

APPENDIX D-4
Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary: State of Florida

Lead Agency Authorized to Act on Behalf of the Beneficiary: Florida Department of Environmental Protection
 (Any authorized person with delegation of such authority to direct the Trustee delivered to the Trustee pursuant to a Delegation of Authority and Certificate of Incumbency)

Action Title:	Class 4-8 School Bus, Shuttle Bus, or Transit Bus
Beneficiary's Project ID:	Electric School Bus Project
Funding Request No.	<i>(sequential)</i> 4
Request Type: (select one or more)	<input type="checkbox"/> Reimbursement <input checked="" type="checkbox"/> Advance <input type="checkbox"/> Other (specify): _____
Payment to be made to: (select one or more)	<input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
Funding Request & Direction (Attachment A)	<input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

SUMMARY

Eligible Mitigation Action	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>Class 4-8 School Bus, Shuttle Bus, or Transit Bus</u> <input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal):
Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1):	<i>See Attached</i>
Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):	<i>See Attached</i>
Estimate of Anticipated NOx Reductions (5.2.3):	<i>See Attached</i>
Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):	<i>See Attached</i>
Describe how the Beneficiary will make documentation publicly available (5.2.7.2).	<i>See Attached</i>
Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).	<i>See Attached</i>
Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).	<i>See Attached</i>

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).

See Attached

ATTACHMENTS
(CHECK BOX IF ATTACHED)

- Attachment A** **Funding Request and Direction.**
- Attachment B** **Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).**
- Attachment C** **Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).**
- Attachment D** **Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]**
- Attachment E** **DERA Option (5.2.12). [Attach only if using DERA option.]**
- Attachment F** **Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]**

CERTIFICATIONS

By submitting this application, the Lead Agency makes the following certifications:

- 1. This application is submitted on behalf of Beneficiary _____ State of Florida _____, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.**
- 2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.**
- 3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.**
- 4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)**
- 5. Beneficiary will maintain and make publicly available all documentation submitted in**

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: January 22, 2021



Jeff Koerner

[NAME] Jeff Koerner
[TITLE] Director
Division of Air Resource Management
Florida Department of Environmental Protection
[LEAD AGENCY]

for

State of Florida
[BENEFICIARY]

Beneficiary Eligible Mitigation Action Certification

Beneficiary: State of Florida

Lead Agency: Florida Department of Environmental Protection (DEP)

Action Title:	Class 4-8 School Bus, Shuttle Bus, or Transit Bus
Beneficiary's Project ID:	Electric School Bus Project
Funding Request No.	(sequential) 4

Summary

Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1):

Florida's Beneficiary Mitigation Plan (MP) allocates 70 percent (approximately \$116 million) of available funding for School, Transit, and Shuttle Bus projects (MP pages 3, 24, and 25).

Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):

The electric school bus project is for the replacement of eligible Type C or Type D diesel school buses with electric school buses. This project will be in part funded by DEP with a match by the school district grantee. Florida public school districts may use this grant application worksheet to apply for up to 75 percent cost-reimbursement from the Department for the replacement of 2009 or older diesel Type C or Type D school buses with new electric-battery powered Type C or Type D school buses. Only school districts within an Air Quality Priority Area designated in the Mitigation Plan are eligible for this project. School districts must provide at least a 25 percent cost share. Funding in the amount of \$57 million will be provided on a competitive basis with school districts that provide the highest cost share being prioritized. Districts are encouraged to create partnerships (e.g. with local electric utilities or other business entities) to maximize cost-share. The selected districts will purchase electric school buses from Department of Education's approved vendor list or competitively identify a bus vendor which will supply an electric bus that meets Florida's school bus safety requirements. Once the competitively selected school districts are identified, the Department will prepare grant agreements with specific deliverables, including the permanently disabling of the replaced buses, also known as scrapping. Each grant agreement will include a detailed scope of work, timeline, and payment schedule.

Estimate of Anticipated NOx Reductions (5.2.3):

DEP anticipates a positive impact on NOx emissions from the replacement of diesel school buses with electric school buses. Based on initial calculations using EPA's Diesel Emissions Quantifier, DEP expects approximately between 100 pounds and 300 pounds of NOx reduced per school bus replaced. This NOx benefit will differ based on the age and usage of each school bus.

Identification of Governmental Entity Responsible for Review and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):

Florida Department of Environmental Protection (DEP)

Describe how the Beneficiary will make documentation publicly available (5.2.7.2).

DEP maintains a webpage dedicated to the providing background resources and current information about the Mitigation Trust. DEP also maintains a DERA webpage as required under the federal grant. Additionally, DEP manages an electronic mailing subscription service to provide notices and information to all subscribers. All pages are navigable from the main webpage at www.FloridaDEP.gov/volkswagen.

Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).

DEP will provide at least 75% funding for projects, requiring at least 25% cost share from school districts.

Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).

DEP sent notice via ground mail and electronic mail to the representatives of the U.S. Department of Agriculture, and the U.S. Department of the Interior listed in subparagraph 4.2.8 of the Final Trust Agreement on February 22, 2018.

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).

This electric school bus project provides funding for school districts in Air Quality Priority Areas to replace diesel school buses with electric school buses. 23 of 67 counties in Florida make up the five Air Quality Priority Areas, as designated in Florida's Beneficiary Mitigation Plan. The Mitigation Plan provides greater detail as to the development of these areas. In summary, DEP balanced the following factors in developing these areas:

- The National Emissions Inventory,
- Ambient air monitoring data,
- EPA's Environmental Justice Screening Tool, and
- Population data.

Attachment B

Eligible Mitigation Action Management Plan – Project Management Plan

Implementation and Expenditures Timeline – Project Schedule and Milestones

Milestone	Estimated Start/End Date
DEP Publishes Notice of Funding Availability	11/16/2020 – 1/18/2021
Applications Due to DEP	1/18/2021
DEP Sets Priority Order of Applications	January 2021
DEP Announces Awarded Applicants	January 2021
DEP Submits Semiannual Report to Trustee	By 1/30/2021
DEP Develops Grant Agreements with Grantees	February 2021
Grant Agreements Executed – Work Commences	February 2021
Project Completion Date	24-Months after Grant Agreement is Executed

Budget Narrative

The electric school bus project is for the replacement of eligible Type C or Type D diesel school buses with electric school buses. This project will be in part funded by DEP with a match by the school district grantee. Florida public school districts may use this grant application worksheet to apply for up to 75 percent cost-reimbursement from the Department for the replacement of 2009 or older diesel Type C or Type D school buses with new electric-battery powered Type C or Type D school buses. Only school districts within an Air Quality Priority Area designated in the Mitigation Plan are eligible for this project.

School districts must provide at least a 25 percent cost share. Funding in the amount of \$57 million will be provided on a competitive basis with school districts that provide the highest cost share being prioritized. Districts are encouraged to create partnerships (e.g. with local electric utilities or other business entities) to maximize cost-share. The selected districts will purchase electric school buses from Department of Education’s approved vendor list or competitively identify a bus vendor which will supply an electric bus that meets Florida’s school bus safety requirements. Once the competitively selected school districts are identified, the Department will prepare grant agreements with specific deliverables, including the permanently disabling of the replaced buses, also known as scrapping. Each grant agreement will include a detailed scope of work, timeline, and payment schedule.

EVCI – Phase 1 Project Estimates

	Total Approved Maximum Budget	Share of Maximum Total Budget to be Funded by the Trust	Potential Cost-Share (Multiple Grantees)
Project Totals	\$57,000,000	\$57,000,000	\$19,000,000
Percentage		75%	25%

Projected Trust Allocations

	February – September 2020
1. Anticipated 2021 Project Funding Request to be paid through the Trust	\$57,000,000
2. Anticipated Annual Cost Share	\$19,000,000 (25% cost share)
3. Anticipated Total Project Funding by Year	\$76,000,000
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$14,500,000
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$57,000,000
6. Total Funding Allocated to for Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$71,500,000
7. Beneficiary Share of Estimated Funds Remaining in Trust	\$151,778,744.54
8. Net Beneficiary Funds Remains in Trust Net of cumulative Beneficiary Funding Actions	\$94,778,744.54

Attachment C

Detailed Plan for Reporting on Eligible Mitigation Action Implementation

As set forth in subparagraph 5.2.11 of the Environmental Trust Agreement for State Beneficiaries (Final Trust Agreement), Beneficiaries must set for a “detailed plan for reporting on Eligible Mitigation Action implementation” to be included in an Appendix D-4 funding request. The Florida Department of Environmental Protection intends to report based on the obligations set forth in 5.3 of the Final Trust Agreement, seen below:

5.3 Beneficiary Reporting Obligations: For each Eligible Mitigation Action, no later than six months after receiving its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, each Beneficiary shall submit to the Trustee a semiannual report describing the progress implementing each Eligible Mitigation Action during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date). Such reports shall include a complete description of the status (including actual or projected termination date), development, implementation, and any modification of each approved Eligible Mitigation Action. Beneficiaries may group multiple Eligible Mitigation Actions and multiple sub-beneficiaries into a single report. These reports shall be signed by an official with the authority to submit the report for the Beneficiary and must contain an attestation that the information is true and correct and that the submission is made under penalty of perjury. To the extent a Beneficiary avails itself of the DERA Option described in Appendix D-2, that Beneficiary may submit its DERA Quarterly Programmatic Reports in satisfaction of its obligations under this Paragraph as to those Eligible Mitigation Actions funded through the DERA Option. The Trustee shall post each semiannual report on the State Trust’s public-facing website upon receipt.

Attachment D

Detailed Cost Estimates from Selected or Potential Vendors for Each Proposed Expenditure

The price for each electric school bus (unit) and installation of charging infrastructure is approximately \$400,000. DEP will provide a maximum amount of 75% cost share with grantees participating in this project. Eligible school districts are required to provide a minimum amount of 25% cost share for each unit and installation of necessary infrastructure. With the \$57 million requested and the \$19 million in cost share, this project anticipates an approximate 190 electric school buses to replace 190 eligible diesel school buses assuming a nominal installation cost. Included in this attachment is a table which provides unit-specific pricing as defined by the Florida Department of Education's (DOE) approved vendor list, which is a contract to set electric school bus prices and time to fulfill orders, among other administrative and safety requirements. School districts will have the option to order buses through the approved vendor list or by competitively procuring a vendor with a product that meets Florida's school bus safety requirements.

The following Type C and Type D electric school buses in the DOE approved vendor list have the following set prices (does not include installation):

Florida Department of Education - Electric School Buses		
Type C or Type D	TYPE C: 71 Capacity	TYPE D: 84 Capacity
Standard Tire	Varies by OEM	Varies by OEM
Base School Bus Price	\$ 90,632.00	\$ 119,323.00
PA with Radio	\$ 620.00	\$ 550.00
Bus Lockup System	\$ 264.00	\$ 374.00
Electric a/c installation	\$ 36,250.00	\$ 36,250.00
Electric option	\$ 233,458.00	\$ 218,761.00
Level 2 AC Charger (19.2 kW)	\$ 2,000.00	\$ 2,000.00
PowerPort Mount Pedestal	\$ 1,500.00	\$ 1,500.00
Delivery	\$ 3,700.00	\$ 3,700.00
Total	\$ 368,424.00	\$ 382,458.00

Air Quality Priority Areas

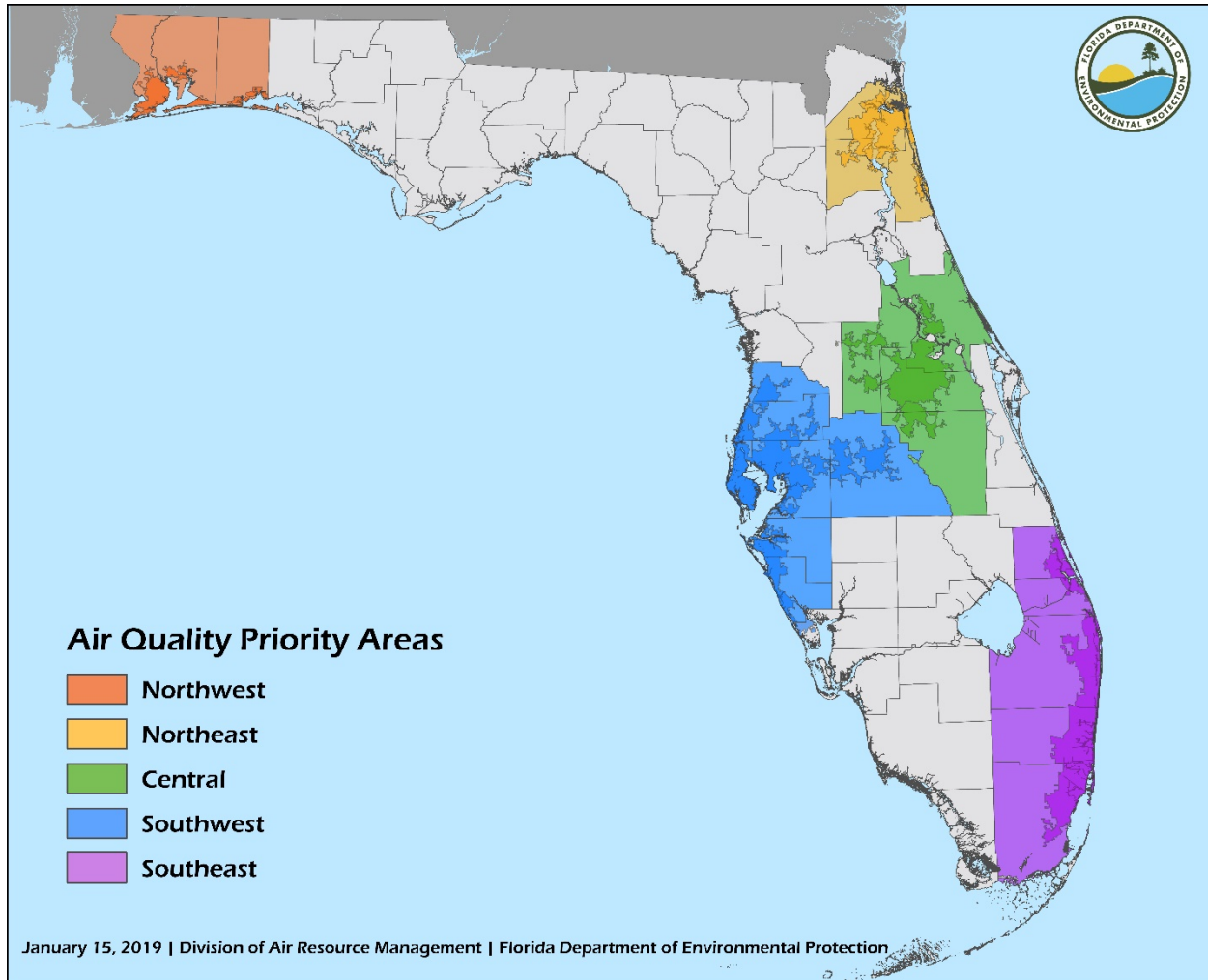
Southeast: Broward, Martin, Miami-Dade, Palm Beach, and St. Lucie counties

Southwest: Hernando, Hillsborough, Manatee, Pasco, Pinellas, Polk, and Sarasota counties

Central: Lake, Orange, Osceola, Seminole, and Volusia counties

Northeast: Clay, Duval, and St. Johns counties

Northwest: Escambia, Okaloosa, and Santa Rosa counties



*Detailed information about the development of the Air Quality Priority Areas starts on page 9 of Florida's Beneficiary Mitigation Plan.



FLORIDA DEPARTMENT OF Environmental Protection

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Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

Electric School Bus Project Application Worksheet

Project Description:

This Notice of Funding Availability is for the replacement of eligible Type C or Type D school buses with electric school buses. This project will be in part funded by the Department using Volkswagen Settlement funding. All interested parties must complete and send this application worksheet to VWMitigation@FloridaDEP.gov.

Florida public school districts may use this grant application worksheet to apply for up to 75 percent cost-reimbursement from the Department for the replacement of 2009 or older diesel Type C or Type D school buses with new electric-battery powered Type C or Type D school buses. Only school districts within an Air Quality Priority Area designated in the Mitigation Plan are eligible for this project. School districts must provide at least a 25 percent cost share. Funding in the amount of \$57 million will be provided on a competitive basis with school districts that provide the highest cost share being prioritized. Districts are encouraged to create partnerships (e.g. with local electric utilities or other business entities) to maximize cost-share. The selected districts will purchase electric school buses from Department of Education's approved vendor list or competitively identify a bus vendor which will supply an electric bus that meets Florida's school bus safety requirements.

Once the competitively-selected school districts are identified, the Department will prepare grant agreements with specific deliverables, including the permanently disabling of the replaced buses, also known as scrapping. Each grant agreement will include a detailed scope of work, timeline, and payment schedule.

Air Quality Priority Areas

Southeast: Broward, Martin, Miami-Dade, Palm Beach, and St. Lucie counties

Southwest: Hernando, Hillsborough, Manatee, Pasco, Pinellas, Polk, and Sarasota counties

Central: Lake, Orange, Osceola, Seminole, and Volusia counties

Northeast: Clay, Duval, and St. Johns counties

Northwest: Escambia, Okaloosa, and Santa Rosa counties

Applicant Information – Electric School Bus Project	
1) Applicant's name:	
2) School District:	
3) Street address:	
4) Email address:	5) Contact phone:
6) Are the unit(s) to be replaced engine model year 2009 or older? Yes _____ or No _____	
7) Total Number of buses in your fleet:	
8) Total Number of eligible buses (engine model year 2009 or older) in your fleet:	
9) Is the entity aware that to receive funding it must bore a 3” hole through the engine block and cut the chassis in half of each eligible bus to meet the scrappage requirement? Yes _____ No _____	
10) How many school buses to be replaced:	
11) Provide the following details for the project:	
Estimated Cost Per Electric Bus:	
Estimated Cost Per Charging Station:	
Number of Electric Buses:	
Number of Charging Stations:	
Cost Share (Minimum 25%):	
Total Project Cost:	