel, CNG, propane)
- Up to maximum amount per school bus: $110,000
- To be competitive, request 25% or less to offer a stronger local match
School Bus Repower Grant Sizes

• Maximum 75% (government fleets) or 40% (private fleets) of cost to repower an existing bus to run on new diesel, CNG, propane)
• Up to a maximum of $110,000 per bus
Public Transit Buses: $5 Million in 2019

- Replace or repower 2009 and older diesel buses with new clean diesel, CNG, LNG, propane, diesel-electric hybrids or all-electric
- Maximum per bus $525,000
Note to Public Transit Fleets

Ohio EPA and ODOT expect to offer another DERG grant cycle for transit buses later this year.
Other Fleets and Off-Road Equipment will Compete for the Remaining $5 Million Available this DMTF Grant Cycle
Local Freight Trucks

• Heavy duty (class 8, >33,001 pounds)
• Medium and heavy duty (class 4-7, 14,001 – 33,000 pounds)
• Model years 1992-2009
• Replace or repower with new diesel, CNG, LNG, propane, diesel-electric hybrid, all-electric
• Drayage trucks must document operations in ports and intermodal rail yards to be eligible for higher reimbursement rate than other class 8 trucks
“Local Freight”

- Includes cargo delivery, snowplow/salt, dump, utility bucket, recycling, refuse collection, courier, cement
- Emergency equipment such as fire and heavy rescue trucks were eligible, but did not travel enough annual miles to be cost-effective
- Airport fuel and plow trucks should apply in this category, not as GSE
- Class 8, $150,000 max; Class 4-7, $110,000 max
Freight Switcher Locomotives

• Upgrade pre-Tier 4 switchers operating 1000+ hours/year to current emission standards, using new diesel, alternative fuel or all-electric (including Gen Sets)
• 5 million allocated in Ohio’s plan for this category
• Joshua.Skaggs@dot.ohio.gov for assistance from Ohio Rail Development Commission
Tugs and Ferries

- Tier 0-2 may be repowered with new clean diesel, alternative fuels or generator sets to Tier 3 or 4 standards.
- $600,000 remains of the $2 million allocated to this category in Ohio’s Plan.
Airport Ground Support and Port Cargo Handling Equipment

- Upgrade eligible diesel or spark ignition equipment operating outdoors to all-electric (only)
- Airport shuttles and fuel/plow/drayage trucks should apply in other categories
Filling Out the Grant Application
Online Grant Application (Fleet Projects)

- Read the Request for Applications (application guidelines) at https://epa.ohio.gov/oee/#1844010579-dmtf-2019-request-for-applications
- Set up account in Ohio EPA’s Customer Support Center https://ohioepa.custhelp.com (Do this now!)
- Gather engine information on existing vehicles
- Gather quotes for new vehicles and engine repowers
- Begin entering information
First Read the 2019 Request for Applications (guidelines) on the VW tab at [https://epa.ohio.gov/oee/](https://epa.ohio.gov/oee/)

**Volkswagen Mitigation Grants**
Ohio EPA filed the state’s Beneficiary Mitigation Plan with the VW Trustee 5/31/18. The plan explains how $75 million in funding from the VW settlement will be spent over the next ten years. The first $15 million in awards for vehicle/equipment replacements were announced in October, and project descriptions are now posted. The next application cycle will open June 3, 2019, with applications due by 3:00 p.m. on August 2, 2019. Click on the VW Mitigation Grants tab above to view Ohio’s Plan and grant application guidelines.

**Ohio Environmental Education Fund**
The summer 2019 OEEF grant application cycle will open in late May, with applications due by July 16. For more information, please click on the Environmental Education tab above.

**Clean Diesel School Bus Grants**
We are celebrating ten years and more than 3,600 school buses equipped with pollution controls! For information, click on the Clean School Bus Grants tab above. This program is no longer accepting new applications. Interested school districts in eligible counties may apply for replacement buses through the VW Mitigation Grants or Alternative Fuel Vehicle Grants programs.

**Diesel Emission Reduction Grants**
Ohio EPA expects to issue another DERG Request for Proposals in the summer of 2019. For more information, please click on the Diesel Emission Reduction Grants tab above.

**Alternative Fuel Vehicle Conversion Grants**
Ohio VW (DMTF) Program 2019 Funding Opportunity for Diesel Fleet and Equipment Owners is now open

NEW! Owners of eligible medium and heavy diesel fleets in 26 Ohio priority counties are invited to apply for grants to repower or replace diesel vehicles and equipment with new clean diesel or alternative fuel (CNG, LNG, propane, diesel electric hybrid) or all-electric vehicles and equipment. A total of $15 million is available for grant awards between $30,000 and $2 million. All projects required a minimum match of 25 percent, with larger matches required for some project categories. Grant applications must be submitted online no later than 3 p.m. August 2.

Ohio EPA will offer two webinars for those interested in applying to the 2019 grant cycle for the Diesel Mitigation Trust Fund, supported with dollars from the VW settlement. Program staff will explain project eligibility, the application process, and changes from Ohio’s 2018 application cycle. Register online.

Wednesday June 5, 10:30 a.m.
Tuesday June 11, 10:30 a.m.

It is not necessary to attend more than one session. Slides from the webinars will be posted to this website, along with answers to questions received. The Q&A list will be updated regularly while the grant cycle is open.

This cycle, five million dollars will be awarded to replace or repower diesel school buses, five million for public transit buses, and the remaining five million will be allocated among projects involving medium- and heavy-duty trucks, switcher locomotives, tugs and ferries, port cargo handling equipment, and airport ground support equipment. (This cycle will not include funding for electric vehicle charging stations. Ohio EPA expects to offer a separate application opportunity for those in the fall of 2019.)
Create an Account in the Customer Support Center

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Alternative Fuel Vehicle Conversion Grants
In the Customer Support Center, under “Find Resources” search for “VW” or “DMTF”
Bookmark the “Instructions to apply...”

Instructions to apply for an Ohio EPA Diesel Mitigation Trust Fund Grant

Published 05/24/2018 07:22 AM  |  Updated 05/29/2019 09:52 AM  |  AnswerID: 2962

How can I apply for a Diesel Mitigation Trust Fund grant?
The Ohio Environmental Protection Agency (Ohio EPA) Diesel Mitigation Trust Fund (DMTF) program provides grants to remove older more polluting diesel engines from use in priority Ohio counties, and replace or repower them with clean diesel, alternative fuel, or electric engines. Grants are funded with dollars allocated to Ohio from the Volkswagen Mitigation Trust Fund, as part of a court-ordered settlement to offset the excess air pollution emitted by some VW vehicles that violated the Clean Air Act.

Anyone interested in applying for a grant should first read the Grant Application Guidelines posted on the Ohio EPA DMTF Program webpage to understand project eligibility, public record and competitive purchasing requirements, and how proposals will be reviewed and ranked.

This online application form is intended for grant requests for funding in amounts between $50,000 and $2,000,000, to replace or repower diesel engines in certain eligible types of on-road vehicles such as trucks and buses, and certain eligible types of off-road equipment such as locomotive and marine engines and cargo handling equipment. All funded vehicles and equipment must meet US EPA emissions standards.

Applicants interested in repowering traditional vehicle engines should pay particular attention to the application guidelines to ensure that proposed conversions to alternative fuels do not violate federal anti-tampering laws under the Clean Air Act.

This online application form may not be used for the following types of projects:

- Projects involving infrastructure to support light duty Zero Emissions Vehicles, such as electric vehicle charging stations
- Projects where multiple smaller vehicles are being replaced or repowered with a single larger vehicle.
- Projects that are not eligible under the nine allowable uses of the VW Mitigation Trust Fund, but eligible under US EPA’s Diesel Emission Reduction Act (DERA) program.
Once you are logged in, you can open the DMTF application.
Vehicle Types

In the table below, select a vehicle type that you are requesting grant funds for and fill in the remaining information for that row. Click the "Add" button if you want to:

1. Add vehicles for a different vehicle type to the grant application
2. Add the same vehicle type but want funding for a different activity or different fuel type

<table>
<thead>
<tr>
<th>Select Vehicle Type</th>
<th>What is the activity you want funding for?</th>
<th>What is the new fuel type for this line item?</th>
<th>No. of Vehicles</th>
</tr>
</thead>
<tbody>
<tr>
<td>School Bus A-D</td>
<td>Replace</td>
<td>Propane</td>
<td>10</td>
</tr>
<tr>
<td>School Bus A-D</td>
<td>Repower</td>
<td>Propane</td>
<td>2</td>
</tr>
</tbody>
</table>

Please click the following link to save a copy of the blank Fleet Data Spreadsheet to your computer. Then edit the Fleet Data Spreadsheet to fill in the information for each individual vehicle that is represented in the table above. You will be required to attach the completed Fleet Data Sheet later in this application process.

Has the blank fleet data spreadsheet been saved to your computer? *
In the table below, select a vehicle type that you are requesting grant funds for and fill in the remaining information for that row. Click the ‘Add’ button if you want to:

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Has the blank fleet data spreadsheet been saved to your computer? *

- Yes
- No
County of Vehicle Operation

Identify the Ohio Priority Counties where the existing vehicles you are proposing to repower or replace have operated over the past 24 months. Each individual vehicle must have primarily operated in one or more Ohio Priority County during that time period. This requirement can be met by a vehicle operating most of the time:

1. in one county available in the Ohio Priority County list below
2. in more than one county available in the Ohio Priority County list below

Replacement or repowered vehicles are also required to operate primarily in one or more Ohio priority counties.

- Show example

Ohio Priority County

- Franklin

Select one or more county names above.

What is the minimum percentage the vehicle type must operate in a priority county?

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>Replace</th>
<th>Propane</th>
<th>Requirement</th>
<th>No. of Vehicles</th>
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<td>School Bus A-D</td>
<td>Replace</td>
<td>Propane</td>
<td>75% or more of annual miles over the past 24 mos</td>
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<tr>
<td>School Bus A-D</td>
<td>Repower</td>
<td>Propane</td>
<td>75% or more of annual miles over the past 24 mos</td>
<td>2</td>
</tr>
</tbody>
</table>

- Click here if you included vehicles or equipment in the list below that do not meet this requirement.
### Vehicle Operational Status

All vehicles listed below must be currently operational.

- [ ] Click here if you included vehicles or equipment in the list below that do not meet this requirement.

<table>
<thead>
<tr>
<th>School Bus A-D</th>
<th>Replace</th>
<th>Propane</th>
</tr>
</thead>
<tbody>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

Are all the vehicles currently operational? *

- [ ] Yes
- [ ] No

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[Back] [Next (Save)]
Existing Engine Age

To be included in this grant request, the engines in your existing vehicles must have been manufactured in an eligible year as shown below.

☐ Click here if you included vehicles or equipment in the list below that do not meet this requirement.

<table>
<thead>
<tr>
<th>Eligible Years</th>
<th>No. of Vehicles</th>
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</thead>
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<td>engine model year 2009 or older</td>
<td>10</td>
</tr>
<tr>
<td>engine model year 2009 or older</td>
<td>2</td>
</tr>
</tbody>
</table>

Does the applicant certify all existing engines were manufactured in an applicable eligible year? *

☐ Yes ☐ No

The year of manufacture for the existing engine of each vehicle is to be entered into the Fleet Data Spreadsheet that you will attach at the end of this application process.
Funding Request to Replace School Bus A-D to Propane

Requested Amounts:

|$0.00| Replace 10 School Buses A-D that have engine model year 2009 or older engines, with vehicles that have engine model year 2017 or newer Propane engines. |

|$0.00| Repower two School Buses A-D that have engine model year 2009 or older engines, with engine model year 2017 or newer Propane engines. |

The Grant Funding Request to:

Replace 10 School Buses A-D that have engine model year 2009 or older engines, with vehicles that have engine model year 2017 or newer Propane engines.

What is the cost to the applicant to complete the activity shown above? *

Later in this application process, you will be required to attach the quotes from the...
$0.00

Repower two School Buses A-D that have engine model year 2009 or older engines, with engine model year 2017 or newer Propane engines.

The Grant Funding Request to:
Repower two School Buses A-D that have engine model year 2009 or older engines, with engine model year 2017 or newer Propane engines.

What is the cost to the applicant to complete the activity shown above?

Later in this application process, you will be required to attach the quotes from the vendors that you are using for the cost you enter here.

Labor costs for removing the existing engine and installing the new engine can be included in your funding request for this activity. However, to be reimbursed for labor, the labor costs must be itemized in the purchase quote for the engine.

What is the funding request for the vehicle type? *
Funding Request Summary

Total Grant Request

Total Requested from Ohio EPA $407,500.00
Total Match Offered by Applicant $192,500.00
Total Quoted Costs $610,000.00

You are requesting 75% of the total quoted to be provided by this grant request.

Details

<table>
<thead>
<tr>
<th>Description</th>
<th>Quoted Price</th>
<th>Match Offered</th>
<th>Funding Request</th>
<th>% of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace 10 School Buses A-D that have engine model year 2009 or older engines, with vehicles that have engine model year 2017 or newer. Propane engines.</td>
<td>$600,000.00</td>
<td>$150,000.00</td>
<td>$450,000.00</td>
<td>75</td>
</tr>
</tbody>
</table>

Give Feedback
Total Grant Request

Total Requested from Ohio EPA $437,500.00
Total Match Offered by Applicant $132,500.00
Total Quoted Costs $610,000.00

You are requesting 75% of the total quoted to be provided by this grant request.

Details

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<td>Replace 10 School Buses A-D that have engine model year 2009 or older engines, with vehicles that have engine model year 2017 or newer Propane engines.</td>
<td>$500,000.00</td>
<td>$150,000.00</td>
<td>$450,000.00</td>
<td>75</td>
</tr>
<tr>
<td>Repower two School Buses A-D that have engine model year 2009 or older engines, with engine model year 2017 or newer Propane engines.</td>
<td>$10,000.00</td>
<td>$2,500.00</td>
<td>$7,500.00</td>
<td>75</td>
</tr>
</tbody>
</table>
Current Use

Describe how, when and where the vehicles or engines are currently used in normal duty service, including any seasonal changes in operation or periods when not in use. If operated on routes that regularly take the vehicles into counties that are not listed as priority counties, explain the percentage of use that occurs outside the priority counties. If the project includes drayage trucks, identify the ports and intermodal facilities the drayage trucks haul cargo to and from.

Description

Replace 10 School Buses A-D that have engine model year 2009 or older engines, with vehicles that have engine model year 2017 or newer Propane engines. $600,000.00

Repower two School Buses A-D that have engine model year 2009 or older engines, with engine model year 2017 or newer Propane engines. $10,000.00

Total Quoted Price to Complete Activities: $610,000.00

What is the description of how vehicles are used prior to completing grant activities?
Replace 10 School Buses A-D that have engine model year 2009 or older engines, with vehicles that have engine model year 2017 or newer Propane engines. $600,000.00

Repower two School Buses A-D that have engine model year 2009 or older engines, with engine model year 2017 or newer Propane engines. $10,000.00

Total Quoted Price to Complete Activities: $610,000.00

What is the description of how vehicles are used prior to completing grant activities?

Describe how, when and where the vehicles or engines are currently used in normal duty service, including any seasonal changes in operation or periods when not in use. If operated on routes that regularly take the vehicles into counties that are not listed as priority counties for this program, explain the percentage of use that occurs outside the priority counties. If the project includes drayage trucks, identify the ports and intermodal facilities the drayage trucks haul cargo to and from.

0 of 1,000 characters.
Maintenance

Describe the technology or procedures the applicant will use to track and ensure that the new vehicles or repowered engine will be fueled and maintained in accordance with manufacturer specifications.

Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Purchase Quote</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace 10 School Buses A-D that have engine model year 2009 or older engines, with vehicles that have engine model year 2017 or newer Propane engines.</td>
<td>$600,000.00</td>
</tr>
<tr>
<td>Repower two School Buses A-D that have engine model year 2009 or older engines, with engine model year 2017 or newer Propane engines.</td>
<td>$10,000.00</td>
</tr>
</tbody>
</table>

Total Quoted Price to Complete Activities: $610,000.00

What is the procedure the applicant will use to ensure vehicles will be fueled and maintained in accordance with manufacturer specifications? *
Replace 10 School Buses A-D that have engine model year 2009 or older engines, with vehicles that have engine model year 2017 or newer Propane engines.

Repower two School Buses A-D that have engine model year 2009 or older engines, with engine model year 2017 or newer Propane engines.

Total Quoted Price to Complete Activities: $610,000.00

What is the procedure the applicant will use to ensure vehicles will be fueled and maintained in accordance with manufacturer specifications? !

Describe the technology or procedures the applicant will use to track and ensure that the new vehicles or repowered engine will be fueled and maintained in accordance with manufacturer specifications.

0 of 1,000 characters.
Attachments

Instructions: The attachments listed below are required as part of your application. Click the "Add" button to browse to where you have your attachment files ready on your computer. Each attachment can be no larger than 10 megabytes in size.

After you have attached the files using the "Add" button, mark the appropriate question "Yes."

Once all of your attachments have been added to the application, click the "Next" button.

Your attachments will not be saved with your application until you click the "Next" button.

Click "Add" to attach documents to be submitted with your application:

![Add button]

Has the completed fleet data spreadsheet been attached? [ ]

- Yes [ ]
- No [ ]

Has the applicant certification statement signed by the authorizing agent been attached? [ ]

- Yes [ ]
- No [ ]
Signature

Applicant:
Test Organization
123 Any Street
Columbus, OH 43215

SUBMITTAL AUTHORIZATION: I hereby certify that I am authorized to submit this DMTF Grant Application on behalf of the applicant identified above, that the information in this DMTF Grant Application is complete and accurate to the best of my knowledge.

Please sign your name using your mouse, touchpad, or touchscreen:

[Signature]

Printed Name *

Signature Date *
05/31/2018

Signatory's title *

Give Feedback
Work in Progress: click on “account” to see the documents you uploaded
Pop Quiz!

• What is the latest time to submit a grant application this cycle?
• True/False: A school district can apply for all-electric school buses this cycle
• True/False: “Local Freight Trucks” include government-owned trucks
Answers:

• 3:00 p.m. on August 2, 2019
• False: No all-electric school buses this cycle
• True: “Local Freight Truck” categories include many types of government vehicles
Contact Information

• For engine technology, vehicle quote and emissions estimate questions, (614) 644-4838 or Alan.Harness@epa.ohio.gov
• For other questions, (614) 644-3768 or Carolyn.Watkins@epa.ohio.gov