



---

690 Chesterfield Pkwy W • Chesterfield MO 63017-0760  
Phone: 636-537-4000 • Fax 636-537-4798 • [www.chesterfield.mo.us](http://www.chesterfield.mo.us)

---

November 2, 2015

Dear Consultant:

The City of Chesterfield is requesting the services of a qualified consulting engineering firm with sufficient experience relative to safe industry practices and applicable national codes and standards to design a fast-fill compressed natural gas (CNG) fueling facility. Design services shall be comprehensive of all aspects of a CNG fueling facility including site work, equipment for drying, compressing, storing, dispensing, and managing fuel, and other necessary components for the proper function of the facility.

The CNG fueling facility will be located at the Public Works Facility near the intersection of Public Works Drive and Edison Avenue in Chesterfield Valley. The facility shall be designed to serve up to forty (40) city owned natural gas vehicles and allow for future expansion for public use. In the first year of operation, the CNG fueling station will serve sixteen (16) city owned vehicles ranging in CNG tank size from 21 gasoline gallon equivalent (GGE) to 85 diesel gallon equivalent (DGE). The CNG fueling facility components shall be sized so they are capable of filling CNG vehicles in similar amount of time as if filling an equivalent amount of unleaded gasoline or diesel fuel. The consultant shall coordinate with Laclede Gas Company for a gas line upgrade from the existing main on the south side of Chesterfield Airport Road, which is expected to provide 5 psi of gas inlet pressure. Coordination with other utilities and agencies may be required.

The consultant shall also create procurement documents for thirteen (13) natural gas vehicles including but not limited to 0.5 ton, 1 ton, 1.5 ton, and 2.5 ton dump trucks outfitted with a hydraulic plows and spreaders.

If your firm would like to be considered for these consulting services, you may express your interest by responding to:

City of Chesterfield – Department of Public Services, Attn: Chris Krueger, P.E.  
690 Chesterfield Parkway West, Chesterfield, MO 63017-0760

The letter of interest should include any information which might help the City of Chesterfield in the selection process, such as the persons or team you would assign to

each project, the backgrounds of those individuals specific to natural gas fueling facilities and/or vehicles, and other projects your company has recently completed or are now active.

A **12% DBE requirement for Preliminary Engineering plus Construction Engineering** has been set by MoDOT for this project. DBE firms must be listed in the MRCC DBE Directory located on MoDOT's website at [www.modot.gov](http://www.modot.gov), in order to be counted as participation towards an established DBE Goal. We encourage DBE firms to submit letters of interest as prime consultants for any project they feel can be managed by their firm.

The City of Chesterfield will evaluate firms based on a) experience and competence, b) the capacity of the firm to perform the work in the timeframe needed, and c) past performance. (23 CFR 172 Administration of Engineering & Design Related Service Contracts and RSMo 8.285 through 8.291)

It is required that your firm's Statement of Qualification (RSMo 8.285 through 8.291) and an Affidavit of Compliance with the federal work authorization program along with a copy of your firm's E-Verify Memorandum of Understanding (15 CSR 60-15.020) be submitted with your firm's Letter of Interest.

It is required that the prime consultant be prequalified with MoDOT and listed in [MoDOT's Approved Consultant Prequalification List](#), or your firm will be considered non-responsive.

The written letter of interest must be received at City of Chesterfield City Hall, 690 Chesterfield Parkway West, Chesterfield, MO 63017 by **1:00pm CST on Thursday, December 2, 2015**.

Sincerely,



Chris Krueger, P.E.  
Civil Engineer

Attachment

<b>City of Chesterfield/St. Louis County, MO – Compressed Natural Gas Facility</b>	
Federal Aid No:	CMAQ-5410(627)
Location:	Edison Avenue and Public Works Drive in Chesterfield Valley
Proposed Improvement:	Compressed Natural Gas Fueling Facility Construction and Natural Gas Vehicle Procurement
Approximate Implementation Cost:	\$ 1,176,330.00
DBE Goal Determination:	12%
Consultant Services Required:	<p>1. Compressed Natural Gas Fueling Facility  <u>Engineering</u>: Engineering services may include but not limited to preparation of conceptual plans, preliminary plans, contract plans, right-of-way plans, surveying, geotechnical investigations, public involvement, environmental and historic preservation services/permits, right-of-way/easement exhibits, legal descriptions, contract documents, utility coordination/permits, traffic controls, preparation of PS&amp;E and final documents, assisting with bid and award, providing construction support and periodic construction site visits.</p> <p><u>Construction Phase</u>: Construction phase services may include but not limited to work with contractor on behalf of the City, assist with preconstruction conference, provide periodic site inspection, quantity measurements, change orders, shop drawing review, construction material and equipment testing/inspection, monitoring of field layout and critical construction and equipment operations, work with City to do full inspections and reporting and participate in final inspection.</p> <p>2. Compressed Natural Gas Vehicles  <u>Procurement</u>: These services may include but not be limited to draft and final procurement documents for the purchase of thirteen (13) compressed natural gas vehicles.</p>

Contact:	Chris Krueger, P.E., Civil Engineer 690 Chesterfield Parkway West Chesterfield, MO 63017 (636) 537-4759, <a href="mailto:ckrueger@chesterfield.mo.us">ckrueger@chesterfield.mo.us</a>
Submittal:	Four copies of the following should be received at the address above the time specified. A page is defined as 8-1/2 by 11 inches and printed on one side. <ul style="list-style-type: none"> <li>• Letter of Interest (5 page limit)</li> <li>• Statement of Qualifications</li> <li>• Affidavit of Compliance with federal work authorization program</li> <li>• Copy of your firm's E-Verify Memorandum of Understanding (15 CSR 60-15.020)</li> </ul>
Deadline:	<b>Thursday, December 2, 2015 by 1pm CST</b>

Pursuant to the Brooks Act for Consultant Selection – the following criteria will be the basis for selection.

Experience and Technical Competence -	40	Max Points
Capacity and Capability -	30	Max Points
Past Record of Performance -	30	Max Points