

**State of Oregon
Department of Environmental Quality**

Request for Information

This is a Request for Information (RFI), issued by the State of Oregon, Department of Environmental Quality (DEQ) to solicit information, including a non-binding price estimate, from interested consultants for services related to identifying diesel powered non-road vehicles and equipment by horsepower and engine model year operating in the state of Oregon for the purpose of building emission inventories.

This Request for Information may or may not result in a Request for Proposal (RFP). Responses provided to this RFI will be used only for general information purposes and will not be considered binding on any party. Responses provided to this RFI will also not have any impact on any RFP selection process.

BACKGROUND

The Department of Environmental Quality develops periodic estimates of air quality emissions considering the variety of sources that emit air pollutants of interest in the state. These emission inventories are used to assess current conditions and trends in air pollution in the state. For non-road diesel powered vehicles and equipment, the Department relies on the EPA NONROAD model in MOVES, updating to the latest version as it becomes available. The Department currently defers to the defaults in the model for non-road vehicle and equipment age, horsepower and usage inputs to the model. The Department desires to utilize inputs to the model that more accurately represents vehicle and equipment model year and usage in Oregon.

OBJECTIVES

1. Provide data in a form that serves as input to the NONROAD model a representative characterization of all classes of diesel powered non-road equipment used in Oregon by model year and annual usage.
2. Provide data in a form that serves as input to the NONROAD model a representative characterization of diesel powered construction non-road equipment used in Oregon by model year and annual usage.
3. Since the NONROAD model is limited to county-wide output of emissions data, the Department is interested in the development of spatial and temporal profile data that can be applied to the output, so that the location of the emissions data can be improved. Due to the changing nature of the location and seasonal usage of construction activity, the Department is also interested in the development of an approach that will allow for improvement of the location and seasonal cycle of construction emissions data in subsequent years, without the need for additional surveying.

QUESTIONS

Please respond to the following questions:

- Provide a brief general description of approach your company would use to achieve the objectives described above, including the feasibility of meeting Objective 3.
- Provide an estimate of time needed to complete a current inventory of the operating characteristics of diesel powered non-road vehicles and equipment for Objectives 1 and 2 above.
- Provide an estimate of cost, singly and together, to achieve Objectives 1, 2 and 3.
- Provide suggestions and considerations for whether and how an inventory of non-road equipment can be continually updated and improved.
- A very detailed inventory of vehicles, equipment and usage would necessarily provide the highest level of certainty regarding any resulting characterization of emissions, but may also require intensive effort and resulting higher costs. Provide information about variables and considerations for what may be considered a high and medium quality output relative to the effort necessary to achieve that result.

- What additional information would be helpful to potential consultants in providing a complete response to a Request for Proposal for the services described above?
- What company or individual background / experience / education would be considered most beneficial to this project when considering responses to a Request for Proposal?

Please submit your response to this RFI no later than June 23, 2016, 5:00 PM, PDST. Responses may be submitted to:

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