**Government of Puerto Rico**

**Volkswagen Mitigation Trust**

**Mitigation Action Proposal Form**

The Government of Puerto Rico, as a beneficiary of the Volkswagen Diesel Emissions Environmental Mitigation Trust for State Beneficiaries, Puerto Rico, and the District of Columbia. (“VW Mitigation Trust”) established pursuant to the national Volkswagen settlement, intends to use its allocation from the mitigation trust to efficiently implement projects that reduce oxides of nitrogen (NOx) and other pollutants related to diesel emission in a cost effective and technically feasible manner. This form was designed in order to assure that all project proposals contains the minimum information required under the VW Mitigation Trust and allow the Government to properly evaluate if the proposal complies with the Puerto Rico Mitigation Action Plan.

If the proposal is approved, the form and all its information will be used to support funding request. As required by the VW Mitigation Trust, the Government of Puerto Rico shall maintain and make publicly available all documentation and records submitted in support of each funding request, subject to applicable laws governing the publication of confidential business information and personally identifiable information.

**Instructions:**

Complete all sections of this form as applicable. Only one mitigation action per form. This form and all its supporting documentation shall be submitted in PDF format to the following e-mail address: vwmititrust@jca.pr.gov.

Part I: Applicant Information

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Applicant/Organization name:** | | | |  | | | | | | | |
| **Postal address:** | | |  | | | | | | | | |
|  | **City:** |  | | | **State:** | |  | | **Postal Code:** | |  |
|  |  |  | | |  | |  | |  | |  |
| **Responsible Official Name:** | | | |  | | | | | | | |
|  | **Title:** | |  | | | | | | |  | |
|  | **Phone:** | |  | | | | | **e-mail:** | |  | |
| **Additional Contact Name:** | | | |  | | | | | | | |
|  | **Title:** | |  | | | | | | |  | |
|  | **Phone:** | |  | | | | | **e-mail:** | |  | |
| **Entity type proposing project:** | | | | | | Choose an item. | | | | | |
| **Total Trust funds required:** | | | | | | $ | | | | | |

**Part II: Project Information**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Title:** | | | | Click here to enter text. | | | | | | |
| **Project Category:** (Choose appropriate category based on Appendix A, select only one) | | | | | | | | | | |
| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |

**Summary Statement**

Click here to enter text.

**How project fits in Puerto Rico Mitigation Plan**

Click here to enter text.

**Detail description of mitigation action**

Include a detailed description of the proposed mitigation action, including air quality benefits

**Description of areas that will be affected by project**

Indicate, the areas that will be affected. Could identify MSA under the plan with greatest impact. For example, replacement of HDV for a fleet that collect merchandise in SJ Bay, should identify San Juan MSA as the affected area.

**Estimate of NOX and other air pollutants reduction**

Could use [diesel emission quantifier](https://19january2017snapshot.epa.gov/cleandiesel/diesel-emissions-quantifier-deq_.html) or other sources to obtain this data

**Describe cost share requirements and funds nature**

Click here to enter text.

**Project Costs**

Provide total estimated project budget, include source and amount of cost share if applicable

Table 1: Project Budget

|  |  |  |
| --- | --- | --- |
| Expense Category | Trust Funds | Cost share |
| Personnel & Fringe Benefits | $ | $ |
| Transport and diem | $ | $ |
| Contract services | $ | $ |
| Materials and supplies | $ | $ |
| Equipment | $ | $ |
| Other:Click here to enter text. | $ | $ |
| Other: Click here to enter text. | $ | $ |
| **Total Charges** | **$** | **$** |

***Detail costs estimates***

Provides mitigation action detail costs estimates and potential vendors information.

***Personnel***

|  |  |  |  |
| --- | --- | --- | --- |
| **Name/Responsibility** | **% of Time on Project** | **Salary & Fringe** | |
| **Trust** | **Cost Share** |
|  | % | $ | $ |
|  | % | $ | $ |
|  | % | $ | $ |
|  | % | $ | $ |
| **Sub-total** |  | **$** | **$** |

***Transport and diem***

|  |  |  |
| --- | --- | --- |
| **Expense description** | **Trust** | **Cost Share** |
|  | $ | $ |
|  | $ | $ |
|  | $ | $ |
| **Sub-total** | **$** | **$** |

***Contract services***

|  |  |  |
| --- | --- | --- |
| **Service description** | **Trust** | **Cost Share** |
|  | $ | $ |
|  | $ | $ |
|  | $ | $ |
| **Sub-total** | **$** | **$** |

***Materials and Supplies***

|  |  |  |
| --- | --- | --- |
| **Supplies description** | **Trust** | **Cost Share** |
|  | $ | $ |
|  | $ | $ |
|  | $ | $ |
| **Sub-total** | **$** | **$** |

***Equipment***

|  |  |  |
| --- | --- | --- |
| **Equipment description** | **Trust** | **Cost Share** |
|  | $ | $ |
|  | $ | $ |
|  | $ | $ |
| **Sub-total** | **$** | **$** |

***Other expenses***

|  |  |  |
| --- | --- | --- |
| **Expense description** | **Trust** | **Cost Share** |
|  | $ | $ |
|  | $ | $ |
|  | $ | $ |
| **Sub-total** | **$** | **$** |

**Project schedule**

Example provided

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Prepare request for proposal |  |
| Obtain cost estimates |  |
| Obtain cost shares |  |
| Notify and certify to agency that obtain cost share |  |
| Start contract/purchase order |  |
| Complete contract purchase order |  |
| Receive equipment |  |
| Start installation |  |
| Complete installation |  |
| Inspection/evaluation installation completion |  |

The project proposal should contains a certification that all vendors will be selected in accordance with Puerto Rico Government service acquisition procedures.

Appendix A: Eligible Projects

For detail information on eligible mitigation actions and expenditures, refer to Appendix D-2 of the VW Mitigation Trust.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cat.** | **Description** | **Strategy** | **Allowed amount** | |
| **Private** | **Gov.** |
| 1 | Class 8 local freight trucks & port drayage trucks.   * Eligible Large Trucks include 1992 -2009 engine model * Eligible Large Trucks must be scrapped. * Engine model year in which the action occurs or one engine model year prior. | Repower with a new diesel or Alternate Fueled | 40% | 100% |
| new diesel or Alternate Fueled | 25% | 100% |
| Repower with a new All-Electric engine | 75% | 100% |
| New All-Electric vehicle, including charging infrastructure | 75% | 100% |
| 2 | Class 4-8 school bus, shuttle bus or transit bus   * Eligible Large Trucks include 2009 engine model or older * Eligible Large Trucks must be scrapped. * Engine model year in which the action occurs or one engine model year prior. | Repower with a new diesel or Alternate Fueled | 40% | 100% |
| new diesel or Alternate Fueled | 25% | 100% |
| Repower with a new All-Electric engine | 75% | 100% |
| New All-Electric vehicle, including charging infrastructure | 75% | 100% |
| 3 | Freight switching locomotives   * Pre-Tier 4 switcher locomotives that operate 1000 or more hours per year. * Eligible Freight Switchers must be scrapped. * Certified to meet the applicable EPA emissions standards | Repower with a new diesel or Alternate Fueled | 40% | 100% |
| New diesel or alternate fueled Freight Switcher. | 25% | 100% |
| Repower with a new All-Electric engine | 75% | 100% |
| New All-Electric Freight Switcher | 75% | 100% |
| 4 | Ferries/Tugs   * Include unregulated, Tier 1, or Tier 2 marine engines. * Engines that are replaced must be scrapped. * May be repowered with any new Tier 3 or Tier 4 diesel or alternate fuel engines, or with all-electric engines, or may be upgraded with an EPA Certified Remanufacture System or an EPA Verified Engine Upgrade. | Repower with a new diesel or alternate fueled engine | 40% | 100% |
| Repower with a new all-electric engine | 75% | 100% |
| 5 | Ocean Going Vessels shorepower | Includes systems that enable a compatible vessel’s main and auxiliary engines to remain off while the vessel is at berth | 25% | 100% |
| 6 | Class 4-7 local freight trucks   * Eligible Large Trucks include 1992-2009 engine model. * Eligible Large Trucks must be scrapped. * Engine model year in which the action occurs or one engine model year prior. | Repower with a new diesel or Alternate Fueled | 40% | 100% |
| new diesel or Alternate Fueled | 25% | 100% |
| Repower with a new All-Electric engine | 75% | 100% |
| New All-Electric vehicle, including charging infrastructure | 75% | 100% |
| 7 | Airport ground support equipment   * Eligible equipment includes: * Tier 0, Tier 1, or Tier 2 diesel powered equipment; and * Uncertified, or certified to 3 g/bhp-hr or higher, spark ignition engine. * Eligible equipment must be scrapped. | Repower with a new all-electric engine | 75% | 100% |
| New All-Electric Airport Ground Support Equipment | 75% | 100% |
| 8 | Forklifts and Port Cargo Handling Equipment | Repower with a new All-Electric engine | 75% | 100% |
|  |  | New all-electric forklift or port cargo handling equipment | 75% | 100% |
| 9 | Electric vehicle charging stations or hydrogen fueling stations for light duty vehicles only.   * Beneficiary may use up to fifteen percent (15%) of its allocation on the costs necessary for, and directly connected to, the acquisition, installation, operation and maintenance of new light duty zero emission vehicle supply equipment * Trust Fund shall not be made available or used to purchase or rent real-estate, other capital costs (e.g., construction of buildings, parking facilities, etc.) or general maintenance (i.e., maintenance other than of the supply equipment). | Light duty electric vehicle supply equipment that will be available to the public at a Government Owned Property | 100% | 100% |
| Light duty electric vehicle supply equipment that will be available to the public at a Non-Government Owned Property. | 80% | 80% |
| Light duty electric vehicle supply equipment that is available at a workplace but not to the general public. | 60% | 60% |
| Light duty electric vehicle supply equipment that is available at a multi-unit dwelling but not to the general public. | 60% | 60% |
| Light duty hydrogen fuel cell vehicle supply equipment capable of dispensing at least 250 kg/day that will be available to the public. | 33% | 33% |
| Light duty hydrogen fuel cell vehicle supply equipment capable of dispensing at least 100 kg/day that will be available to the public. | 25% | 25% |
| 10 | DERA Option | EPA strategy | 50% | 50% |

**Appendix B: Vehicle Fleet Information**

For vehicle repower and replacement. List all vehicles or engines that will be replaced/repowered for the proposed project.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Vehicle Class | Vehicle make | Vehicle year | Vehicle Identification Number (VIN) | Engine make | Engine model | Engine model year | Engine serial number | Engine horsepower | Fuel type | Estimate annual mileage run | Estimate vehicle idling hours |
|  |  |  |  |  |  |  |  |  |  |  |  |
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