

Request for Statement of Interest (SOI)
Phase II Engineering Services
Dunham Road/Kirk Road Signal Interconnect & ITS Modernization

The Kane County Division of Transportation is in need of professional services from a qualified engineering firm(s) to provide Phase II Engineering Services.

The attached *Preliminary Scope of Services* provides anticipated items that are necessary as part of the Phase II Engineering Services.

At this time the County anticipates starting this work in 2010 with duration of approximately twelve (12) months.

The Statement of Interest shall be submitted **VIA EMAIL** no later than **4:00 P.M.** on **November 30th, 2009** and should be addressed to **Paul LaFleur, P.E., Project Manager**. Paul LaFleur's email address is: lafleurpaul@co.kane.il.us

Statements of Interest received will be used by County engineering staff to develop a short-list of three (3) firms. The County will then submit a Request for Proposal (RFP) and schedule interviews with the short-listed firms.

For more information regarding the SOI, such as content and format of these items, please reference our QBS document found at <http://www.co.kane.il.us/dot/consultant/selectionProcess.pdf>. Also, the SOI shall be submitted in PDF format viewable with the latest version of Adobe reader. The County's email system is set up to automatically provide you with a receipt verifying that we received your submittal if your email system requests such a receipt. If you do not receive this verification please contact Paul LaFleur at (630) 406-7355.

If you plan to utilize a sub-consultant for this project please note this on your Statement of Interest.

Short-listed firms will be posted on our website at www.co.kane.il.us/dot. Click on the link labeled "Request for Consultant Services", then click on the link labeled "Summary Table".

A Statement of Interest (SOI) received after the above noted deadline will not be used as part of our consultant selection process.

PROJECT DESCRIPTION/PRELIMINARY SCOPE OF SERVICES

The project includes Phase II design and traffic signal engineering services as follows:

The Consultant shall provide Phase II Engineering for the design of a gigabyte Ethernet traffic system network and ITS modernization including 21 total signalized intersections for integration with the County's ATMS (Advanced Traffic Management System). Twenty of these intersections are located along Dunham Road/Kirk Road between Stearns Road and IL 56/Butterfield Road. One intersection is located along IL 56/Butterfield Road, immediately west of Kirk Road. See the attached project location map.

There is an existing interconnect along Kirk Road, from Fox Chase Road to IL 56 with a gap at IL 64. The extension of that system will be done by constructing a gigabyte Ethernet fiber optic backbone and integration of associated Ethernet compatible controller hardware at existing signalized locations. This will extend from Fox Chase Road along Kirk Road north to the south hand hole of the new intersection of Stearns Road/IL 25 and Dunham Road/IL 25. The existing portion of the interconnect will require ITS and other traffic signal modernizations, including but not limited to upgrading of the existing fiber optic interconnect to a gigabyte ethernet backbone, upgrading cabinet communication and control hardware, UPS, traffic monitoring camera systems and various other signal upgrades.

This project (engineering and construction) will be funded by both local and federal (CMAQ) funding.

The Consultant will provide Phase II engineering services, which include but are not limited to the following:

- Field condition survey
- Preparation of detailed plans and specifications (in accordance with IDOT BDE, IDOT Region 1 Bureau of Traffic, and Kane County design standards)
- Preparation of all necessary post letting plan revisions
- Preparation of engineer's estimate of cost
- Preparation of Contract proposal and all necessary bidding documents
- Coordinate with IDOT, Kane County, County's current traffic/ITS system vendors and other involved parties/agencies as necessary
- Submit and coordinate all necessary permit requests for any work required outside Kane County right of way

QUALIFICATIONS

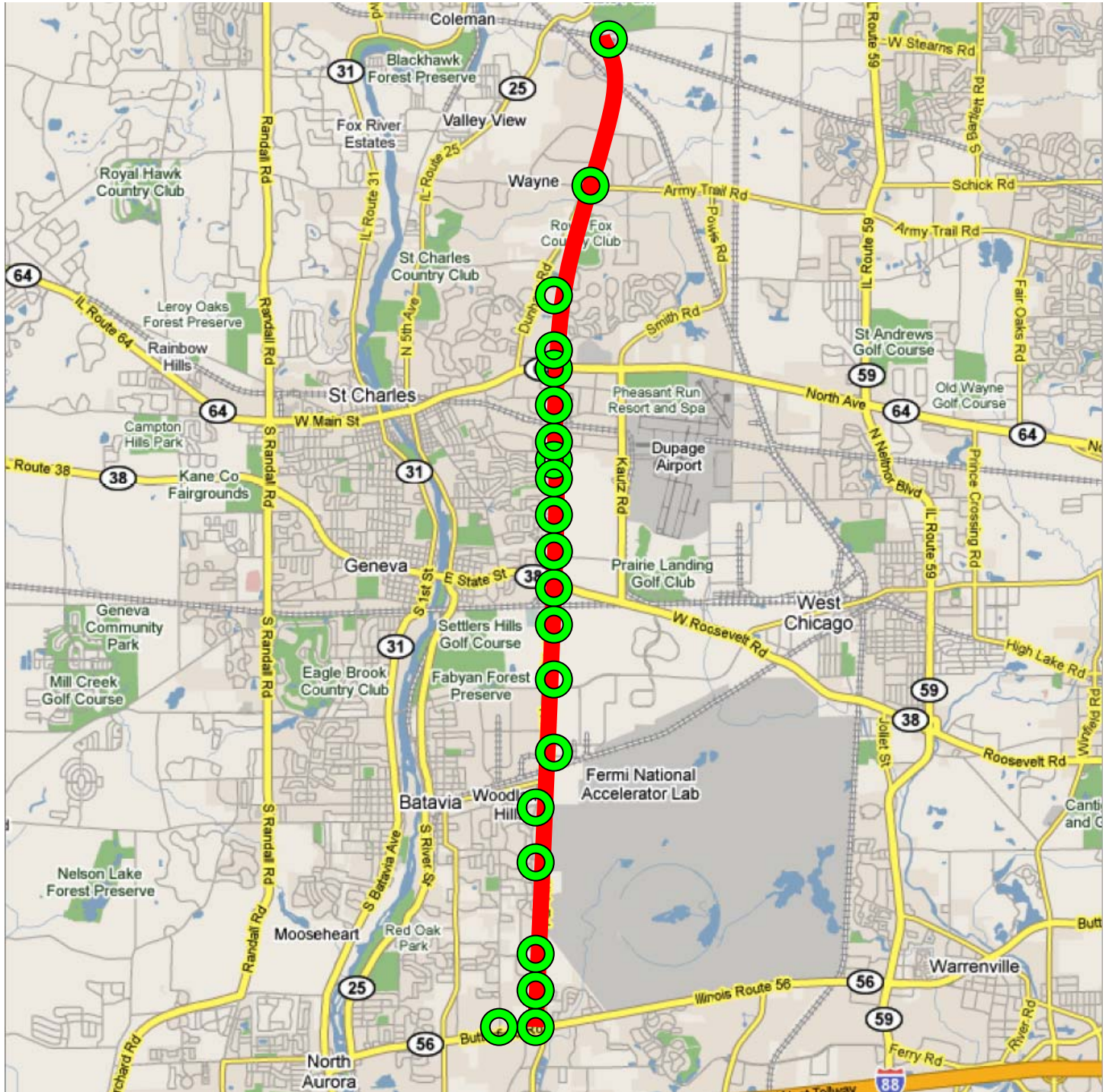
Interested consultants should possess competency in the following area(s) of expertise:

- Design of fiber optic and ethernet communications for traffic and ITS applications and ITS field systems.
- Pre-qualified for Phase II engineering with IDOT, Region One.

PROJECT DURATION

Contract duration shall begin upon the receipt of the notice to proceed from the County to the Consultant, which is anticipated to be sometime in **2010** and shall last approximately 12 months.

FY2010 CMAQ Application
Kane County
Signal Interconnect Project
Dunham and Kirk Roads from Stearns Road to IL 56



 Traffic Signal

 Application Segment