



Connecticut Department of
 Energy & Environmental Protection
 Bureau of Air Management
 Planning & Standards Division

CPPU USE ONLY

App #: _____

Program: VW Grant - Diesel

Diesel Emission Mitigation Program Proposal Form



Proposals for Use of VW NO_x Mitigation Funds for Diesel Emission Reduction Projects

INSTRUCTIONS:

Complete all sections of this form including Part VI, the Fleet Information Form (if applicable). According to the terms of the consent decree, all documentation submitted in support of the funding request and all records supporting all expenditures of Eligible Mitigation Action funds shall be made publicly available. Proposals must be submitted to the address indicated in Part V of this form and must be received by **5:00 PM on Thursday, July 31, 2018** to be considered.

Part I: Applicant Information

Applicant/Organization Name:					
Address:					
City:		State:		Zip Code:	
Authorized Representative Name:					
Authorized Representative Title:					
E-Mail:		Telephone:			
Additional Contact Name: <i>(Optional)</i>					
E-Mail:		Telephone:			
Additional Contact Name: <i>(Optional)</i>					
E-Mail:		Telephone:			
Have you previously submitted a proposal to DEEP for clean diesel or EV charger funding?				<input type="checkbox"/> Yes <input type="checkbox"/> No	
Are you submitting additional proposals for this incentive program? If so, how many?				<input type="checkbox"/> Yes: _____ <input type="checkbox"/> No	
Type of Project Funding Requested				<input type="checkbox"/> Government-owned <input type="checkbox"/> Privately-owned	

Part II: Project Information

Any awarded funding must be used only for eligible projects as listed in [VW’s Environmental Mitigation Trust Agreement for State Beneficiaries](#). Use a separate form for each project. **Projects initiated prior to filing this application are not eligible for funding.**¹

A. Project Summary

Proposed Project Title:	
Select project category. Only one category should be selected per proposal. <i>For the category selected, please provide the documentation required and check the associated box.</i>	
<p>1. Replacement or Repower of On-Road Heavy Duty Vehicles: Class 8 Local Freight Trucks and Port Drayage Trucks; Class 4-8 School Bus, Shuttle Bus, or Transit Bus; and Class 4-7 Local Freight Trucks Replacement/repower may be with new diesel or alternate fueled engine (e.g., compressed natural gas (CNG), propane, hybrid); costs of installation of the engine may be included.</p>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Completed “Part VI. Fleet Information” of this form for the vehicles to be replaced. • Provided Certificate of Origin or other documentation certifying that each vehicle to be replaced has been operating in Connecticut for at least five years. • For projects including the installation of EV charging infrastructure: Applicant has site control² of the proposed infrastructure site. • For School Bus Projects: If project is for a privately-owned bus under contract with a public school district, provided the duration and expiration date of the existing contract. 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Contract Duration Expiration Date	
<p>2. Replacement or Repower of Non-Road Equipment: Airport Ground Support Equipment, Forklifts and Port Cargo Handling Equipment</p> <ul style="list-style-type: none"> • Replacement/repower limited to all-electric; charging infrastructure may be included in project. • Completed “Part VI. Fleet Information” of this form for the pieces of equipment to be replaced. • Provided documentation that the nonroad equipment has been used more than 500 hours in the twelve months preceding this application. 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<p>3. Repower or Engine Upgrade for Commercial Marine Vessels: Ferries and Tugs</p> <ul style="list-style-type: none"> • Tier 1 or Tier 2 diesel engines are being replaced with new Tier 3 or Tier 4 diesel or alternate fueled engines, or with all-electric engines OR • Tier 1 or Tier 2 diesel engines are being upgraded with an EPA Certified Remanufacture System or an EPA Verified Engine Upgrade. 	<input type="checkbox"/> <input type="checkbox"/>

¹ Project initiation activities that can disqualify an application include approving the project in a budget, initiating an RFP, selecting a Vendor, ordering vehicles or equipment, or hiring a contractor.

² Site Control means (1) ownership of, a leasehold interest in, or a right to develop a site for the purpose of constructing the EV Charging Station; (2) an option to purchase or acquire a leasehold site for such purpose; or (3) an exclusivity or other business relationship between the Applicant and the entity having the right to sell, lease or grant the Applicant the right to possess or occupy a site for such purpose. Documentation for verification may be requested.

<ul style="list-style-type: none"> • Provided documentation that the Marine engine has been operating 1,000 or more hours in the twelve months preceding this application. • Completed "Part VI. Fleet Information" of this form for the marine engine(s) to be replaced. 	<input type="checkbox"/> <input type="checkbox"/>
<p>4. Shorepower for Ocean-Going Vessels: May include cables, cable management systems, shore power coupler systems, distribution control systems, and power distribution.</p> <ul style="list-style-type: none"> • Marine shore power systems comply with international shore power design standards (ISO/IEC/IEEE 80005-1-2012 High Voltage Shore Connection Systems or the IEC/PAS 80005-3:2014 Low Voltage Shore Connection Systems) and will be supplied with power sourced from the local utility grid. • Applicant has site control over the shorepower installation site. 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<p>5. Replacement or Repower of Locomotives: Freight Switchers</p> <ul style="list-style-type: none"> • Freight switcher is being <u>repowered</u> with a new diesel or alternate fueled or all-electric engines (including generator sets) OR • Freight switcher is being <u>replaced</u> with a new diesel or alternate fueled or all-electric (including generator sets) freight switchers that are certified to meet the applicable EPA emissions standards. • Provided documentation that the locomotive has been operating 1,000 or more hours in the twelve months preceding this application. • Completed "Part VI. Fleet Information" of this form for the locomotive(s) or engine(s) to be replaced. 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<p>Project Summary: Please provide a detailed description of the proposed project, including community and air quality benefits.</p>	
<div style="border: 1px solid black; height: 300px;"></div>	

B. Proposed Budget for Replacement/Repower Projects

Please provide a list of the expenses for the proposed project.

Line Item:				Cost
Number of Replacement (new)Vehicles/Engines, Make, Model & Year				
Projected mileage for new engine in miles per gallon or diesel gallon equivalents.				
Number of Replacement (new)Vehicles/Engines, Make, Model & Year				
Projected mileage for new engine in miles per gallon or diesel gallon equivalents.				
Number of Replacement (new)Vehicles/Engines, Make, Model & Year				
Projected mileage for new engine in miles per gallon or diesel gallon equivalents.				
EV Charging Infrastructure				
Cost of Charging Station(s) listed below				
Site Preparation Costs for EV Charging Station(s) (labor & materials)				
Installation Costs of EV Charging Station(s) (labor & materials)				
Other (please specify)				
Total Project Cost:				
Number of EV Charging Stations to be Installed?				
<i>Type</i>	<i>Brand</i>	<i>Model</i>	<i>Number of Chargers</i>	<i>Number of Outlets</i>
Level 1				
Level 2				
DC Fast Charger				
Proposed Charging Station(s) location(s)?	<input type="checkbox"/> Privately-owned or government-owned property: access restricted <input type="checkbox"/> Government-owned property: publicly accessible ³ <input type="checkbox"/> Privately-owned property: publicly accessible ¹			
Address of Proposed Installation <i>Provide name of facility, street address, street intersection and/or latitude/longitude and city</i>				
Attached all estimates and specification sheets for vehicles, equipment, engines and labor for the project.				<input type="checkbox"/>

³ Applicants installing publicly-accessible EV charging stations will comply with [Public Act 16-135](#), as required.

C. Proposed Budget for Shorepower Projects

Please provide a list of the expenses for the proposed project.

Line Item:		Cost
Number of Shorepower Units, Brand & Model		
Site Preparation Costs for Shorepower Unit(s) (labor & materials)		
Installation Costs of Shorepower Unit(s) (labor & materials)		
Cables, Cable Management Systems, Shorepower Coupler Systems, Distribution Control Systems, and Power Distribution		
Other Costs (please specify)		
Total Project Cost:		
Address of Proposed Installation: ³ <i>Provide name of facility, street address, street intersection and/or latitude/longitude and city</i>		
Attached all estimates and specification sheets for equipment and labor for the project.		<input type="checkbox"/>

D. Balance of Funds

Maximum funding is not guaranteed. Note that this is a reimbursement program; applicant is responsible for all project costs prior to reimbursement.

Applicant attests they can secure the funds for replacement of vehicles, equipment or engines and for operation and maintenance.	<input type="checkbox"/> Yes <input type="checkbox"/> No
What is the source of these funds?	
What is the timeline for securing these funds? <i>(For government projects: Budget approval process date)</i>	

E. Proposed Schedule of Tasks and Payments

For purposes of this estimate, assume that the proposed project will receive the maximum funding requested. This does not guarantee that the maximum amount will be awarded.

Tasks & Deliverables	Task Delivery Date	Budget & Payments		
		VW Funds	Grantee Cost-Share	Project Total
1. Planning & Procurement: <ul style="list-style-type: none"> Approved work plan with project timeline/schedule. Summary of criteria used for selecting Vendor and name of selected Vendor. 		\$0	\$0	\$0
<ul style="list-style-type: none"> Copy of Purchase Order issued for new vehicle(s)/equipment. Documentation of down payments or other up-front payments made for the project. 		\$0		
2. Delivery of New Vehicle(s)/ Equipment, Scrappage of Replaced Vehicle(s)/Equipment and Engine(s), Completion of Project <ul style="list-style-type: none"> Invoice from the Vendor for delivered vehicle(s)/equipment and documentation of payment to Vendor. 		\$0		
<ul style="list-style-type: none"> Photographic scrappage documentation for replaced vehicle(s)/equipment and engine(s). Completed copy of Certificate of Engine/Chassis Destruction. Invoices for purchase and installation of EV charging infrastructure, if included, and photographic documentation of installed EV charging infrastructure. Confirmation that the project is completed and that the vehicle(s)/ equipment is/are operating satisfactorily for the intended use. An invoice to the Connecticut Department of Energy and Environmental Protection (DEEP) for reimbursement under the grant. 	03/31/20			
3. Provide Updates and Information for Semi-Annual and Other Reports <ul style="list-style-type: none"> Status Update for First Semi-Annual Report. Status Update for Second Semi-Annual Report. Status Update for Third Semi-Annual Report. Status Update for Fourth Semi-Annual Report. Status Update for Fifth Semi-Annual Report. Status Update for Sixth Semi-Annual Report. Required material for Final Report (upon completion but no later than 03/31/20). 	01/01/19 07/01/19 01/01/20 07/01/20 01/01/21 07/01/21 03/31/20	\$0	\$0	\$0
Total:				

Part III: Preferential Criteria

Proposed projects should be cost effective (including consideration of the applicant’s ability to provide matching funds beyond those minimally required), and have potential for completion by March 31, 2020. Proposed projects will be ranked based on a set of criteria reflecting funding priorities for the program. The criteria include, but are not limited to the list below. It is important to note that the list below is of preferential funding criteria, not eligibility criteria. For any criteria referencing geography, please use the geographical area in which the vehicle operates; this may be different from the business address.

Please check all that apply. Any relevant information may be included below each item. (250-word limit)

Project is scaled to achieve the greatest NOx emission reduction or offset per dollar invested (i.e., capital cost effectiveness in dollars/ton of NOx reduced).	<input type="checkbox"/>
Project is in an environmental justice (EJ) and other community that has historically borne a disproportionate share of the adverse impacts of air pollution from sources including, but not limited to transportation hubs/corridors, ports, rail yards, truck stops, airports, terminals, and bus depots.	<input type="checkbox"/>
Project is transformative and promotes other statewide energy, environmental and economic development goals.	<input type="checkbox"/>
Project is located in a nonattainment area, or area with historical issues concerning compliance with federal air quality standards.	<input type="checkbox"/>
Applicant can demonstrate experience and existing administrative and programmatic structure in place for implementing diesel reduction projects.	<input type="checkbox"/>
Project has verified funding or leveraged funding that exceeds the minimum cost share.	<input type="checkbox"/>
Project can be completed in less than eighteen months after the award date (i.e. before the March 31, 2020 deadline).	<input type="checkbox"/>
Applicant has, or project includes, a motor-vehicle anti-idling education and outreach program.	<input type="checkbox"/>

Part IV: Terms & Conditions

Applicant is aware of the eligible options within the Environmental Mitigation Trust Agreement for State Beneficiaries (see Appendix D and Part 10 of Appendix D-2), available at <http://www.ct.gov/deep/lib/deep/air/mobile/vw/2017-10-02 - State Beneficiary Trust Agreement.pdf>.

Applicants must provide a statement attesting that they can secure the balance of funds.

Vehicle/Equipment Owners are required to conduct an open and competitive procurement process for contractual services and/or technologies used on the project and must comply with any other state and federal procurement requirements.

Vehicle/Equipment Owners must agree to keep the replaced or repowered vehicle or equipment operating in Connecticut, with emission controls in place, for a minimum of three years or to replace with equipment with equal or better emissions reductions.

Applicants installing publicly-accessible EV charging stations in conjunction with new EVs will comply with [Public Act 16-135](#),⁴ as required.

Applicants for EV charging station and shorepower projects must have site control over the location of the proposed installation site. Documentation of ownership may be requested.

This is a reimbursement program; award recipients will be required to demonstrate payment for the project before receiving awarded funds. Before being reimbursed, recipient must complete and submit to DEEP a written request for payment, including invoices, proofs of payment and delivery, and confirmation that the project is completed and that the vehicle(s)/equipment are operating satisfactorily for the intended use. A reimbursement request template, with submission information, will be made available to grantees.

If the proposal includes the early replacement of a vehicle or engine, Vehicle/Equipment Owners must provide documentation that the old vehicle or engine has been rendered permanently disabled before funds are released for final payment.

Project must be completed and paperwork submitted no later than March 31, 2020. DEEP cannot guarantee reimbursement payments for submissions after that date.

I hereby affirm, under penalty of law, that the information provided here is true and correct to the best of my knowledge. I further affirm that I have read, understand, and agree to all of the terms and conditions stated above. I understand that if it is determined that any funds were awarded to me as a result of false statements, I will be required to reimburse said funds to DEEP. I further understand that any false statement made in the submitted information may be punishable as a criminal offense under section 22a-175 of the Connecticut General Statutes, under section 53a-157b of the Connecticut General Statutes, and in accordance with any applicable statute.

Signature _____
Typed Name _____ Date _____

⁴ The relevant portions are codified in [Section 16-19f](#), [Section 16-19ggg](#), and subsection b of [Section 43-3](#) of the Connecticut General Statutes.

Part V: Submission

Please mail this completed form and all supporting documentation to

Central Permit Processing Unit
Connecticut Department of Energy & Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

All Inquiries should be directed to the Connecticut Department of Energy & Environmental Protection
Bureau of Air Management - Planning and Standards Division at DEEP.MobileSources@ct.gov.

