

**VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL MEETING
MAY 6, 2014 AGENDA**

SUBJECT:	TYPE:	SUBMITTED BY:
2014 Illinois Alternative Fuel Research and Infrastructure Grant Program Application	✓ Resolution Ordinance Motion Discussion Only	Nan Newlon, P.E. Director of Public Works

SYNOPSIS

A resolution has been prepared to authorize submission of a grant application to the Department of Commerce and Economic Opportunity for the Illinois Alternate Fuel Research and Infrastructure Grant Program requesting State funding in an amount up to \$41,464.50 to support the purchase and installation of two CNG storage containers and one upgraded CNG refueling nozzle.

STRATEGIC PLAN ALIGNMENT

The Strategic Goals for 2011-2018 identified *Steward of Financial and Environmental Sustainability* as well as *Exceptional Municipal Services*.

FISCAL IMPACT

The estimated total project cost is \$82,929.00. Projects are eligible for grants covering up to 50 percent of eligible project costs. The Village's proposed match is \$41,464.50. The FY14 budget includes this funding in the equipment replacement fund.

RECOMMENDATION

Approval on the May 6, 2014 consent agenda.

BACKGROUND

The project involves the purchase and installation of two above ground Compressed Natural Gas (CNG) storage containers and one upgraded CNG refueling nozzle at the Public Works fueling facility. The project goal is to expand the storage capacity of CNG by 140 Gasoline Gallon Equivalents (GGEs) to provide needed fuel capacity to support a greater number of natural gas powered vehicles as well as larger vehicles such as snow plow trucks. The upgraded CNG refueling nozzle is user friendly and redesigned with a "pistol grip" style that is familiar to all fueling station users. The new nozzle is similar to current petro/diesel nozzles in the Village and offers optimum safety to the operator.

Should the Village be awarded the grant, staff will develop a Call for Bids (CFB) seeking services from a qualified vendor to provide the specified CNG fueling station storage expansion in accordance with established procurement procedures. The project would be completed in the fall of 2014.

The grant application is due May 8, 2014.

ATTACHMENTS

Resolution
Application

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING SUBMITTAL OF
GRANT APPLICATION TO THE DEPARTMENT OF COMMERCE
FOR THE ILLINOIS ALTERNATE FUEL
RESEARCH AND INFRASTRUCTURE GRANT PROGRAM**

WHEREAS, the Village of Downers Grove, an Illinois municipal corporation, has developed a grant application 2014 Illinois Alternate Fuel Research and Infrastructure Grant Program for funding in the amount of \$41,464.50 for the purchase and installation of two CNG vessels and one upgraded CNG fueling nozzle; and

WHEREAS, the Village Council has authorized the filing of said application with the Department of Commerce and Economic Opportunity.

NOW, THEREFORE, be it resolved by the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the Village of Downers Grove submit the 2014 Illinois Alternate Fuel Research and Infrastructure Grant Program application of the Village of Downers Grove in the amount of \$41,646.50 for the purchase and installation of two CNG vessels and one upgraded CNG fueling nozzle to the Department of Commerce and Economic Opportunity.

2. That the Village of Downers Grove agrees to the conditions required by the grant application.

3. That this resolution shall be in full force and effect from and after its passage as provided by law.

Mayor

Passed:

Attest: _____
Village Clerk



www.downers.us

May 6, 2014

**COMMUNITY RESPONSE
CENTER**

630.434.CALL (2255)

CIVIC CENTER

801 Burlington Avenue

Downers Grove

Illinois 60515-4782

630.434.5500

TDD 630.434.5511

FAX 630.434.5571

**FIRE DEPARTMENT
ADMINISTRATION**

5420 Main Street

Downers Grove

Illinois 60515-4834

630.434.5980

FAX 630.434.5998

POLICE DEPARTMENT

825 Burlington Avenue

Downers Grove

Illinois 60515-4783

630.434.5600

FAX 630.434.5690

**PUBLIC WORKS
DEPARTMENT**

5101 Walnut Avenue

Downers Grove

Illinois 60515-4046

630.434.5460

FAX 630.434.5495

Illinois Department of Commerce and Economic Opportunity
Illinois Energy and Recycling Office
Attention: Rajiv Narielwala
500 East Monroe Street
Springfield, IL 62701

Re: Illinois Alternate Fuel Research and Infrastructure Grant Program

Dear Mr. Narielwala:

On behalf of the Village of Downers Grove, please accept our grant application for the Illinois Alternate Fuel Research and Infrastructure Grant Program.

Our proposed project requests \$41,464.50 in State funding to expand our current CNG fueling facility. The total investment required for our project, to expand our current facility is \$82,929.00, including our organization's own funding which amounts to \$41,464.50 of eligible cost share. Formal acceptance of this grant will be subject to Council approval.

Our fueling station is located at the Downers Grove Public Works Facility, 5101 Walnut Avenue, Downers Grove, Illinois. Within the past four months, the Village has opened our CNG Station to fleets and local businesses. The station now serves nine businesses ranging from a bakery, ice delivery, construction and transportation. These entities consider the CNG Station a valuable part of their daily business. As the Village expands its fleet, as we have recently with the addition of ten dual fuel vehicles, and as additional businesses sign on to fuel at our station, the need for extra capacity will become essential to maintaining a high level of service.

The Village of Downers Grove is committed to seeing the successful development and implementation of this alternative fuel project. We look forward to working with you to promote the availability and use of alternate fuels and the associated displacement of gasoline and diesel fuel!

Sincerely,

David Fieldman
Village Manager

Enclosures



ILLINOIS DEPARTMENT OF COMMERCE AND ECONOMIC OPPORTUNITY

GRANT APPLICATION

ILLINOIS ALTERNATE FUEL RESEARCH AND INFRASTRUCTURE
GRANT PROGRAM

DCEO Use Only: Application #: _____ Grant #: _____

SECTION 1: APPLICANT INFORMATION

1.1	Legal Name of Applicant: <i>(Attach copy of W-9)</i>	Village of Downers Grove	
1.2	Address of Applicant: <i>(Include your extended 9-digit zip code):</i>	801 Burlington Avenue	
1.3	Chief Officer: <i>(If more than one, attach a list with all Officers)</i>	Name:	David Fieldman
		Title:	Village Manager
		Address:	801 Burlington Avenue
		Phone:	630-434-5526
		Fax:	630-434-5571
		E-Mail:	dfieldman@downers.us
1.4	Description of Applicant: <i>(200 Character maximum)</i>	Local Government	
1.5	NAICS Code:	921110	<i>(6-digit Industry Classification Code)</i>
1.6	Applicant Website:	www.downers.us	
1.7	Applicant FEIN:	36-6005857	
1.8	Applicant SSN: <i>(Enter only if applicant is individual and does not have a FEIN)</i>	N/A	
1.9	Applicant's DUNS Number:	030899512	
1.10	Applicant Fiscal Year:	From: 1/1/2014	To: 12/31/2014
1.11	If applicable, indicate the following.	<input type="checkbox"/> Female-Owned <input type="checkbox"/> Minority-Owned	
	If minority-owned, then check the appropriate race/ethnic group box.	Black / African Americans	<input type="checkbox"/>
		Hispanic Americans	<input type="checkbox"/>
		Native Americans	<input type="checkbox"/>
		Asian-Pacific Americans	<input type="checkbox"/>
		Asian-Indian Americans	<input type="checkbox"/>
1.12	Indicate the number of people expected to be served by the grant in the appropriate race/ethnic group box below.		
	Race/Ethnic Group	# People Served by Grant	
	Black / African Americans	Not known	
	Hispanic Americans	Not known	
	Native Americans	Not known	
	Asian-Pacific Americans	Not known	
	Asian-Indian Americans	Not known	
	Other:	All Ethnic Groups	

SECTION 2: APPLICANT HISTORY

2.1	Have you received a grant from the State of Illinois within the last 3 years?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	Provide total number of grants received from the State of Illinois within the last 3 years.	11		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; vertical-align: top;">If yes, provide the following for each grant received in last 3 years:</td> <td> Agency: See attachment Grant #: Grant Amount: Grant Term: General Description: Issues: </td> </tr> </table>	If yes, provide the following for each grant received in last 3 years:	Agency: See attachment Grant #: Grant Amount: Grant Term: General Description: Issues:	
If yes, provide the following for each grant received in last 3 years:	Agency: See attachment Grant #: Grant Amount: Grant Term: General Description: Issues:			
2.2	If applicable, list all Names and FEINs that are registered to your organization or have been registered during the past 3 years.			
	Name	FEIN		
	N/A			
2.3	In the past twelve months, have there been any changes in the following key staff? Check all that apply. Provide detail for any boxes checked including names of the person who left the position and the name of their replacement. Indicate the number of months the position has been vacant if the position is currently vacant.			
	<input type="checkbox"/> CEO/Executive Director/Chief Elected Official <input type="checkbox"/> CFO/Controller <input type="checkbox"/> Grant Administrator <input type="checkbox"/> Grant Administrative Support Staff (<i>i.e. Reporting, correspondence, document control</i>) <input type="checkbox"/> Bookkeeper/Accountant for Grant <input checked="" type="checkbox"/> No Changes			
	Provide detail for any checked boxes:			
2.4	If your proposed budget includes any staff costs for this grant, please indicate the type of documentation that will be maintained and used to allocate staff costs to the DCEO grant.			
	<input type="checkbox"/> Time sheets <input type="checkbox"/> Cost allocation plans <input type="checkbox"/> Certifications of time spent <input type="checkbox"/> Other, please describe: <input checked="" type="checkbox"/> None			
2.5	Has the applicant or any principal formed a business that existed for less than two years?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	If yes, provide name(s) of the business and reason(s) that it existed for less than two years.			
2.6	Has the applicant or any principal experienced foreclosure, repossession, civil judgment or criminal penalty (or been a party to a consent decree) within the past seven years as a result of any violation of federal, state or local law applicable to its business?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	If yes, identify the nature (including case number and venue) of the action and the disposition. If the action/proceeding is still pending or unresolved, provide a status identifying the unresolved issues.			
2.7	Is the applicant or any principal the subject of any proceedings that are pending, or to the best of applicant's knowledge, threatened against applicant and/or any principal that may result in any adverse change in applicant's financial condition or materially and adversely affect applicant's operations?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	If yes, provide requested information.			
2.8	Does the applicant or any principal owe any debt to the State?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	If yes, list reason and amount:			

SECTION 3: PROPOSAL INFORMATION

3.1	Submittal Date:	5/7/2014	
3.2	Project Title:	Compressed Natural Gas Fueling Station Storage Expansion	
3.3	Brief Project Description: <i>(Complete attached Scope of Work) (550 Character maximum)</i>	The Village of Downers Grove requests funding assistance for alternative fuel infrasture costs related to necessary upgrades to our existing CNG fueling station located at 5101 Walnut Avenue, Downers Grove, IL. The project goal is to expand the storage capacity of CNG by 140 GGEs to support a greater number of natural gas powered vehicles as well as larger vehicles such as snow plow trucks at our existing CNG fueling facility. Our objective is to purchase and install two above ground storage vessels and one upgraded CNG Refueling Nozzle.	
3.4	Project Location:	Street Address:	5101 Walnut Avenue and City: Downers Grove County: DuPage
3.5	Areas Served:	Chicago Metropolitan Area	
3.6	Project Contact:	Name:	Stan Balicki
		Title:	Assistant Director Pubic Works-Operations
		Address:	5101 Walnut Avenue, Downers Grove, IL 60515
		Phone:	630-434-5474
		Fax:	630-434-5495
		E-Mail:	sbalicki@downers.us
3.7	Project Period:	Start Date:	8/4/2014
		End Date:	10/31/14
3.8	Project Costs: <i>(Complete attached Budget)</i>	Funding provided by the applicant:	\$41,464.50
		Secured funding from other sources:	\$0.00
		Funding requested from DCEO:	\$41,464.50
		Total Project Cost	\$82,929.00

SECTION 4: SCOPE OF WORK

Compressed Natural Gas Fueling Station Storage Expansion

Description of project: The proposed project involves expansion of our existing Compressed Natural Gas fueling facility located at the Downers Grove Public Works Facility, 5101 Walnut Avenue, Downers Grove, IL. The project goal is to expand the storage capacity of CNG by 140 GGEs to support a greater number of natural gas powered vehicles as well as larger vehicles such as snow plow trucks at our existing CNG fueling facility. Our objective is to purchase and install two above ground storage vessels and one upgraded CNG Refueling Nozzle. The fueling station is used to operate Village owned vehicles and also allows shared fleet access. The storage vessels will be installed in our current storage area on an existing concrete pad. There will be no excavation involved in this project. Mechanical installation includes (but is not limited to) equipment placement, crane lifting, anchoring, piping, tubing and connections. Vessels will be protected by existing concrete bollards and/or guard rails as required by code. Management of the overall project will be provided by the Assistant Director of Public Works - Operations in addition to construction and site supervision by the awarded contractor. All Village employees are trained in the operations and maintenance of equipment.

Grantee will complete the following tasks:

DESCRIPTION OF TASKS	ESTIMATED COMPLETION DATE
Task 1. Village Council Approval required for Grant Application Submittal	5/6/2014
Task 2. Project bidding upon grant approval	8/4/2014
Task 3. Village Council Approval required for contract award	9/2/2014
Task 4. Award of Contract	9/5/2014
Task 5. Installation of storage vessels completed	10/31/2014
Task 6. Grant Closeout	11/30/14
Task 7.	
Task 8.	

SECTION 5: PERFORMANCE MEASURES

Performance Measures:	Target
Volume of alternate fuel delivered annually	21,826
Volume of gasoline displaced annually	18,188
Volume of diesel displaced annually	
CO2 avoided annually (metric tons)	162
Please list additional Performance Measures if relevant:	Target

SECTION 6A: CURRENT EMPLOYMENT LEVEL

Number of permanent full-time individuals currently employed by applicant	309
Number of permanent part-time individuals currently employed by applicant	49

Section 6B: Projected Employment Impact (FTE Value Table)

		Created Positions in FTE Categories:				Retained Positions in FTE Categories:			
		Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H
		Permanent Full Time	Permanent Part Time	Temporary Full Time	Temporary Part Time	Permanent Full Time	Permanent Part Time	Temporary Full Time	Temporary Part Time
Row 1 (To be completed by applicant)	# of positions in each FTE category (A - H)	0	0	0	0	0	0	0	0
Row 2	Auto calculation of FTE subtotals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Row 3	Auto Calculation: Created FTEs:				0.00				
Row 4	Auto Calculation: Retained FTEs:				0.00				
Row 5	Auto Calculation: Permanent Full Time Jobs Created:				0.00				
Row 6	Auto Calculation: Permanent Full Time Jobs Retained:				0.00				
Row 7 (cell to be completed by applicant)	Manual Calculation: Average of Annualized Salaries for Permanent Full Time Jobs Created:				\$0				
Row 8 (cell to be completed by applicant)	Manual Calculation: Average of Annualized Salaries for Permanent Full Time Jobs Retained:				\$0				
Row 9 (cell to be completed by applicant)	Other anticipated employment impacts of DCEO grant:								

SECTION 6C: PROJECTED CONSTRUCTION JOBS IMPACT

Projected number of construction labor hours for project	29
Projected number of construction FTE's for project (FTE's = total hours in row above divided by 2,080 hours)	.0139

SECTION 7: BUDGET

Line Item or Cost Category Description	Requested Grant Budget Amount	Proposed Match Budget Amount
CNG Storage Vessel 1	\$18,147.00	\$18,147.00
CNG Storage Vessel 2	\$18,147.00	\$18,147.00
Crane Operation	\$530.00	\$530.00
Stainless Steel Tube and fittings	\$352.50	\$352.50
Site Supervision	\$288.00	\$288.00
On Site Construction	\$1,200.00	\$1,200.00
Freight	\$1,000.00	\$1,000.00
CNG Fueling Nozzle	\$1,800.00	\$1,800.00
Total Cost	\$41,464.50	\$41,464.50

SECTION 8: PROGRAM SPECIFIC INFORMATION

Section 8.1: General Information

8.1.1 Purpose. The Illinois Department of Commerce and Economic Opportunity (DCEO or “The Department”) is responsible for implementing the Illinois Alternate Fuel Research and Infrastructure Grant (AFRIG) Program. The purpose of the Illinois AFRIG Program is twofold:

- To promote the production efficiency, cost competitiveness, availability, and use of ethanol fuels by funding relevant research programs; and
- To promote the availability and use of alternate fuels, and the associated displacement of gasoline and diesel fuel, by funding the construction and upgrade of alternate fueling infrastructure.

8.1.2 Authority and Funding. DCEO is authorized by the Alternate Fuels Act (415 ILCS 120) to administer this funding for the State.

8.1.3 Definitions. The terms used in this document have the meanings set forth below. Words and term not defined here, if defined in the Environmental Protection Act (415 ILCS 5), will have the meanings as defined therein.

“Applicant” means an organization that submits an application document with the required information on the Department’s approved forms and attachments as prescribed in these Program Guidelines.

“Applicant Investment” means the amount of funds that the applicant will contribute to the project, including its own contributions, loans, and funds from other financial partners or investors. It does not include any grants, rebates, or tax credits from federal, state, local, foundation, or other sources. All proposed matching expenditures (in-kind and cash) must only be directly related project expenditures and must not include the costs or in-kind values of items that are not being used as part of the proposed project.

“Grant Beginning Date” means the effective start date of the grant term, as established in the grant agreement.

“Grantee” means an applicant that has been awarded a grant.

SECTION 9: APPLICANT CERTIFICATION

Applicant hereby certifies that:

- The project complies with all applicable state, federal, and local environmental and zoning laws, ordinances, and regulations.
- All authorizations, licenses, permits, etc. required to perform the project have either been obtained or will be obtained no later than 90 days following the date of execution of the grant agreement.
- It is not in violation of the prohibitions against bribery of any officer or employee of the State of Illinois as set forth in 30 ILCS 505/10.1.
- It has not been barred from contracting with a unit of state or local government as a result of a violation of section 33E-3 or 33E-4 of the Criminal Code of 1961 (720 ILCS 5/33 E-3 and 5/33 E-4).
- It is not a violation of Educational Loan Default Act (5 ILCS 385/3).
- There is no action, suit or proceeding at law or in equity pending, nor to the best of Applicant's knowledge, threatened against or affecting the Applicant before any court or before any governmental or administrative agency which will have a material adverse effect on the performance required by this Program.
- Should it become the subject of an action suite or proceeding at law or in equity that would have a material adverse effect on the performance required by this Program, or an investigation by any state federal regulatory law enforcement or legal authority; Applicant shall promptly notify the Department.
- It is not currently operating under or subject to any cease and desist order or subject to any informal or formal regulatory action, and, to the best of Applicant's knowledge that it is not currently the subject of any investigation by any state or federal regulatory law enforcement or legal authority.
- As of the submittal date, the information provided in its application is accurate, and the individuals signing below are authorized to submit this application.

Under penalty of perjury, I certify that I have examined this application and the document(s), schedule(s), and statement(s) submitted in conjunction herewith, and that, to the best of my knowledge and belief, the information submitted herewith is true, correct, and complete. I represent that I am the person authorized to submit this application on behalf of the applicant, and that I am authorized to execute a legally binding grant agreement on behalf of the applicant if this application is approved for funding.

I hereby release to DCEO the rights to and use of photographs and/or any written statements or information, regardless of format (whether they are direct quotes or paraphrased by DCEO), contained in or provided after the grant application for the purpose of publication on DCEO's website. I hereby also release any and all claims against DCEO, its officers, agents, employees and/or affiliates arising out of, or in connection with, the usage of photographs and/or written statements or information, regardless of format (whether they are direct quotes or paraphrased by DCEO), for the purpose of publication on DCEO's website.

David Fieldman, Village Manager

5/6/2014

Signature

Name & Title

Date

Village of Downers Grove, Illinois
Illinois Alternate Fuel Research and Infrastructure Grant Program Application
CNG Fueling Station Storage Expansion
Appendix A - Documentation

1 Village Profile

The Village of Downers Grove operates under the Council-Manager form of government with the Mayor and six Council members elected at-large to staggered four-year terms. The Village government structure provides a wide range of administrative services. The Village's leadership team consists of a Mayor, six Council Members and the Village Manager. The management team consists a Deputy Village Manager, Village Attorney, Village Clerk, Communications Director, Emergency Management Coordinator, Finance Director, Director of Community Development, Police Chief, Fire Chief, Director of Public Works, Director of Information Services, and Director of Human Resources. The Village currently employs 309 full-time and 49 part-time employees.

The Village's adopted mission statement is: "Our Village government provides Exceptional Municipal Services that are valued by our Citizens and Businesses. We are fiscally responsible, have passion for our customers and have an eye on the future. We engage our citizens and partner with others to make Downers Grove a Great Community in which to live and to do business."

As defined by Illinois statutes, the Village is a home-rule community and provides a full range of municipal core services to its residents, customers, schools, park district, library, and sanitary district. These services include emergency services (Fire, Medical, Police, etc.); building code and fire prevention inspection services; water services; a commuter bus transportation system, a commuter and residential parking system, community development services; and the construction and maintenance of streets, stormwater, and other municipal infrastructure.

The Village of Downers Grove was originally settled in 1832 and was incorporated on March 31, 1873. Downers Grove, which has a land area of about 14.4 square miles, is located in DuPage County and is 22 miles west of Chicago. DuPage County is the second most populated county in Illinois, after Cook County. The median household income in the Village is \$81,272. Along with several major arterial highways, three Burlington Northern commuter train stations are located in the Village; these provide commuters about a 25 minute train ride to and from Chicago and easy access to the entire metropolitan area.

The resident population is 47,833; however, the Village's corporate business parks and shopping districts raise the daytime population and economic activity, providing the Village the benefits of a significant level of sales tax revenue. A review of the retail expenditure information suggests that the Village attracts residents from surrounding communities to support the sales tax income. The property tax base is 75 percent residential, 22 percent commercial, and 3 percent industrial.

2 Expertise/Qualification of Applicant and Partners

Over the past 13 years, the Village was awarded and successfully managed three grants for the construction and upgrades of our alternative fueling facilities. In 2001, the Village entered into an agreement with Gas Technology Institute and the City of Chicago to construct a CNG fueling Station. In 2004, a similar agreement was executed to construct an E85 fueling station. Both fueling stations were installed at the Village's Public Works facility, 5101 Walnut Avenue, Downers Grove, Illinois. In 2010, the

Village entered into an agreement with Gas Technology Institute and the City of Chicago to expand our CNG Fueling Station and Fuel Management System.

Today, the Public Works facility provides fueling pumps for conventional gasoline, B-20 Biodiesel, Compressed Natural Gas (CNG) and E-85 fuel to a variety of local government agencies through intergovernmental agreements. Those agencies include: Downers Grove Sanitary District, School District 58, the Forest Preserve District of DuPage County, the County of DuPage and the Village of Lisle. Additionally, the station serves fleets for nine businesses, in addition to the Villages 185 vehicle fleet. The Village has a full-time fleet maintenance staff consisting of a Fleet Services Manager and five (5) Fleet Maintenance Technicians. An additional position, Public Works Facility Technician, is located at the Public Works facility and is responsible for managing the fueling system.

The Village administers a Fleet Services Fund and an Equipment Replacement Fund to provide both the maintenance and replacement of vehicles and equipment. Both funds are internal service funds, with departments charged for their share of related costs.

The Village has not partnered with a contractor for the proposed project. Should the Village be awarded a grant, staff will develop a Call for Bids (CFB) seeking services from a qualified contractor to provide the specified CNG Fueling Station storage expansion in accordance with established procurement procedures.

For many years, the Village has successfully managed a variety of federal, state, and local grants and loans. Should the Village become a recipient of a grant award through the Illinois Alternate Fuel Research and Infrastructure Grant Program, our management team has many years of relevant experience to fulfill all requirements of the grant.

3 Project Description

The Village of Downers Grove seeks funding assistance for alternative fuel infrastructure costs related to necessary upgrades to our existing Compressed Natural Gas (CNG) fueling facility for use by motor vehicles. Our project goal is to expand the storage capacity of CNG by 140 GGE's at our existing CNG fueling facility to support a greater number of natural gas powered vehicles as well as larger vehicles such as snow plow trucks. The objective includes the delivery and installation of two (2) above ground storage vessels and one upgraded CNG refueling nozzle at the CNG fueling station located at the Downers Grove Public Works Facility, 5101 Walnut Avenue, Downers Grove, Illinois.

Downers Grove will create bid specifications for the CNG storage vessels specific to the stations requirements. Downers Grove will coordinate the work with the contractor to find a cost effective storage solution. It is anticipated that lead times for equipment are substantial; therefore, equipment will be procured soon after a solution is identified. The storage vessels will be installed in the current storage area on an existing concrete pad. All construction will be performed in accordance with NFPA 52 guidelines by a qualified contractor. The qualified contractor will furnish labor, crane, and material to off load two CNG storage vessels and set in place and anchor to existing concrete pad, and will run interconnecting 1/2 inch .083 seamless stainless steel tubing between the vessels and existing line going to the fueling station.

There will be no excavation involved in this project. Mechanical installation includes (but is not limited to) equipment placement, crane lifting, anchoring, piping, tubing and connections. Vessels will be protected by existing concrete bollards and/or guard rails as required by code. Management of the overall project will be provided by Stan Balicki, Assistant Director of Public Works - Operations in addition to site

supervision by the awarded contractor. Mr. Balicki has been involved with the original construction of the fueling facility and upgrades to the CNG Fuel Facility during the past 13 years. Village employees who use the facility are trained in the operations and maintenance of the fueling equipment.

The Village would also purchase an upgraded CNG refueling Nozzle. This particular upgraded nozzle is very user friendly and is redesigned with a "pistol grip" style that is familiar to all fueling station users. The new nozzle is just as quick and easy to use as the common petro/diesel nozzle and has a similar look and feel. A full 360 degree rotation makes it easy to engage the vehicle's fuel receptacle for both right-handed and left-handed individuals. The nozzle offers optimum safety to the operator and has an extremely high flow rate, recirculation of vented gas, plastic thermal protection, jaw locking mechanism, color coded impact protection and high grade materials.

Timeline for key tasks:

Task 1: Village Council approval is required for submittal of the grant application and will be completed on May 6, 2014.

Task 2: Upon grant award, staff will develop a Call for Bids (CFB) seeking services from a qualified vendor to provide the specified CNG storage vessels and CNG nozzle in accordance with established procurement procedures. Bidding will take place prior to August 4, 2014.

Task 3: Village Council approval is required for contract award. We anticipate completion of this task by September 2, 2014.

Task 4: By September 5, 2014, the Village will send out the Notice of Award to the awarded bidder. Staff will create a purchase order for the materials and installation. Delivery of materials will take approximately eight weeks. The name, address, license and proof of insurance from the system installer or contractor will be provided to DCEO.

Task 5: Installation of storage vessels and CNG nozzle should be completed by October 31, 2014.

Task 6: Grant Closeout

The Village is currently in the planning stage of the project. Preliminary quotes for the equipment and installation have been received so that an estimate for total project cost could be included in this application. The Village certifies that the project complies with all applicable state, federal, and local environmental and zoning laws, ordinances, and regulations and that all permits, licenses, etc., required to perform the project have either been obtained or will be obtained no later than 90 days following the date of execution of the grant agreement.

Project financing by the Village is secured through the General Fund which includes revenue from sales tax, property tax and resale of motor vehicles. The source of the Village match for this project will be in cash from the Villages equipment replacement fund. Funds have been reserved for the matching portion of the grant. The Village's Comprehensive Financial Reports for FY 2011 and 2012 are enclosed along with the 2014 Fleet Services Fund Budget with the application.

4 Project Benefits

The Village of Downers Grove's project to expand the storage capacity of Compressed Natural Gas (CNG) at our Public Works CNG fueling facility, aligns measurably with our long range goals:

- Steward of Financial and Environmental Sustainability
- Exceptional Municipal Services
- Top Quality Infrastructure
- Strong, Diverse Local Economy
- Continual Innovation

In 2013, the Village achieved significant results consistent with these goals in addition to being recognized as a leader among municipalities. The Village was also recognized for outstanding achievement in several areas including a Distinguished Budget Award, the 2013 Illinois Governor's Sustainability Award and the Clean Cities Coalition Green Fleet Award.

Although, the Village is not creating nor retaining any jobs as a direct result of this grant, the viability of adding additional CNG fuel storage vessels to our fueling station is evidenced by the number of existing intergovernmental agreements for fueling as well as the interest from other businesses over the past four months who have signed up for fueling privileges at this site. As current fueling activities and future interest reveals, the expansion of the Village's current CNG station will have a very positive impact on our fueling operations and enhance the opportunity to participate by those entities with fleets who are interested in alternative fueling. The project will support a greater number of natural gas powered vehicles which will result in greater gasoline displacement, fuel cost savings, energy independence, and environmental benefits.

The Village purchased 21,826 Therms in 2013 thus, the equivalent of approximately 18,188 gallons of gasoline displaced. Between fiscal years 2011 and 2013, Therms purchased had increased by 176 percent and 137 percent respectively or a total increase of 241 percent, the equivalent of 10,656.28 gallons of gasoline displaced. As the Village expands its CNG fueling capacity and replaces gasoline and diesel vehicles with CNG vehicles, gasoline displacement will increase. In 2013, our greenhouse gas emission reductions were: 162 Metric Tons of CO₂ avoided.

The payback period for our CNG project can vary significantly depending on a number of factors including the price of diesel/gasoline, the larger the price difference between CNG and the alternative, the larger the return on the project investment. Fleet vehicles driven many miles and returning to the same location every day have positive cost savings and low fuel economies. In addition to saving money, the CNG project results in improved air quality, reduced vehicle noise, and fleets are not subject to fluctuating petroleum prices.

After project completion, benefits will be measured by the amount of Therms used at the project site, and the subsequent intergovernmental agreements and interest from other businesses to service CNG vehicles.

5 Project Budget

The project budget includes costs for the purchase of two CNG storage vessels specific to the stations requirements including mechanical installation (but is not limited to) equipment replacement, crane lifting, anchoring, piping, tubing and connections. The total estimated cost of the project is \$82,929 which is based on a recent quote for the CNG vessels and the upgrade CNG nozzle. The Village of Downers

Grove's investment into this project is \$41,464.50 (or 50 percent of total project costs). The Village requests State funding in the amount of \$41,464.50 (or 50 percent of total project costs).

The Village Council will approve the submittal of a grant application for the Illinois Alternative Fuel Research and Infrastructure Grant Program on May 6, 2014. Application will be submitted no later than the due date May 8, 2014. Should the Village be awarded a grant, project implementation can proceed as soon as the grant agreement is executed. The estimated time to complete the project is within five months of grant award. Upon award, Village staff will prepare and release a Call for Bids for the purchase of two CNG storage vessels and request quotes for the CNG nozzle. Village Council approval would be required for a contract award which is estimated to be completed by September 2014 along with the awarding of the contract. Village staff will prepare a purchase order for the project materials very soon after contract award as the approximately delivery is eight weeks after receipt of order. Installation of the CNG storage vessels and nozzle will be completed by October 31, 2014. Staff will conduct a final installation inspection (audit) to confirm the project is successful. Grant closeout will be completed by November 30, 2014.

6 Financial Information

Project financing by the Village is secured through the General Fund which includes revenue from sales tax, property tax and resale of motor vehicles. The source of the Village match for this project will be in cash from the Villages equipment replacement fund. Funds have been reserved for the matching portion of the grant. The Village's Comprehensive Financial Reports for FY 2011 and 2012 are enclosed along with the 2014 Fleet Services Fund Budget with the application. A copy of the All Village Financial Reports can be viewed at www.downers.us/govt/financial-reports/cafr.

APPENDIX B
Illinois Department of Commerce and Economic Opportunity
Illinois Alternate Fuel Research and Infrastructure Grant Program
Proposed Project Costs

Summary:

	Total Costs	Applicant Investment	Contributions From Other Sources	State Funding Requested
A. Purchase of Services	\$4,036	\$2,018	\$0	\$2,018
B. Equipment/Material	\$78,893	\$39,446.50	\$0	\$39,446.50
Total	\$82,929	\$41,464.50	\$0	\$41,464.50
Percent of Total	100%	.50%	0%	.50%

Purchase of Services: For the installation of equipment, list all applicable costs for design, construction, repair, or maintenance, and fees for legal, financial, or artistic services. All subcontracts must be explained in detail, include the license number and address of the subcontractor, and be attached to the end of this section.

Expense Item	Total Costs	State Funding Requested
1. Crane Operation	\$1,060.00	\$530.00
2. Site Supervision	\$576.00	\$288.00
3. On Site Construction	\$2,400.00	\$1,200.00
4.	\$	\$
5.	\$	\$
6.	\$	\$
Subtotal	\$4,036.00	\$2,018.00

Equipment/Materials: List all items of equipment to be purchased valued greater than \$100.

Expense Item	Total Costs	State Funding Requested
1. CNG Storage Vessel #1	\$36,294.00	\$18,147.00
2. CNG Storage Vessel #2	\$36,294.00	\$18,147.00
3. CNG Fueling Nozzle	\$3,600.00	\$1,800.00
4. Stainless Steel Tubing and Fittings	\$705.00	\$352.50
5. Vessel Freight	\$2,000.00	\$1,000.00
6.	\$0	\$0
Subtotal	\$78,893.00	\$39,446.50

Financial Partners and All other Sources of Investment: Specify in reasonable detail including phone number, contact person and address.

Partner / Source of Investment	State Funding Requested
1. Department of Commerce and Economic Opportunity	\$41,464.50
2.	\$
3.	\$
4.	\$
5.	\$
6.	\$
Subtotal	\$41,464.50
Project Total	\$82,929.00
State Funds Requested	\$41,464.50

Attach additional budget pages if necessary.

Financial Partnership and Other Investment Sources, Letter or Guidelines:

Provide letters from each financial partner or funding entity indicating the amount of their support and the project commencement date expected for their partnership.

In the event of funding by private foundations or public sources, if such a letter is not yet available, indicate the anticipated source and supporting documentation or guideline for the anticipated source. Also, provide alternative funding options should the anticipated sources not be awarded.

Applicant Investment:

Please describe the source of the minimum 30% applicant investment, in addition to funds from any financial partners described above. Specifically identify whether funds are cash, in-kind, or other collateral. See “Definitions” section for details on allowable contributions to the Applicant Investment.

Financial Statements:

Per Appendix A, item #6, applicant should provide annual financial statements for the last two years, or if in business less than three years, provide all available annual financial statements.

Project Labor Agreement:

If the project is for the construction or upgrade of alternate fueling facilities, applicant should include one of the following in the project submittal: (a) a copy of the Project Labor Agreement (or draft agreement is the final agreement is still pending at the time of initial application) for the proposed project; or (b) a letter of intent to enter into a Project Labor Agreement for the proposed project.



www.downers.us

**COMMUNITY RESPONSE
CENTER**

630.434.CALL (2255)

CIVIC CENTER

801 Burlington Avenue

Downers Grove

Illinois 60515-4782

630.434.5500

TDD 630.434.5511

FAX 630.434.5571

FIRE DEPARTMENT

ADMINISTRATION

5420 Main Street

Downers Grove

Illinois 60515-4834

630.434.5980

FAX 630.434.5998

POLICE DEPARTMENT

825 Burlington Avenue

Downers Grove

Illinois 60515-4783

630.434.5600

FAX 630.434.5690

PUBLIC WORKS

DEPARTMENT

5101 Walnut Avenue

Downers Grove

Illinois 60515-4046

630.434.5460

FAX 630.434.5495

May 6, 2014

Illinois Department of Commerce and Economic Opportunity
Illinois Energy and Recycling Office
Attention: Rajiv Narielwala
500 East Monroe Street
Springfield, IL 62701

Re: Letter of Intent

Dear Mr. Narielwala:

It is the Village of Downers Grove's intent to seek bids for the purchase and installation of storage vessels for the expansion of our CNG fueling facility and, thereafter, to enter into a contract with the lowest responsive and responsible bidder.

If you require any additional information, please contact me at 630/434-5474.

Sincerely,

VILLAGE OF DOWNERS GROVE

Stan Balicki
Assistant Director Public Works - Operations

Village of Downers Grove
Section 2: Applicant History
State of Illinois Grants Received

Agency: Illinois Liquor Control Commission
Grant #: None
Grant Amount: \$3,960
Grant Term: 8/1/2013 to 6/30/2014
General Description: Tobacco Enforcement Program "Kids Can't Buy Em Here"
Issues: None

Agency: Department of Commerce and Economic Opportunity
Grant #: 13-203193
Grant Amount: \$35,000
Grant Term: 1/1/2014 to 12/31/14
General Description: Equipment, Materials and Labor for Pedestrian Crossing Signals
Issues: None

Agency: Illinois Liquor Control Commission
Grant #: None
Grant Amount: \$4,070
Grant Term: 8/1/2012 to 6/30/2013
General Description: Tobacco Enforcement Program "Kids Can't Buy Em Here"
Issues: None

Agency: Illinois Liquor Control Commission
Grant #: None
Grant Amount: \$4,070
Grant Term: 8/1/2011 to 6/30/2012
General Description: Tobacco Enforcement Program "Kids Can't Buy Em Here"
Issues: None

Agency: Department of Commerce and Economic Opportunity
Grant #: 12-203271
Grant Amount: \$500,000
Grant Term: 7/1/2012 to 12/31/12
General Description: Reimburse for prior incurred costs for installation of new and replacement sidewalk along Ogden Avenue and various locations in the Village.
Issues: None

Agency: Department of Commerce and Economic Opportunity

Grant #: 10-203898

Grant Amount: \$75,000

Grant Term: 6/1/2010 to 5/3/2012

General Description: Safety improvements on Maple Avenue at BNSF RR Grade Crossing to improve site distance

Issues: None

Agency: Illinois Department of Transportation - Illinois Commerce Commission

Grant #: SA1487

Grant Amount: \$262,800

Grant Term: Agreement signed 4/13/10 and project completed by 11/1/2011

General Description: Safety improvements on Maple Avenue at BNSF RR Grade Crossing to improve site distance

Issues: None

Agency: Department of Commerce and Economic Opportunity

Grant #: 11-203539

Grant Amount: \$500,000

Grant Term: 7/1/2011 to 12/31/2011

General Description: Reimburse prior parking deck excavation and site preparation costs

Issues: None

Agency: Department of Commerce and Economic Opportunity

Grant #: 10-203899

Grant Amount: \$130,000

Grant Term: 10/1/2010 to 9-30-2012

General Description: Downtown Business crosswalk repair and replacement

Issues: None

Agency: Department of Commerce and Economic Opportunity

Grant #: 10-203897

Grant Amount: \$120,000

Grant Term: 10/1/2010 to 9/30/2012

General Description: Village Hall Roof Replacement

Issues: None

Agency: Illinois Department of Transportation

Grant #: Job# C91-185-11

Grant Amount: \$150,000

Grant Term: 9/2/2010 to 10/1/2012

General Description: Street Maintenance, patching, curb and gutter replacement and resurfacing to various routes in Downers Grove

Issues: None

VILLAGE LEADERSHIP



Mayor
Martin T. Tully



Commissioner
Sean Patrick Durkin



Commissioner
Geoff Neustadt



Commissioner
Robert T. Barnett



Commissioner
Becky Rheintgen



Commissioner
David S. Olsen



Commissioner
Greg Hosé

Mayor
Martin T. Tully

Commissioners

Sean Patrick Durkin, Geoff Neustadt, Robert T. Barnett, Becky Rheintgen, David S. Olsen, Greg Hosé
Village Manager - David Fieldman

Directors

Deputy Village Manager Michael Baker, Village Attorney Enza Petrarca, Village Clerk April Holden,
Communications Director Douglas Kozlowski, Emergency Management Coordinator Mary Pratt,
Finance Director Judy Buttny, Director of Community Development Tom Dabareiner,
Police Chief Robert Porter, Fire Chief James G. Jackson, Sr., Director of Public Works Naneil Newlon,
Director of Information Services Liangfu Wu, Director of Human Resources Dennis Burke

FLEET SERVICES FUND

Fund Type: Internal Service Fund

Fund Number: 531

Accounts for the costs of maintaining and operating the Village's fleet

Description- The Village provides services that require the use of vehicles and equipment. From fire and police to watermain repairs, services cannot be provided without a well-maintained and efficient fleet. To ensure this occurs, Public Works operates a garage for vehicle and equipment maintenance and repair. The Public Works facility also has a fueling station with pumps for Bio-Diesel, E-85, unleaded gas, and Compressed Natural Gas (CNG). The Village has a fleet of 185 vehicles and equipment. There are 7 employees in this fund (6.35 FTEs), a Fleet Services Manager, 5 Fleet Maintenance Technicians, a part-time Shop Assistant, and costs for an Administrative Secretary.

The primary revenue to this fund is from charges to Village departments for maintenance performed on their vehicles and equipment. The revenue budget is based on anticipated service requirements based on historical analysis.

Recent History and Trends- Past long-range planning processes identified several strategies for the Fleet Services fund.

Strategies identified:

- Increase Operating Efficiencies
- Continuous Improvement
- Culture of Lean
- Increase Use of Technology
- Capture Economy of Scale
- Enhance Revenues
- Reduce Net Operating Expenses

Fleet Operations staff have been proactive in developing and implementing innovative ideas aimed at maintaining and improving the fleet. Recently implemented ideas include nitrogen tire fills for all Village vehicles for improved gas mileage and longer life of tires, installing interior cab warming devices in snowplows to avoid idling in cold weather, installing a higher-capacity CNG station at Public Works to increase Village capacity for additional CNG vehicles, and heating of fleet operations with used motor oil. The Village has also installed solar heating panels on the side of the fleet facility, continued purchasing fuel-efficient vehicles as older vehicles are replaced, including the first 5-ton



CNG snowplow in the Midwest, and entered into intergovernmental agreements with SEASPAR, Park District, and District 58 for fleet maintenance. In spite of rising fuel prices, the Village has been able to contain costs due to a 6% reduction in fuel usage in 2012 and a 3% reduction in 2013 compared to 2011 levels.

FLEET SERVICES FUND

1		FY2012 Actual	FY2013 Budget	FY2013 Estimate	FY2014 Adopted	FY2015 Projection	FY2016 Projection
2	Beginning Cash Balance	88,014	263,165	263,165	273,424	246,066	232,138
3	Revenue						
4	Local Taxes	-	-	-	-	-	-
5	License & Permit Revenues	-	-	-	-	-	-
6	Intergovernmental Revenues	23,302	-	-	-	-	-
7	Sales	153,242	113,800	113,800	117,214	120,730	124,352
8	Fees, Charges & Fines	1,696,092	1,666,463	1,676,463	1,703,494	1,713,494	1,723,494
9	Grants	-	-	-	-	-	-
10	Interest & Claims	-	-	-	-	-	-
11	Contributions	-	-	-	-	-	-
12	Other Financial Resources	-	-	-	-	-	-
13	Total Revenue	1,872,636	1,780,263	1,790,263	1,820,708	1,834,224	1,847,846
14	Expenses						
15	Personnel	586,461	636,074	616,084	650,616	676,208	695,595
16	Supplies	705,384	807,382	796,000	810,222	807,382	807,382
17	Professional Services	7,732	12,100	11,585	14,580	12,000	12,000
18	Other Contractual Services	89,344	122,285	121,340	132,285	122,285	122,285
19	Claims, Grants, & Debt	102,804	99,072	99,072	99,440	105,951	106,182
20	Controlled Assets	18,514	22,500	22,500	27,500	7,500	7,500
21	Capital Assets	39,451	-	-	-	-	-
22	Other Financial Uses	113,424	113,423	113,423	113,423	116,826	120,330
23	Total Expenses	1,663,114	1,812,836	1,780,004	1,848,066	1,848,152	1,871,274
24	Net Change		(32,573)	10,259	(27,358)	(13,928)	(23,428)
25	Ending Cash Balance	263,165	230,592	273,424	246,066	232,138	208,710

Noteworthy Changes from 2013 and Other Explanations

- Sales (row 7) reflects monies received from other government agencies for the joint purchasing of fuel.
- Fees, Charges & Fines (row 8) reflects charges to Village departments for their costs of vehicle maintenance and the fees charged to SEASPAR, District 58 and the Park District for the maintenance of their fleets.
- Personnel Costs (row 15) 1 Fleet Manager, 5 Fleet Maintenance Technicians, .6 Shop Assistant and .25 Administrative Secretary II.
- Supplies (row 16): Included in this line item is the cost of fuel.

EQUIPMENT REPLACEMENT

Fund Type: Internal Service Fund

Fund Number: 530

Provides a systematic method of replacing equipment and leveling the costs of replacing such equipment

Description- This fund provides a dedicated funding source for equipment that is replaced on a routine basis. It allows for items to be replaced when they need to be versus when funds are available. Village departments "pre-fund" for equipment purchases by making payments to this fund for equipment that they use. This fund is used to purchase vehicles, computer equipment and fire equipment.

Each year, the schedule of equipment to be replaced is assessed to determine if an item should be replaced or deferred to a future year. Vehicles and equipment budgeted to be purchased in FY 2014 total \$1,465,480.

Recent History and Trends- The Village identified strategies to maximize the impact of equipment replacement. The Village has identified operating efficiencies and continues to improve by replacing equipment at the optimum point in its lifecycle to avoid unplanned down time of equipment that is being repaired and prevent maintenance costs from increasing due to labor and replacement parts.

The Village currently owns 23 Compressed Natural Gas (CNG) vehicles including two 5-ton snow plows. The CNG vehicles in the fleet have a longer useful life than vehicles that run on diesel and unleaded fuel, since they run cleaner and more efficiently. This also results in savings on maintenance.

The Village also implemented server virtualization in 2011. Server virtualization reduced the total number of servers from 28 to 12 and allowed the Village to operate more efficiently with fewer replacements and lower maintenance costs over time. It also allowed for a better environment for Disaster Recovery.

Moving forward, the Village will continue to purchase CNG and other alternative fuel vehicles, monitor trends in computer hardware to find other opportunities for cost savings, and explore new avenues to increase efficiencies.



EQUIPMENT REPLACEMENT

1		FY2012 Actual	FY2013 Budget	FY2013 Estimate	FY2014 Adopted	FY2015 Projection	FY2016 Projection
2	Beginning Cash Balance	1,421,874	1,404,576	1,404,576	1,165,625	1,009,830	766,828
3	Revenue						
4	Local Taxes	-	-	-	-	-	-
5	License & Permit Revenues	-	-	-	-	-	-
6	Intergovernmental Revenues	12,000	-	-	-	-	-
7	Sales	-	-	-	-	-	-
8	Fees, Charges & Fines	1,186,660	1,250,478	1,250,478	1,280,485	1,311,218	1,341,374
9	Grants	-	-	-	-	-	-
10	Interest & Claims	310	200	100	200	200	200
11	Contributions	-	-	-	-	-	-
12	Other Financial Resources	55,070	29,000	29,000	29,000	29,000	29,000
13	Total Revenue	1,254,040	1,279,678	1,279,578	1,309,685	1,340,418	1,370,574
14	Expenses						
15	Personnel	-	-	-	-	-	-
16	Supplies	-	-	-	-	-	-
17	Professional Services	-	-	-	-	-	-
18	Other Contractual Services	-	-	-	-	-	-
19	Claims, Grants, & Debt	-	-	-	-	-	-
20	Controlled Assets	311,973	27,900	100,278	249,300	146,420	416,865
21	Capital Assets	687,267	1,638,800	1,418,251	1,216,180	1,437,000	637,000
22	Other Financial Uses	-	-	-	-	-	-
23	Total Expenses	999,240	1,666,700	1,518,529	1,465,480	1,583,420	1,053,865
24	Net Change		(387,022)	(238,951)	(155,795)	(243,002)	316,709
25	Ending Cash Balance	1,404,576	1,017,554	1,165,625	1,009,830	766,828	1,083,537

Noteworthy Changes from 2013 and Other Explanations

- Fees, Charges & Fines (row 8) reflects charges to Village departments for their costs of equipment.
- Other Financial Resources (row 12) reflects the proceeds on disposal of equipment.
- Controlled Assets (row 20) and Capital Assets (row 21) reflects the equipment purchases.

EQUIPMENT REPLACEMENT

Cost Center	Unit #	Description	Life	Budget
<u>Vehicle Replacements</u>				
Public Works	31	2007 Tennant Floor Scrubber	7	\$ 45,000
Public Works	199	2001 Ford F150 Pick-Up	13	\$ 35,000
Public Works	292	1998 Intern'l 5 Ton Dump Body	16	\$ 60,000
Public Works	297	2000 Ford F350 1 Ton Dump	13	\$ 110,000
Public Works	298	2000 Ford F350 1 Ton Dump	13	\$ 110,000
Public Works	654	2001 Ford F150 Pick-Up	13	\$ 35,000
Public Works	655	2001 Ford F150 Pick-Up	13	\$ 35,000
Police	815	2007 Crown Victoria Sedan	7	\$ 27,000
Police	830	2010 Crown Victoria Sedan	4	\$ 35,000
Police	831	2010 Crown Victoria Sedan	4	\$ 35,000
Police	843	2010 Crown Victoria Sedan	4	\$ 45,000
Police	844	2010 Crown Victoria Sedan	4	\$ 45,000
Police	854	2008 Chevy Impala	7	\$ 45,000
Police	868	2001 Chevy G2500 Van	11	\$ 35,000
Fire	928	2006 Ford Expedition	8	\$ 50,000
Fleet	30	1998 CAT GP 25 Forklift	16	\$ 20,000
Fleet		CNG Storage Sphere for Fueling	20	\$ 35,000
Fleet		4 Lift Stations	15	\$ 30,000
Subtotal				\$ 832,000
<u>Technology Replacements</u>				
Various		Replacement Firewall	10	\$35,000
Police		Telestaff	5	\$ 7,500
Public Works		AMR	5	\$ 7,500
Fire		Upgrade Firehouse Software	20	\$53,000
Various		Laptops	4	\$ 9,600
Various		Desktops	4	\$ 43,000
Various		MS Office Upgrade	10	\$ 65,000
Village Hall		Virtual 4	10	\$ 15,000
Various		Interoperability Equipment	20	\$ 30,000
Various		Disaster Recovery	20	\$ 196,180
Subtotal				\$ 461,780
<u>Other</u>				
Fire		Power Cot Loading Systems	10	\$ 78,000
Fire		Thermal Imaging Camera	5	\$ 32,000
Fire		Turnout Gear	5	\$ 33,700
Fire		Portable Radios	5	\$ 28,000
Subtotal				\$ 171,700
TOTAL EQUIPMENT REPLACEMENT FUND EXPENSES				\$ 1,465,480





Quote
2541

Quote Date
Apr 17, 2014

1245 Paramount Parkway Batavia, IL 60510
Office 630-406-5700 Fax 630-406-5705

SOLD TO:

Village of Downers Grove
5101 Walnut Avenue
Downers Grove, IL 60515-4074

SHIP TO:

Village of Downers Grove
5101 Walnut Avenue
Downers Grove, IL 60515-4074

Customer ID	Customer PO	Payment Terms	
18575	2541	Net 15 Days	
Customer Phone	Customer Fax	Good Through	Page number
630-434-5500	630-434-5498	May 17, 2014	1

Quantity	Item	Description	Unit Price	Amount
2.00		Allied Equipment Compressed Natural Gas Storage Sphere	36,294.00	72,588.00
		• 48" Inside Diameter		
		• 5,500 o 10,000 PSI design pressure		
		• Fabriccaated to ASME Code Section VIII, Division 1 or 2		
		• 33.5 Cubic Ft. Water Volume		
		• 1" Relief Valve with Isolation and Bleed Block Included		
		• 1/2" Drain Valve Included		
		• Outer Dimensions 63"(H) x 56"(W)		
		• Weight 8,735 lbs		
		• White Epoxy Paint		
4.00		hours of Crane Rental of off load and set two spheres at	265.00	1,060.00
		Downers Grove...not to exceed 4 hours		
1.00		1/2" x .083 Stainless Steel Tube and fittings	705.00	705.00
8.00	CNG LABOR	Site Supervision	72.00	576.00
16.00	CNG LABOR	On Site Construction	150.00	2,400.00
		• Set storage tubes		
		• Fasten Storage Spheres to concrete pad		
		• Provide labor to connect spheres to existling CNG		
		storage		

Check/Credit Memo No:

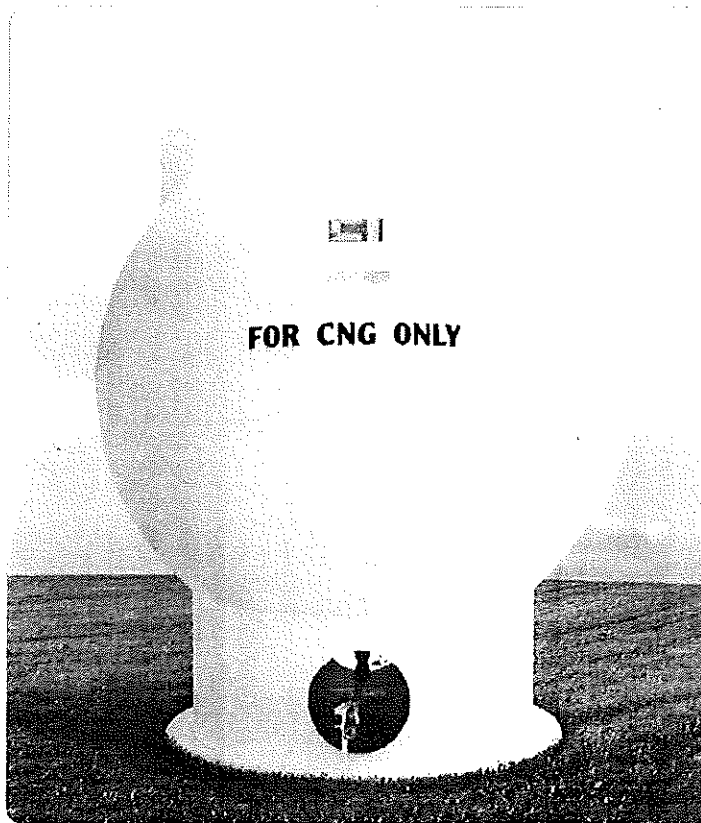
Subtotal 77,329.00
Sales Tax Freight 2,000.00

TOTAL 79,329.00

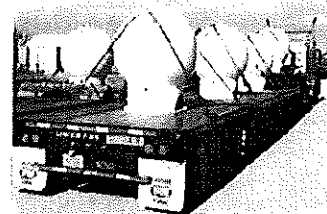
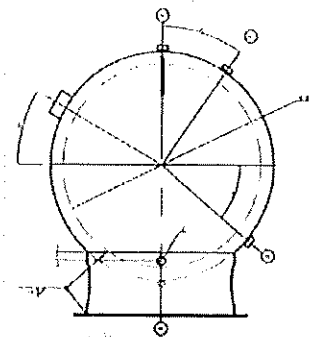
ALLIED

EQUIPMENT, INC.

COMPRESSED NATURAL GAS STORAGE SPHERE



- 48" Inside Diameter
- 5,500 to 10,000 PSI Design Pressure
- Fabricated to ASME Code Section VIII, Division 1 or 2
- 33.5 Cubic Ft. Water Volume
- 250 Gallon Capacity
- 1" Relief Valve with Isolation and Bleed Block Included
- 1/2" Drain Valve Included
- Outer Dimensions 63"(H) x 56"(W)
- Weight 8,735 lbs.
- White Epoxy Paint
- Stackable Options Available



48" ID SPHERE

Storage Pressure	Cubic Ft. Per Sphere	Gasoline Gallons per Sphere	*Diesel Gallons per Sphere
5,000#	12,314	103	91
4,500#	11,650	97	86
4,000#	11,045	92	82
3,600#	10,564	88	78

*135 cu. ft. of natural gas is equal to one (1) gallon of diesel fuel.