

# **RUAN**

DEDICATION THAT MOVES YOUR BUSINESS



## **ENVIRONMENTAL LEADERSHIP: A NEW COMPRESSED NATURAL GAS FLEET**

### **A PROPOSAL FOR THE DEVELOPMENT OF AN INNOVATIVE ALTERNATIVE FUEL PROJECT INVOLVING A FLEET OF 57 CLASS 8 CNG TRACTORS**

#### **An Entire Fleet of CNG Tractors**

Ruan Transportation Management Systems is planning the purchase of 57 compressed natural gas (CNG) Class 8 tractors from Daimler and Cummins Westport.

#### **One of the First**

This partnership will bring one of the first fleets of CNG powered over-the-road fleets to the Midwest. City buses, walk-in vans, and other vehicles are currently operating on CNG; however, Ruan will be investing in one of the first fleets to apply new CNG technology to Class 8 tractors.

#### **A Reliable Partnership**

Ruan's partnership with Daimler Trucks North America and Cummins Westport will bring a production tractor, designed from the ground up to operate on CNG, to the roads of Indiana.

#### **Full Circle Innovation**

Ruan is partnering with a dairy operation in Indiana to haul dairy products using the biomethane from anaerobic manure digesters produced at the farm.

#### **Financial Assistance Requested**

Ruan is currently identifying project partners to assist in this alternative energy project.

#### **Creating New Jobs**

Ruan is moving rapidly toward developing the infrastructure and training required to make this project a success. Approximately 80 new jobs will be created to operate, maintain, and service this new fleet scheduled to operate 24 hours a day, seven days a week.



### Meets Federal Emission Requirements

The proposed Cummins Westport Engine is an 8.9L, 250-320 hp motor meeting U.S. EPA & CARB 2010 standards.

### CNG Reduces Weight While Reducing NOx, Particulate Matter, and CO2

Minimizing weight by eliminating urea injection systems (technology that reduces NOx and particulate matter) allows more efficient transport of products. Additionally, CNG generates from five to 25 percent less CO2 (a gas identified by EPA as contributing to climate change).

### Routes

The proposed engine is not a fit for all road grades; however, the CNG engines will accommodate the proposed hauling routes. Ruan's CNG fleet is expected to travel eight million miles each year.

### Ruan's Environmental Program

Ruan's Environmental Program provides guidelines and measures for reducing fuel consumption, reducing or eliminating materials for disposal, preventing pollution, and effectively addressing unauthorized releases. Ruan is an official partner in the U.S. EPA's SmartWay Transport Partnership.

### Infrastructure

Ruan will require new maintenance tools, support vehicles, and staff training to keep this fleet operational. A CNG fueling station in Indiana is required to operate the fleet.

### Schedule

This alternative fuel project is scheduled to begin fall 2010. To discuss this project with a Ruan representative, please contact:

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