

## BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

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Beneficiary State of Arkansas

Lead Agency Authorized to Act on Behalf of the Beneficiary Arkansas Department of Environmental Quality (ADEQ)

*(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)*

<b>Action Title:</b>	State Agency Fleet Emission Reduction Grant
<b>Beneficiary's Project ID:</b>	State Agency Fleet Emission Reduction Grant (SAFER)
<b>Funding Request No.</b> <b>(select one or more)</b>	(sequential)
<b>Request Type:</b> <b>(select one or more)</b>	<input type="checkbox"/> Reimbursement <input type="checkbox"/> Advance <input checked="" type="checkbox"/> Other (specify): Program management plan, program reporting plan are included with this submission. Multiple <u>Attachment A</u> Funding Request & Direction will be attached to this Eligible Mitigation Action Certification (EMAC) as projects, and associated administrative work, are completed.
<b>Payment to be made to:</b> <b>(select one or more)</b>	<input checked="" type="checkbox"/> Beneficiary <input checked="" type="checkbox"/> Other (specify): Funding Requests will be submitted for both administrative costs of the Beneficiary and for equipment costs of program award recipients as projects under this program are implemented.
<b>Funding Request &amp; Direction (Attachment A)</b>	<input type="checkbox"/> Attached to this Certification <input checked="" type="checkbox"/> To be Provided Separately

### SUMMARY

**Eligible Mitigation Action**  Appendix D-2 item (specify): Items 1, 2, and 6

**Action Type**  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):**

This Eligible Mitigation Action Certification (EMAC) implements the State Agency Fleet Emission Reduction Grant (SAFER) described in section IV.E. of Arkansas's Beneficiary Mitigation Plan submitted to the Trustee on June 25, 2018. ADEQ plans to award the \$1,168,200 allocated in the Beneficiary Mitigation Plan for this action through a one-time competitive funding assistance program.

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

The State Agency Fleet Emission Reduction Grant (SAFER) provides funding assistance for projects by Arkansas State Agencies that reduce emissions by repowering or replacing eligible diesel vehicles with newer diesel, alternate-fueled (low nitrogen oxide (NOx) compressed natural gas (CNG), propane (LPG), or liquefied natural gas (LNG)), or all-electric vehicle (EV) technologies.

Eligible vehicles for repower or replacement under this program include diesel-powered vehicles with an engine model year between 1992 and 2009 that fall into one of the following categories:

- Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks)
- Class 4–8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)
- Class 4–7 Local Freight Trucks (Medium Trucks)

Eligible vehicles may be repowered with any alternate fueled or all-electric engine, or may be replaced with any new diesel or alternate fueled or all-electric vehicle, with the engine model year in which the project occurs or one engine model year prior. Scrappage of replaced equipment is required.

Awards for this program are offered on a competitive basis. Applications will be scored based on the Cost-effectiveness of the project in dollars per pound of nitrogen oxides (NOx) reduced calculated by ADEQ based on applicant project inputs such as miles driven, idling hours per day, etc.

ADEQ will not evaluate incomplete applications.

At the close of the application period ADEQ will evaluate all applications received based on the criteria above and select the highest scoring applications for awards under the program for that funding year. ADEQ will execute a memorandum of agreement (MOA) with each selected applicant detailing requirements for implementation of their specific project. MOAs will specify the following:

- Description of proposed project
- Eligible expenses
  - Invoice cost of new equipment
  - New equipment/vehicle delivery charges
  - Sales tax
- Percentage reimbursement and maximum allowable reimbursement
- Project milestone reporting requirements
- Documentation required for reimbursement
  - Request for reimbursement
  - Bid specifications
  - Proof of publication of competitive bidding
  - Completed and signed competitive bid form
  - Quotes or bids received
  - Proof of Purchase (Vendor's Invoice)
  - Completed W-9
  - Narrative describing how the engine or chassis was destroyed
  - Photographic evidence of scrappage
    - One (1) side profile of the old equipment/vehicle(s)
    - One (1) of the vehicle identification number (VIN) for the old equipment/vehicle(s)
    - One (1) of the engine tag showing the engine serial number, and engine family

- identifier of the old equipment/vehicle(s);
- Two (2) of the engine block → one (1) photo before the holes are drilled, and one (1) photo after the holes are drilled; and
- Two (2) of the chassis → one (1) before and one (1) after it has been cut in half, if not sold for scrap.
- Photos of the new equipment
  - one (1) side profile photo of the new equipment/vehicle(s);
  - one (1) photo of the VIN for the new equipment/vehicle(s);
  - one (1) photo of the engine tag showing the engine serial number and engine family identifier of the new equipment/vehicle(s);
- Complete final report including the matching funds amount, the engine's serial number(s) and the VINs
- Environmental Protection Agency (EPA) or California Air Resources Board (CARB) vehicle/engine model year certification
- Records retention requirements

ADEQ will request reimbursement of eligible expenses be directed to the applicant once the project is complete and all required documentation has been submitted to ADEQ. ADEQ will also submit a reimbursement request for administrative costs associated with implementing the State Agency Fleet Emission Reduction (SAFER). Grant Funds will be dispersed chronologically once the project has been completed based on the reimbursement request date.

**Estimate of Anticipated NOx Reductions (5.2.3):** Specific NOx reductions will be calculated for each project. Anticipated NOx emission reductions will vary depending on the type of vehicle replaced and the fuel with which the vehicle is replaced. The table below estimates NOx emission reductions from several vehicle types and fuels. EV emissions reductions are based on local emission reductions and do not include emissions associated with generation of electricity.

Target fleet	Replacement technology	Short tons per year of NOx emissions reduced per vehicle	Percent NOx emissions reduced
Combination short-haul truck	CNG	0.433–1.893	99.7%
	LNG	0.433–1.893	99.7%
	New Diesel	0.349–1.809	79.8–95.3%
	EV	0.437–1.897	100.0%
Single unit short-haul truck	CNG	0.060–0.237	98.6–98.7%
	LNG	0.060–0.237	98.6–98.7%
	New Diesel	0.049–0.226	81.1–95.1%
	LPG	0.052–0.230	85.7–96.3%
	EV	0.061–0.238	100.0%
Transit bus	CNG	0.165–0.923	99.7%
	LNG	0.165–0.923	99.7%
	EV	0.167–0.925	100.0%
School bus	CNG	0.041–0.225	85.7–97.0%
	LNG	0.041–0.225	85.7–97.0%
	LPG	0.040–0.224	83.6–96.6%
	EV	0.048–0.232	100.0%
Refuse truck	CNG	0.111–0.472	98.5–99.6%
	LNG	0.111–0.472	98.5–99.6%
	EV	0.113–0.474	100.0%

Light commercial truck	CNG	0.022–0.157	80.9–96.8%	
	LPG	0.022–0.157	80.9–96.8%	
	New Diesel	0.012–0.147	43.1–90.6%	
	EV	0.027–0.162	100.0%	

**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):**

Arkansas Department of Finance and Administration

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

ADEQ will post this EMAC minus Attachments A and D, as well as project application instructions for the program described in this EMAC to <https://www.adeq.state.ar.us/air/planning/vw.aspx>. ADEQ will upload information including estimated emissions reductions, program implementation milestones, and project recipients and awards to the same web page.

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

No cost share requirements will apply to projects under this program. All vehicles repowered or replaced under this program must be owned and operated by an Arkansas State Agency; therefore, no cost share is required under the terms of the Environmental Trust Agreement.. ADEQ retains the right to partially fund proposals.

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

On February 28, 2018, ADEQ provided notice to the U.S. Fish and Wildlife Service, U.S. National Park Service, and the U.S. Forest Service of Arkansas's designation as a Beneficiary under the Trust. These notices were sent to the email addresses listed in the Trust Agreement and included a letter from Stuart Spencer, Associate Director of the Office of Air Quality at ADEQ, the Environmental Mitigation Trust Agreement for State Beneficiaries, the Notice of Beneficiary Designation, and the Amended D-3 Certification with Attachment. These federal land managers were also provided with a link to <https://www.adeq.state.ar.us/air/planning/vw.aspx>, where ADEQ is posting information related to ADEQ's implementation of Arkansas's beneficiary mitigation plan. These notifications have been posted to the web page.

**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 funding assistance program will not specifically target any particular area of the state; however, ADEQ anticipates that replacement or repower of older diesel powered Class 4 – Class 8 vehicles used by State Agencies with newer more efficient diesel, alternate-fueled (low nitrogen oxide (NOx) compressed natural gas (CNG), propane (LPG), or liquefied natural gas (LNG)), or all-electric vehicle (EV) technologies will result in air quality benefits for many Arkansas communities, including those communities that have borne a disproportionate share of the adverse impacts of NOx emissions from Volkswagen vehicles subject to the settlement and areas with historically high ozone and fine particulate matter concentrations.

**ATTACHMENTS**  
**(CHECK BOX IF ATTACHED)**

<b>Attachment A</b>	<b>Funding Request and Direction</b>
<b>✓ Attachment B</b>	<b>Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4)</b>
<b>✓ Attachment C</b>	<b>Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11)</b>
<b>✓ Attachment D</b>	<b>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.]</b>
<b>Attachment E</b>	<b>DERA Option (5.2.12). [Attach only if using DERA option.]</b>
<b>Attachment F</b>	<b>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.]</b>

## **CERTIFICATIONS**

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

- 1. This application is submitted on behalf of Beneficiary Arkansas, 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:** 12.27.2024



**Demetria Kimbrough  
Associate Director, Office of Air Quality**

Arkansas Department of Energy and Environment  
**[LEAD AGENCY]**

**for**

State of Arkansas  
**[BENEFICIARY]**

## **ATTACHMENT B**

### **SAFER PROJECT MANAGEMENT PLAN**

#### **PROGRAM SCHEDULE AND MILESTONES**

The State Agency Fleet Emission Reduction Grant (SAFER) program will provide funding assistance on a competitive basis for projects that reduce emissions by repowering or replacing eligible diesel vehicles with diesel, alternate-fueled (low NOx compressed natural gas, propane, or liquefied natural gas), or all-electric vehicle technologies. ADEQ anticipate funding this program under Arkansas's Beneficiary Mitigation Plan in one year.

Milestone	Date
Lead Agency Submits Program Eligible Mitigation Action Certification (EMAC), including Attachments B and C	November 15, 2018
Trustee Acknowledges Receipt of Program Certification	Est. November 30, 2018
Trustee Allocates Share of State Funds for Approved Program	Est. December 28, 2018
Lead Agency Provides Notice of Availability of Program Funds	Within 15 days of Trustee approval of EMAC
Lead Agency Begins Accepting Applications For Program Year funding	Jan 1, 2019
Application Period for Program Closes when all Funds are Expended or by 30, 2019, Whichever Comes First	September 30, 2019
Lead Agency Reviews and Scores Applications and Selects Projects to be Funded Quarterly, until Funds are depleted or by Sept 30, 2019, Whichever Comes First.	Est. March 31, 2019: June 30, 2019 September 30, 2019:
Lead Agency and Project Sponsors sign Memorandum of Agreement (MOA) Specifying the Terms of the Project	Est. April 30, 2019: July 31, 2019 October 30, 2019:
Project Sponsor Certifies Project Completion and Provides required Documentation to Lead Agency.	Within Three Months of Signature of MOA
Lead Agency Completes Review of Project Sponsor Documentation and Certifies Payment Direction to Trustee	Within 30 days of complete documentation receipt
Trustee Acknowledges Receipt of Direction for Payment(s)	Within 5 days of direction for

	payment receipt
Lead Agency Provides Monthly Detailed Invoices for Administrative Costs including Direct and Indirect Costs and Described in the Project Budget	Within 60 days of month for which payment is requested
Lead Agency Reports Program Completion	Within 60 Days of reimbursement for last project

### **PROGRAM BUDGET**

There is no cost-share for the SAFER program. A total of \$1,180,000 has been allocated to the SAFER Program, with an estimated \$1,109,790 to be awarded to program participants for completing projects and \$70,210 for administrative costs associated with running the program.

<b>Period of Performance:</b> December 2018 to December 2019	
Budget Category	Share of Total Program Budget to be funded by the Trust
Program Participants Support	\$1,109,790
Administrative	\$70,210
Project Totals	\$1,180,000

### **PROJECTED TRUST ALLOCATIONS:**

The table below indicates anticipated funds to be drawn down from Arkansas's allocation under the Trust for the SAFER Program. The amounts in this table reflect only the portion of Arkansas's allocation allotted to the SAFER Program in the Arkansas Beneficiary Mitigation Plan..

	2019
1. Anticipated Annual Program Funding Request to be paid through the Trust	\$1,180,000

2. Anticipated Cumulative Trustee Payments Made to Date against Cumulative Approved Beneficiary Allocation	\$0
3. Total Funding Allocated to SAFER Program under Beneficiary Mitigation Plan	\$1,180,000
4. Anticipated Share of Funds Remaining in Trust Allocated to SAFER Program under Beneficiary Mitigation Plan (#3 minus sum of #1 and #2)	\$0

## **ATTACHMENT C**

### **DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION**

The Arkansas Department of Environmental Quality (ADEQ) will provide detailed reporting on the State Agency Fleet Emission Reduction Grant (SAFER) Funding Assistance Program in two ways: 1) timely updates to ADEQ's Volkswagen Mitigation Trust web page and 2) semiannual reporting to Wilmington Trust.

#### **1. ADEQ Volkswagen Mitigation Trust webpage**

ADEQ maintains a Volkswagen Mitigation Trust web page that has been designed to disseminate information regarding Arkansas's beneficiary mitigation plan and implementation of that plan. The web page is located at <https://www.adeq.state.ar.us/air/planning/vw.aspx>. Guidance on how to apply for a rebate under the SAFER Funding Assistance Program will be accessible via this web page. ADEQ will post the Eligible Mitigation Action Certification (EMAC) and Attachments B and C to the web page. ADEQ will also upload information to this web page including estimated emission reductions, program implementation milestones, and project recipients and awards.

#### **2. Semiannual reporting to Wilmington Trust**

The State Beneficiary Trust Agreement establishes the following requirements for reporting for each Eligible Mitigation Action to the Trustee:

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.

ADEQ has developed a report template for documenting implementation of the SAFER Funding Assistance Program. This template includes information for each budget category, including:

- Mitigation Funds Expended for the Current Reporting Period
- Voluntary Additional Cost-Share Expended for the Current Reporting Period
- Cumulative Mitigation Funds Expended
- Cumulative Voluntary Additional Cost-Share Expended

In addition, the template asks the following questions that will be answered for each reporting period:

- What actual accomplishments occurred during the reporting period?
- Were funds awarded for any projects under the Eligible Mitigation Action Plan during the current reporting period? If so, list the recipients and how much funding they received.
- Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the Eligible Mitigation Action Management Plan.
- If anticipated outputs/outcomes and/or timelines/milestones are not met, why not? Did you encounter any problems during the reporting period which may interfere with meeting the project objectives?
- How do you propose to remedy any problems? Identify how and the date you will get back on course to meet the anticipated outputs/outcomes and/or timelines/milestones specified in the Eligible Mitigation Action Management Plan.
- If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.
- Did any public relations events regarding this program take place during the reporting period?
- What is the URL for the state website where members of the public can find information about implementation of this Eligible Mitigation Action?

The template will also include a section for inputting project-specific details including the following:

- Type of Project: Repower or Replacement
- Fleet Owner
- Primary Place of Performance
  - State,
  - County,
  - City,
  - ZIP Code
- Eligible Vehicle/Equipment Information
  - Vehicle Size Class
  - Vehicle Type
  - Vehicle Identification Number
  - Vehicle Make
  - Vehicle Model
  - Vehicle Model Year
  - Engine Serial Number

- Engine Model Year
- Engine Horsepower
- Engine Fuel Type
- Annual Amount of Fuel Used
- Annual Miles Traveled
- Annual Idling Hours
- Remaining Life of Engine
- New Vehicle/Equipment Information
  - Fleet Owner
  - Primary Place of Performance
    - State,
    - County,
    - City,
    - ZIP Code
  - Vehicle Size Class
  - Vehicle Type
  - Vehicle Identification Number
  - Vehicle Make
  - Vehicle Model
  - Vehicle Model Year
  - Engine Serial Number
  - Engine Model Year
  - Engine Horsepower
  - Engine Fuel Type

## ATTACHMENT D

### **Detailed cost estimate from selected or potential vendors for each proposed expenditure exceeding \$25,000**

DEQ's SAFER program provides reimbursement for proposed projects according to the funding requirements provided by the VW Mitigation . Because the SAFER program is specifically for State Agencies only, there was no cost share required. The following attachments are the estimated cost provided in the Applicants proposals. Final documentation of actual expenses will be required upon completion of projects listed in the applications prior to reimbursement request.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Details

Project ID Number	9081	
Project Type	<input type="checkbox"/> Repower	<input checked="" type="checkbox"/> Replace
Vehicle Category (The vehicle category must match one of the eligible vehicle types specified in Section III.B)		Class 8
Vehicle Type		Dump Truck

### Information About Vehicle to be Repowered or Replaced

Model Year of Vehicle to be Repowered or Replaced	2005
Make and Model of Vehicle to be Repowered or Replaced	Sterling, LT9511
Engine Make and Model of Vehicle to be Repowered or Replaced	Caterpillar, C11
Estimated Years for Early Retirement of Scrapped Vehicle or Engine (Years)	14 Years
Annual Miles of Vehicle to be Repowered or Replaced	29,388
County (Counties) where the Vehicle to be Repowered or Replaced is Primarily Operated	Ouachita County
Primary Function of Vehicle to be Repowered or Replaced	Dump Truck

### Information about New Engine or Vehicle

Estimated Lifetime of New Engine or New Vehicle (Years)	29 Years
Fuel Type of New Vehicle (Eligible fuel types include diesel, compressed natural gas, propane, hybrid, and all-electric)	Diesel

### Estimated Project Costs

Estimated Cost of New Engine or New Vehicle	\$	159,600.00
Delivery and/or Transportation Costs	\$	-
Installation Costs (Labor)	\$	-
Costs to Remove and Dispose of Old Engine/Old Equipment	\$	-
Other Costs Directly Related to the Project (Please Specify)	\$	-
<b>SUBTOTAL</b>	\$	159,600.00
Sales Tax	\$	10,446.50
Total (Equals "Subtotal" plus "Sales Tax")	\$	170,046.50
Scrap Value	\$	1,344.00
Project Cost (Equals "Total" minus "Scrap Value")	\$	168,702.50

Average scrap metal price on 2/11/2020 was \$96.00 a ton. Estimated truck weight is 14 tons.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Management Plan

Project Step	Estimated Date
Solicit bids in newspaper of statewide circulation (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of notification of award of project.
Bids awarded (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of bid opening.
Vehicle(s) repowered/replaced	Within 240 days of award of bid to vendor.
Old Equipment Scrapped	Within 30 days of receipt of replacement.
Final Report and Reimbursement Request Submitted to ADEQ	Within 30 days of scrapping old unit.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Details

Project ID Number	9082	
Project Type	<input type="checkbox"/> Repower	<input checked="" type="checkbox"/> Replace
Vehicle Category (The vehicle category must match one of the eligible vehicle types specified in Section III.B)		Class 8
Vehicle Type	Dump Truck	

### Information About Vehicle to be Repowered or Replaced

Model Year of Vehicle to be Repowered or Replaced	2005
Make and Model of Vehicle to be Repowered or Replaced	Sterling, LT9511
Engine Make and Model of Vehicle to be Repowered or Replaced	Caterpillar, C11
Estimated Years for Early Retirement of Scrapped Vehicle or Engine (Years)	14 Years
Annual Miles of Vehicle to be Repowered or Replaced	28,548
County (Counties) where the Vehicle to be Repowered or Replaced is Primarily Operated	Ouachita County
Primary Function of Vehicle to be Repowered or Replaced	Dump Truck

### Information about New Engine or Vehicle

Estimated Lifetime of New Engine or New Vehicle (Years)	29 Years
Fuel Type of New Vehicle (Eligible fuel types include diesel, compressed natural gas, propane, hybrid, and all-electric)	Diesel

### Estimated Project Costs

Estimated Cost of New Engine or New Vehicle	\$	159,600.00
Delivery and/or Transportation Costs	\$	-
Installation Costs (Labor)	\$	-
Costs to Remove and Dispose of Old Engine/Old Equipment	\$	-
Other Costs Directly Related to the Project (Please Specify)	\$	-
<b>SUBTOTAL</b>	\$	159,600.00
Sales Tax	\$	10,446.50
Total (Equals "Subtotal" plus "Sales Tax")	\$	170,046.50
Scrap Value	\$	1,344.00
Project Cost (Equals "Total" minus "Scrap Value")	\$	168,702.50

Average scrap metal price on 2/11/2020 was \$96.00 a ton. Estimated truck weight is 14 tons.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Management Plan

Project Step	Estimated Date
Solicit bids in newspaper of statewide circulation (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of notification of award of project.
Bids awarded (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of bid opening.
Vehicle(s) repowered/replaced	Within 240 days of award of bid to vendor.
Old Equipment Scrapped	Within 30 days of receipt of replacement.
Final Report and Reimbursement Request Submitted to ADEQ	Within 30 days of scrapping old unit.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Details

Project ID Number	9193	
Project Type	<input type="checkbox"/> Repower	<input checked="" type="checkbox"/> Replace
Vehicle Category (The vehicle category must match one of the eligible vehicle types specified in Section III.B)		Class 8
Vehicle Type		Dump Truck

### Information About Vehicle to be Repowered or Replaced

Model Year of Vehicle to be Repowered or Replaced	2009
Make and Model of Vehicle to be Repowered or Replaced	Freightliner, M2
Engine Make and Model of Vehicle to be Repowered or Replaced	Mercedes Benz, MBE4000
Estimated Years for Early Retirement of Scrapped Vehicle or Engine (Years)	18 Years
Annual Miles of Vehicle to be Repowered or Replaced	32,772
County (Counties) where the Vehicle to be Repowered or Replaced is Primarily Operated	Ouachita County
Primary Function of Vehicle to be Repowered or Replaced	Dump Truck

### Information about New Engine or Vehicle

Estimated Lifetime of New Engine or New Vehicle (Years)	29 Years
Fuel Type of New Vehicle (Eligible fuel types include diesel, compressed natural gas, propane, hybrid, and all-electric)	Diesel

### Estimated Project Costs

Estimated Cost of New Engine or New Vehicle	\$	159,600.00
Delivery and/or Transportation Costs	\$	-
Installation Costs (Labor)	\$	-
Costs to Remove and Dispose of Old Engine/Old Equipment	\$	-
Other Costs Directly Related to the Project (Please Specify)	\$	-
<b>SUBTOTAL</b>	\$	159,600.00
Sales Tax	\$	10,446.50
Total (Equals "Subtotal" plus "Sales Tax")	\$	170,046.50
Scrap Value	\$	1,344.00
Project Cost (Equals "Total" minus "Scrap Value")	\$	168,702.50

Average scrap metal price on 2/11/2020 was \$96.00 a ton. Estimated truck weight is 14 tons.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Management Plan

Project Step	Estimated Date
Solicit bids in newspaper of statewide circulation (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of notification of award of project.
Bids awarded (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of bid opening.
Vehicle(s) repowered/replaced	Within 240 days of award of bid to vendor.
Old Equipment Scrapped	Within 30 days of receipt of replacement.
Final Report and Reimbursement Request Submitted to ADEQ	Within 30 days of scrapping old unit.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Details

Project ID Number	9195	
Project Type	<input type="checkbox"/> Repower	<input checked="" type="checkbox"/> Replace
Vehicle Category (The vehicle category must match one of the eligible vehicle types specified in Section III.B)		Class 8
Vehicle Type	Tractor Truck	

### Information About Vehicle to be Repowered or Replaced

Model Year of Vehicle to be Repowered or Replaced	2009
Make and Model of Vehicle to be Repowered or Replaced	International, Pros tar
Engine Make and Model of Vehicle to be Repowered or Replaced	Cummins, ISX450
Estimated Years for Early Retirement of Scrapped Vehicle or Engine (Years)	18 Years
Annual Miles of Vehicle to be Repowered or Replaced	33096
County (Counties) where the Vehicle to be Repowered or Replaced is Primarily Operated	Cross County
Primary Function of Vehicle to be Repowered or Replaced	Pull Lowboy Trailer

### Information about New Engine or Vehicle

Estimated Lifetime of New Engine or New Vehicle (Years)	29 Years
Fuel Type of New Vehicle (Eligible fuel types include diesel, compressed natural gas, propane, hybrid, and all-electric)	Diesel

### Estimated Project Costs

Estimated Cost of New Engine or New Vehicle	\$	141,325.00
Delivery and/or Transportation Costs	\$	-
Installation Costs (Labor)	\$	-
Costs to Remove and Dispose of Old Engine/Old Equipment	\$	-
Other Costs Directly Related to the Project (Please Specify)	\$	-
<b>SUBTOTAL</b>	\$	141,325.00
Sales Tax	\$	9,258.63
Total (Equals "Subtotal" plus "Sales Tax")	\$	150,583.63
Scrap Value	\$	1,248.00
Project Cost (Equals "Total" minus "Scrap Value")	\$	149,335.63

Average scrap metal price on 2/11/2020 was \$96.00 a ton. Estimated truck weight is 13 tons.

## ARKANSAS DEPARTMENT OF TRANSPORTATION

### Proposal for ADEQ SAFER Program

#### Project Management Plan

Project Step	Estimated Date
Solicit bids in newspaper of statewide circulation (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of notification of award of project.
Bids awarded (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of bid opening.
Vehicle(s) repowered/replaced	Within 240 days of award of bid to vendor.
Old Equipment Scrapped	Within 30 days of receipt of replacement.
Final Report and Reimbursement Request Submitted to ADEQ	Within 30 days of scrapping old unit.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Details

Project ID Number	9439	
Project Type	<input type="checkbox"/> Repower	<input checked="" type="checkbox"/> Replace
Vehicle Category (The vehicle category must match one of the eligible vehicle types specified in Section III.B)		Class 8
Vehicle Type	Tractor Truck	

### Information About Vehicle to be Repowered or Replaced

Model Year of Vehicle to be Repowered or Replaced	2001
Make and Model of Vehicle to be Repowered or Replaced	Sterling, LT9500
Engine Make and Model of Vehicle to be Repowered or Replaced	Detroit, Series 60
Estimated Years for Early Retirement of Scrapped Vehicle or Engine (Years)	10 Years
Annual Miles of Vehicle to be Repowered or Replaced	23,568
County (Counties) where the Vehicle to be Repowered or Replaced is Primarily Operated	Pope County
Primary Function of Vehicle to be Repowered or Replaced	Pull Lowboy Trailer

### Information about New Engine or Vehicle

Estimated Lifetime of New Engine or New Vehicle (Years)	29
Fuel Type of New Vehicle (Eligible fuel types include diesel, compressed natural gas, propane, hybrid, and all-electric)	Diesel

### Estimated Project Costs

Estimated Cost of New Engine or New Vehicle	\$	141,325.00
Delivery and/or Transportation Costs	\$	-
Installation Costs (Labor)	\$	-
Costs to Remove and Dispose of Old Engine/Old Equipment	\$	-
Other Costs Directly Related to the Project (Please Specify)	\$	-
<b>SUBTOTAL</b>	\$	141,325.00
Sales Tax	\$	9,258.63
Total (Equals "Subtotal" plus "Sales Tax")	\$	150,583.63
Scrap Value	\$	1,248.00
Project Cost (Equals "Total" minus "Scrap Value")	\$	149,335.63

Average scrap metal price on 2/11/2020 was \$96.00 a ton. Estimated truck weight is 13 tons.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Management Plan

Project Step	Estimated Date
Solicit bids in newspaper of statewide circulation (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of notification of award of project.
Bids awarded (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of bid opening.
Vehicle(s) repowered/replaced	Within 240 days of award of bid to vendor.
Old Equipment Scrapped	Within 30 days of receipt of replacement.
Final Report and Reimbursement Request Submitted to ADEQ	Within 30 days of scrapping old unit.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Details

Project ID Number	9708	
Project Type	<input type="checkbox"/> Repower	<input checked="" type="checkbox"/> Replace
Vehicle Category (The vehicle category must match one of the eligible vehicle types specified in Section III.B)		Class 8
Vehicle Type	Tractor Truck	

### Information About Vehicle to be Repowered or Replaced

Model Year of Vehicle to be Repowered or Replaced	2002
Make and Model of Vehicle to be Repowered or Replaced	Sterling, LT9500
Engine Make and Model of Vehicle to be Repowered or Replaced	Detroit, Series 60
Estimated Years for Early Retirement of Scrapped Vehicle or Engine (Years)	12 Years
Annual Miles of Vehicle to be Repowered or Replaced	20,688
County (Counties) where the Vehicle to be Repowered or Replaced is Primarily Operated	Jefferson County
Primary Function of Vehicle to be Repowered or Replaced	Pull Lowboy Trailer

### Information about New Engine or Vehicle

Estimated Lifetime of New Engine or New Vehicle (Years)	29 Years
Fuel Type of New Vehicle (Eligible fuel types include diesel, compressed natural gas, propane, hybrid, and all-electric)	Diesel

### Estimated Project Costs

Estimated Cost of New Engine or New Vehicle	\$	141,325.00
Delivery and/or Transportation Costs	\$	-
Installation Costs (Labor)	\$	-
Costs to Remove and Dispose of Old Engine/Old Equipment	\$	-
Other Costs Directly Related to the Project (Please Specify)	\$	-
<b>SUBTOTAL</b>	\$	141,325.00
Sales Tax	\$	9,258.63
Total (Equals "Subtotal" plus "Sales Tax")	\$	150,583.63
Scrap Value	\$	1,248.00
Project Cost (Equals "Total" minus "Scrap Value")	\$	149,335.63

Average scrap metal price on 2/11/2020 was \$96.00 a ton. Estimated truck weight is 14 tons.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Management Plan

Project Step	Estimated Date
Solicit bids in newspaper of statewide circulation (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of notification of award of project.
Bids awarded (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of bid opening.
Vehicle(s) repowered/replaced	Within 240 days of award of bid to vendor.
Old Equipment Scrapped	Within 30 days of receipt of replacement.
Final Report and Reimbursement Request Submitted to ADEQ	Within 30 days of scrapping old unit.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Details

Project ID Number	9710	
Project Type	<input type="checkbox"/> Repower	<input checked="" type="checkbox"/> Replace
Vehicle Category (The vehicle category must match one of the eligible vehicle types specified in Section III.B)		Class 8
Vehicle Type	Tractor Truck	

### Information About Vehicle to be Repowered or Replaced

Model Year of Vehicle to be Repowered or Replaced	2002
Make and Model of Vehicle to be Repowered or Replaced	Sterling, LT9500
Engine Make and Model of Vehicle to be Repowered or Replaced	Detroit, Series 60
Estimated Years for Early Retirement of Scrapped Vehicle or Engine (Years)	11 Years
Annual Miles of Vehicle to be Repowered or Replaced	27,252
County (Counties) where the Vehicle to be Repowered or Replaced is Primarily Operated	Sabastian County
Primary Function of Vehicle to be Repowered or Replaced	Pull Lowboy Trailer

### Information about New Engine or Vehicle

Estimated Lifetime of New Engine or New Vehicle (Years)	29 Years
Fuel Type of New Vehicle (Eligible fuel types include diesel, compressed natural gas, propane, hybrid, and all-electric)	Diesel

### Estimated Project Costs

Estimated Cost of New Engine or New Vehicle	\$	141,325.00
Delivery and/or Transportation Costs	\$	-
Installation Costs (Labor)	\$	-
Costs to Remove and Dispose of Old Engine/Old Equipment	\$	-
Other Costs Directly Related to the Project (Please Specify)	\$	-
<b>SUBTOTAL</b>	\$	141,325.00
Sales Tax	\$	9,258.63
Total (Equals "Subtotal" plus "Sales Tax")	\$	150,583.63
Scrap Value	\$	1,248.00
Project Cost (Equals "Total" minus "Scrap Value")	\$	149,335.63

Average scrap metal price on 2/11/2020 was \$96.00 a ton. Estimated truck weight is 13 tons.

# ARKANSAS DEPARTMENT OF TRANSPORTATION

## Proposal for ADEQ SAFER Program

### Project Management Plan

Project Step	Estimated Date
Solicit bids in newspaper of statewide circulation (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of notification of award of project.
Bids awarded (If a state contract is being used for purchase of the new equipment, type "State Contract")	Within 30 days of bid opening.
Vehicle(s) repowered/replaced	Within 240 days of award of bid to vendor.
Old Equipment Scrapped	Within 30 days of receipt of replacement.
Final Report and Reimbursement Request Submitted to ADEQ	Within 30 days of scrapping old unit.