

## GRANT ANALYSIS FORM OPERATING & CAPITAL GRANT PROJECTS/PROGRAMS

Department/Division: City of Milwaukee Department of Public Works - Operations

Contact Person & Phone No: Jeffrey Tews x2459

Category of Request

**New Grant**

Grant Continuation

Previous Council File No. \_\_\_\_\_

Change in Previously Approved Grant

Previous Council File No. \_\_\_\_\_

Project/Program Title: Clean Fleet Emissions Reduction Initiative

Grantor Agency: Wisconsin Department of Transportation – Congestion Mitigation and Air Quality

Grant Application Date: March 2015

Anticipated Award Date: February 2016

1. Description of Grant Project/Program (Include Target Locations and Populations):  
This grant will install compressed natural gas (CNG) engines and fueling systems in new refuse trucks built for the City of Milwaukee, instead of purchasing these trucks with diesel engines. The CNG engines would be comparable in horsepower to the existing diesel engines but also significantly quieter and cleaner, without the need of expensive emission devices and fluids. These trucks are used extensively throughout Milwaukee neighborhoods, and will be used for collecting refuse and recyclables from Milwaukee households.
2. Relationship to City-Wide Strategic Goals and Departmental Objectives:  
This project will reduce the environmental impact of the City's equipment and improve air quality. It will reduce the U.S. reliance on foreign oil by 200,000 gallons per year, while stimulating the national market for alternative fuels by increasing demand. Natural gas emissions are cleaner, without the requirements for aftermarket catalysts, particulate filters, and after-treatment fluids. In addition, the City's cost for CNG has traditionally been less expensive than diesel fuel.
3. Need for Grant Funds and Impact on Other Departmental Operations (Applies only to Programs):  
The grant will fund \$1,071,404 with the City providing \$267,851 in match. The City match will be a combination of in-kind labor and cash expenditures for equipment purchased.
4. Results Measurement/Progress Report (Applies only to Programs):
5. Grant Period, Timetable and Program Phase-Out Plan:  
February 1, 2016 – June 30, 2017
6. Provide a list of Subgrantees:
7. If Possible, complete Grant Budget Form and attach to back.