

2015-16 Clean Air Retrofit, Replacement, and Off-Road Technology (CARROT) Grant Application

Applicant Name:	
Applicant Contact Person:	
Applicant Phone Number:	Office: _____ Cell: _____
Applicant Address:	Street: _____
	City: _____ State: _____ Zip Code: _____
Applicant Federal ID:	
Applicant Email:	
Requested Grant Amount:	\$ _____
Date Submitted:	

INTRODUCTION

The Utah Division of Air Quality (DAQ), a division within the Utah Department of Environmental Quality (DEQ), is soliciting proposals from individuals, businesses, nonprofits, local governments, and school districts for projects that can benefit from funding provided through the Clean Air Retrofit, Replacement, and Off-Road Technology (CARROT) Grant Program in an effort to reduce emissions from diesel engines.

BACKGROUND

As the government entity responsible to regulate air quality for the State of Utah, DAQ is interested in providing incentives through the Clean Air Retrofit, Replacement, and Off-Road Technology (CARROT) Grant Program for individuals, private businesses, non-profits, government entities, and school districts to reduce diesel emissions.

The CARROT Program was enacted in 2014 by the State Legislature for the DAQ to encourage individuals, businesses, local governments and school districts to reduce emissions from heavy-duty diesel engines and non-road equipment. The program assists the Division in carrying out its mission to protect public health and the environment from the harmful effects of air pollution from mobile sources. The grants, rebates, exchanges or low-cost purchase programs funded through the CARROT Program provide a means to reduce emissions from mobile sources, a source category that contributes over 50% of Utah's total emissions.

This solicitation focuses on providing funding for reducing emissions from diesel engines.

SECTION 1: ELIGIBILITY

Eligible Entities: Individuals, private businesses, non-profits, government entities, and school districts are eligible for funding.

Eligible Vehicles/Equipment: Non-road¹ and/or on-highway², heavy-duty diesel engines.

Eligible Activities and Funding Amounts:

Through a competitive grant process, DAQ will make available up to \$100,000 in grants for the following eligible activities at the indicated funding rates:

- Diesel Retrofits³ (such as Diesel Particulate Filters or Diesel Oxidation Catalysts): DAQ will fund up to 100%.
- Vehicle or equipment replacements⁴: DAQ will fund up to 25%.
- Engine Upgrades/Repowers⁵: DAQ will fund up to 40%.
- Idle Reduction Technologies: DAQ will fund up to 100% if bundled with a diesel retrofit.
- Aerodynamics: DAQ will fund up to 100% if bundled with a diesel retrofit.
- Low-Rolling Resistance Tires: DAQ will fund up to 100% if bundled with diesel retrofit.

Note: Technologies⁶, vehicles, engines, or equipment must meet the requirements of 19-2-203(1)(a)-(b)

Application Submittal: DAQ must receive all grant applications by **Thursday, December 17, 2015**. Applications must be submitted to Lisa Burr, Utah Department of Environmental Quality, Division of Air Quality, through email at lburr@utah.gov or mail, P.O. Box 144820, Salt Lake City, UT 84116, or in person at 195 N. 1950 W. Salt Lake City, UT 84116 on or before December 17, 2015.

Award Selection: Applications will be evaluated and ranked by a selection committee, using the criteria represented in Section 2. Attachment A is a sample of the grant score sheet each committee member will fill out for each proposal received. Awards will be announced by **January 25, 2016**.

Applicants will have a maximum of two years from the award date to complete each project. Equipment purchased or projects completed before the award date of January 25, 2016, will not be eligible.

SECTION 2: SCORING CRITERIA

¹ Nonroad vehicles include those used in construction, handling of cargo at an airport, agriculture, mining, or energy production (including stationary generators or pumps). Line-haul or switcher locomotives are also considered nonroad applications for purpose of this funding opportunity.

² On-highway engines must meet the medium heavy-duty or heavy heavy-duty classification for EPA-certified engines that are used in Class 5, 6, 7, and 8 vehicles (Gross Vehicle Weight Rating of 16,001 lbs or higher).

³ Retrofits are defined as exhaust emission controls or aftertreatment technologies

⁴ Requires destruction of old vehicle(s)/equipment and replacement vehicle(s)/equipment must be of the same type and similar gross vehicle weight rating or horsepower as the vehicle(s)/equipment being replaced. The replacement vehicle(s)/equipment must perform the same function as the vehicle/equipment that is being replaced.

⁵ Requires destruction of old engines and replacement engines must be of the same type and horsepower as engines being replaced.

⁶ A list of eligible technologies can be found on the following website: <http://epa.gov/cleandiesel/verification/verif-list.htm>

Please provide an answer for the following questions:

Feasibility and Practicality:

1) Please describe the project, including the requested technology or proposed project, what the vehicle(s)/equipment are currently used for, the location in which the vehicle(s)/equipment primarily operates (including city and county) for the next three years, and any other pertinent information regarding the specific routes, load, or activities of the vehicle(s)/equipment.

2) How often is/are the vehicle(s)/equipment used? Please include annual miles/hours, number of days per week in operation, number of months per year in operation, and specific times of year the vehicle(s)/equipment is in use.

3) How many vehicles or pieces of equipment are affected by the project?

4) How long has the applicant owned the vehicle(s)/equipment represented in this application?

5) How long does the applicant plan to keep the project vehicles, engines, or equipment (please list mileage and/or time)?

6) What is the timeline of when the proposed project will take place (please indicate month and year for all vehicle(s)/equipment that are included in this application)?

Financial Need:

1) Can your project proceed without funds from the CARROT grant program? If not, why?

2) What is the minimum amount of funding needed to complete the project?

\$

Availability of Additional Funds:

1) Are there other monies the applicant will be using to complete the project? If so, please list the sources and amounts.

Sources:

Amounts: \$

Air Quality Benefit to State and Local Community:

1) What percentage of time do/does the vehicle(s)/equipment operate in Utah?

_____ %

1a) What percentage of time do/does the vehicle(s)/equipment operate in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah, and Weber Counties?

_____ %

1b) What percentage of time do/does the vehicle(s)/equipment operate in Duchesne or Uintah County?

_____ %

2) Useful Life: Please indicate the number of years of service left in the equipment and explain the method used to determine this.

3) Please describe the air quality benefits you expect your project to yield.

SECTION 3: ORIGINAL VEHICLE INFORMATION

Please provide the following information for the vehicle(s)/equipment proposed for replacement.

Vehicle Identification Number	Engine Model Year	Gross Vehicle Weight	Engine Manufacturer	Engine Family Name	Annual Miles	Annual Fuel Use	Number of Days in Operation (Weekly)	Annual Idling Hours	Grant Amount
-	-	-	-	-	-	-		-	-
-	-	-	-	-	-	-		-	-
-	-	-	-	-	-	-		-	-
-	-	-	-	-	-	-		-	-
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-	-	-	-	-	-	-		-	-

SECTION 4: COST EFFECTIVENESS:

Total cost effectiveness is found by dividing the sum of material, installation and administrative costs by the lifetime tonnage reduced.

1) Cost: Please provide a breakdown of the budget for the proposed project. Include total purchase price, labor, the amount covered by the grant, and any cost-share amounts.

I will:

- 1) Comply with all aspects of the Clean Air Retrofit, Replacement, and Off-Road Technology Program rule detailed in R307-125.
- 2) Provide information to the Division about vehicles, equipment, or technology acquired with the grant proceeds.
- 3) Allow inspections by the Division to ensure compliance with the terms of the grant as required by 307-125-4(4)(b).
- 4) Permanently disable replaced vehicles, engines, and equipment from use as required by 307-125-4(4)(c).
- 5) For any grant that is not given on a reimbursement basis, commit to complete the project as proposed and required by 307-124-4(4)(d).
- 6) Not change the location or use of the vehicle, engine or equipment from the location or use proposed in the application without approval of the director as required by 307-124-4(e).
- 7) Comply with any additional terms as determined by the director as authorized by 307-124-4(f).

I/we certify under penalty of law that the information I/we have provided in this application is true and correct, to the best of my/our knowledge. I/we understand that the Department will retain this application whether or not it is true and correct. Any and all costs to complete any of the required information are my/our responsibility.

I/we understand that approved projects must meet all the eligibility requirements listed in Board Rules and that pre-approved projects are not guaranteed funding by the Department. Funding will only be provided for projects completed according to the applicant's submitted work plan. I/we have read and understand that approved projects must be completed within two years of award notification in order to receive funds. I/we have read and understand that upon notification of award, the awardee must sign and return the grant agreement within 30 calendar days of notification of the award. If the grant is not signed and returned within 30 calendar days of notification, the Department reserves the right to terminate the award.

Applicant (print)

Applicant Signature

Date

Attachment A

**Grant Proposal Review Score Sheet
CARROT GRANT PROGRAM**

Applicant Name: _____

Proposal Evaluation Criteria

	Weight	*Rating	Weighted Rating
Feasibility and Practicality	8	X _____	= _____
Financial Need	3	X _____	= _____
Availability of Additional Funds	1	X _____	= _____
Air Quality Benefits to the State and Local Community Benefit	6	X _____	= _____
Cost Effectiveness	2	X _____	= _____
	TOTAL 20	GRAND TOTAL	_____

Maximum score possible is 100

<p>*Rating</p> <p>5 Excellent</p> <p>4 Good</p> <p>3 Acceptable</p> <p>1-2 Poor</p> <p>0 Unacceptable</p>
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Committee Member

Date

This score sheet is a confidential protected record.