

**Kansas City Regional Clean Cities Coalition  
Clean Cities ARRA Application Form**

**Part 2: Project Summary**

**Applicant Name:** City of Lawrence, Kansas

**Total Project Cost:** **\$213,000.00**

**Grant Amount Requested:** **\$99,000.00**

**Describe the project, including how the use of alternative fueled vehicles and advanced technology vehicles, will reduce petroleum use and decrease emissions.**

Compressed natural gas powering vehicles is a proven technology not only in reducing petroleum use but in reducing emissions. The City of Lawrence plans to install a time fill CNG filling stations at 1120 Haskell Avenue fleet parking lot.

**Describe work elements included in planning the project and maintaining the work elements related to aspects of the project. This section should be divided into phases of the project, as appropriate.**

**e.g.: Phase I**

- **Task 1.0 Project Planning - Description of project management plan and how activities will be reported on activities in accordance with the plan**
- **Task 2.0 (Title)**

Task 1.0 Project Planning - Implementation: The City staff has received proposals from fueling station vendors and compared units capable of fueling up to four vehicles.

Task 2.0 Installation of fueling station- Award the vendor with the most appropriate equipment and price for the City.

Task 3.0 Specify and bid appropriate vehicle for City operations that operate on CNG.  
One forty yard roll-off truck to be purchased from the Metro purchasing contract.

**Describe the role/responsibility your organization will take in project implementation. If you identified other partners in Part 1 of the application, identify their roles as well. Indicate how your various responsibilities will work together to ensure successful project implementation.**

Complete responsibility for project implementation, no partners.

**Complete the table below to indicate a schedule for project implementation, including major milestones. Recall that all projects must be in place two years from start date.**

Major Milestone	Anticipated Completion Date
<u>Evaluate natural gas fueling stations</u>	<u>Dec-12</u>
<u>Bid and install CNG station</u>	<u>Mar-13</u>
<u>Purchase dedicated CNG vehicle</u>	<u>Apr-13</u>
<u>Receive vehicle and put in service</u>	<u>1-Jun</u>
<u>Begin progress reporting</u>	<u>1-Aug</u>

**Describe the geographic area in which this project will occur. Projects located primarily within nonattainment counties may be given greater emphasis.**

City of Lawrence, Douglas County Kansas. Douglas County borders to the west the non-attainment county of Johnson County Kansas.

**Indicate the primary performance site(s) where the work will be performed. If a portion of the project will be performed at any other site(s), identify the site location(s).**

City of Lawrence Street Division and solid Waste Division parking lot at 1120 Haskell Avenue.

**Identify the facilities, that directly apply to this project, to be used at each work site.**

Facility Type (i.e. laboratory, office, etc.)	Extent of Availability for Project
Fleet parking lot 1120 Haskell	Complete availability staffed from six AM until five PM Monday through Friday

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**List important items of equipment already available for this project.**

Item	Extent of Availability for Project
Adequate storage and parking	Complete availability staffed ten hours a day

**Describe how this project will maximize vehicle and/or infrastructure use (i.e. concentrate vehicles in activity centers or niche application) (e.g., airports, transit applications, taxi fleets, port vehicles, delivery fleets, school buses, etc.). Projects that contribute to a sustainable alternative fuel and advanced technology vehicle market with the potential for future growth without additional Federal funding and have documented fleet commitments for vehicle and/or fuel purchases will be ranked higher.**

This project will prove the value of time fill fueling and the value of these vehicles in this type of environment. As these trials prove successful other vehicles specified to meet the needs of our operations will be purchased to replace diesel vehicles.

**Describe how this project demonstrates long-term sustainability beyond the use of grant funds. As stated previously, projects with potential for future growth without additional Federal funding are preferred.**

Implementing this project will demonstrate the ability of these vehicles to perform the operational aspects of the City's Solid Waste Division and the City park maintenance operations. This will open the door to expanding the use of CNG vehicles in other City operations.

**Describe how you plan to work with KCRCCC to educate the community on project benefits and market incentives to enhance public awareness. These benefits may include efficiency improvements, energy cost savings, jobs created or saved, economic improvements, and environmental benefits achieved as a result of this project.**

The vehicles and fueling infrastructure will be made available to KCRCCC stakeholders and guests for inspection on site. The vehicles will also be displayed at the City's Earth Day Celebration and at the City's Energy Fair.

**Describe how you will identify, analyze, and respond to perceived risks associated with the proposed project.**

The City will require operator familiarization training from the fueling station winning bidder and from the winning vendors of vehicles. Additional safety training will be conducted by the technical staff of the Central Maintenance Garage.