



City of St. Petersburg
Procurement & Supply Management
One 4th Street North, 5th Floor
St. Petersburg, FL 33701
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Request for Information
Procurement & Supply Management

**RE: 720-33 Compressed Natural Gas Fuel Station at Sanitation Department
RFI No. 7220 dated January 19, 2012**

The City of St. Petersburg ("City") is requesting information from qualified firms to develop, design, construct, operate, and maintain a, "turnkey" Compressed Natural Gas (CNG) time fill fuel facility at the City's Sanitation Department property located at 2601 20th Ave. North, St. Petersburg, FL 33713.

Information must be delivered by **5:00 p.m., Tuesday, February 7, 2012** to:

Louis Moore, CPPO
Director, Procurement &
Supply Management
City of St. Petersburg
One 4th Street North, 5th Floor
St. Petersburg, FL 33701

1. **Background**

The City's Sanitation Department ("Sanitation") desires to deploy alternative fuel collection vehicles to reduce its fuel costs, lessen air quality impacts, reduce maintenance costs and noise from refuse vehicles, and reduce the City's consumption of diesel fuel and gasoline. Construction of an on-site CNG fuel station at Sanitation's operations facility will enable and encourage the cost effective use of CNG by the City, help maximize efficiency of Sanitation operations, and facilitate the broad transition of City vehicles to CNG.

The city currently deploys 78 collection vehicles serving approximately 85,000 residential customers plus its commercial customers throughout the city. To coincide with starting operations of the CNG fuel station, the City intends to replace 7 Sanitation vehicles with new CNG fuel collection vehicles. It is estimated that the first year use of CNG will be approximately 48,900 Diesel Gallon Equivalent (DGE). Through attrition, and depending on available funding, the City intends to replace a portion of Sanitation's collection vehicle fleet with new CNG fuel vehicles each fiscal year until the entire fleet has been converted to CNG.

2. **Technical Requirements**

Within the context of the City's objectives, respondents are requested to provide information regarding the following, identified by respective alpha designation:

- a. Type and size of equipment required for a CNG station.
- b. Projected fuel cost savings based on projected DGE use.
- c. The permit process for environmental, safety and construction permits.
- d. The time period from Notice To Proceed/contract execution to design, develop, and construct a "turnkey" Compressed Natural Gas (CNG) time fill fuel facility.
- e. Options for long-term fuel contracts and discounted fueling charges.
- f. Options for operation and maintenance contracts.
- g. Training for designated City vehicle operators and City maintenance personnel in the operation of the CNG fueling system.
- h. Supplying dedicated service personnel in the event service and repairs are needed to the system.

- i. System monitoring options for service or problems, especially emergencies.
- j. Explain the funding/financing options offered by Respondent for a "turnkey" Compressed Natural Gas (CNG) time fill fuel facility, including the basic cost for a facility that includes the recommended equipment described by Respondent. Explain the advantages to the city of owning vs. leasing the facility.

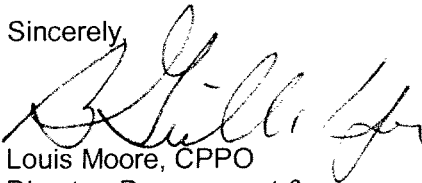
3. **The following minimum requirements apply to this RFI**

Responses should consider the following features in the CNG fuel facility:

- A 44 port dual row fueling line.
- Capability to supply a minimum 3,600 psi output.
- Future expansion with an ultimate fueling capacity of 78 ports.
- Fuel storage for future on site expansion to include a two (2) pump, dual dispensing, quick fill fuel facility based on 75 DGE per unit.
- All procedures and equipment must meet federal, state and local building, electrical, fire and plumbing codes.
- Each vehicle will have a minimum capacity of 75 DGE.
- An existing on-site Generac model 20A02684S 300KW generator is available to provide electrical power in the event of a power failure.
- Evaluate the capability of the existing on-site Generac model 20A02684S 300KW generator to provide the electrical power necessary to continuously operate the fuel facility (in the event of an electrical power failure).
- The modifications or upgrades, equipment, supplies and materials needed to connect the generator to the CNG fuel station.
- All wiring from the generator to the fueling station shall to be underground, in conduit and conform to Florida electrical codes.
- Supply a one year warranty for all parts and equipment
- Fueling line shall have "Jersey barriers" and parking stops installed.
- Vehicles can be fueled from either side of the parking barriers.
- Fueling line will be designed and built to allow safe, efficient and adequate traffic flow.
- Parking lot shall be remarked/striped to clearly define traffic flow
- Work with the local CNG supplier to ensure continuous fuel supply to meet capacity described herein.
- In the event the system is completely inoperable, the company shall have service personnel on site within (1) hour of interruption of service.
- Return the construction area to its original state after completion of the project.
- All equipment and the entire packaged fueling system comply with the latest revisions of applicable codes and standards.
- All equipment shall be new and unused.

All questions are to be submitted in writing to Michael Schlesinger, CPPB, Procurement Analyst, via e-mail to michael.schlesinger@stpete.org or by at fax 727-892-5325 or no later than **3:00 p.m., ET, Monday, January 30, 2012.**

Sincerely,



Louis Moore, CPPO
Director, Procurement &
Supply Management

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