

**City of Portland - Sustainable Procurement Evaluative Criteria  
Emissions Reduction and Construction Waste Recycling  
For Use in Construction Services RFPs  
August 17, 2010**

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**Construction Equipment Diesel Emissions Reduction**

As part of the City's sustainability objectives, the City is interested in reducing diesel emissions, which are the number one toxic air pollutant in the Portland metropolitan area. Increasing studies link diesel particulate matter to serious public health impacts from aggravating asthma to heart and lung problems to cancer and premature mortality. Diesel exhaust also has environmental significance as a global warming contributor. As such, the City is interested in working with contractors that are taking steps to reduce their diesel emissions through idle reduction practices and the use of exhaust retrofit devices (e.g. diesel particulate filters, partial flow filters, diesel oxidation catalysts, etc.) on older heavy-duty off road diesel equipment. Proposers shall address the following in their response:

1. Has your firm installed any exhaust retrofit devices on heavy-duty off road construction diesel equipment owned by your firm that would likely be utilized on this project? If so, please identify the quantity (total number and percent of your total heavy duty off-road construction diesel equipment fleet), type of equipment and the type of exhaust retrofit device installed, and which federal emission standard the retrofits comply with (Tier 3 or Tier 4).
2. Does your firm own any heavy-duty off road construction diesel equipment that is Tier 3 or Tier 4 compliant? If so, please identify the quantity (total number and percent of your total heavy duty off-road construction diesel equipment fleet), type of equipment, and compliance level (Tier 3 or 4).
3. Does your firm require or otherwise encourage the rental of heavy-duty off road construction diesel equipment that is Tier 3 or Tier 4 compliant? If yes, please describe how this preference is implemented.
4. Does your firm require or otherwise encourage subcontractors to utilize heavy-duty off road construction diesel equipment that is Tier 3 or Tier 4 compliant (either through the use of new equipment or equipment that is retrofitted to reach compliance)? If yes, please describe how this preference is implemented.
5. Does your firm have an idle reduction policy for its construction projects? If so, please provide a copy of the policy and describe how it is implemented.

**Waste Reduction and Recycling**

As part of the City's sustainability objectives, it is the policy of the City of Portland to reduce the amount of solid waste, both generated and disposed of, by promoting aggressive waste prevention and recycling activities. In 2007, the City adopted the Portland Recycles! Plan, which established a recycling rate goal of 85% for all City operations including Construction, Remodeling, and Demolition. The City seeks to do business with firms that will contribute to the City's recycling goal while recognizing that this project may not be able to meet this requirement due to site constraints, materials generated or availability of recycling facilities. Proposers shall address the following in their response:

- Describe the different types of waste materials anticipated on this project and your proposed methods for reuse, recycling and disposal. Include in your response references to how waste will be identified for reuse and recycling, typical methods of disposal by type of material, and recycling and waste management facilities that will be receiving the materials. Proposers are encouraged to submit an example waste management plan from a previous project of similar scope as part of their response. More information about construction waste recycling and waste management plans can be found at: <http://www.oregonmetro.gov/index.cfm/go/by.web/id=24684>.

- For this project will you appoint a staff person responsible for overseeing on-site construction waste management and communication? (Communication could include team meetings, signage, and other communication methods related to waste management). If so, please include their name and job title, and any information about prior experience on a previous project of similar scope in your response. If you do not plan to appoint a staff person, describe how you plan to communicate the waste management and recycling goals to the project team.
- How have you documented construction waste management practices in the past? Please provide examples from previous projects of similar scope. See Exhibit \_ for a sample report.