

**2014 QBS**  
**Request for Statement of Interest (SOI)**  
**Kane County Division of Transportation**  
**Phase II Design**  
**Adaptive Signal Control Technology (ASCT) Project**  
**Randall Road – Big Timber Road to Huntley Road**  
**Section No. 14-00441-00-TL**

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

The attached Preliminary Scope of Services describes in detail the anticipated design scope items that are necessary for this project.

At this time, the County anticipates beginning these services in mid-2014, with an anticipated project letting in mid-2015.

The Statement of Interest shall be submitted electronically **VIA KDOT QBS**, no later than **4:00 p.m. on May 28, 2014** and should be addressed to Mr. Thomas Szabo, Traffic Section Manager.

Mr. Szabo can be contacted at [szabotom@co.kane.il.us](mailto:szabotom@co.kane.il.us) or (630) 208-3139 for questions.

Statement of Interest received will be used by County engineering staff to develop a short list of three 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: [www.co.kane.il.us/dot/qbs/csp.pdf](http://www.co.kane.il.us/dot/qbs/csp.pdf). Also, the SOI shall be submitted in PDF format viewable with the latest version of Adobe Reader. The County will provide you with an email receipt/response verifying that your submittal was received. If you do not receive this verification please contact Mr. Szabo at (630) 208-3139.

If you plan to enter into a joint venture with another firm for this project, please note this on your Statement of Interest, including the name of the firm you are entering into a joint venture with for this project.

Short listed firms will be posted on our Website at [www.co.kane.il.us/dot](http://www.co.kane.il.us/dot). Click 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

Kane County has been awarded funding in the approximate amount of \$750,000 for the deployment of ASCT in Kane County.

The selected Consultant will provide all necessary Phase II engineering services for the design, procurement and deployment of ASCT at the following intersection locations on Randall Road (County Highway #34):

1. Big Timber Road
2. Holmes Road
3. Fox Lane
4. Alft Lane
5. I-90 Eastbound Exit/Entrance Ramps
6. I-90 Westbound Exit/Entrance Ramps
7. Point Boulevard
8. Auto Mall Drive/Saddle Club Drive
9. Joy Lane/Northwest Parkway
10. Illinois Route 72 (Higgins Road)
11. Recreation Drive
12. Binnie Road
13. Miller Road
14. Huntley Road

Phase II engineering services for this project shall include the following major/mile stone elements:

1. Categorical Exclusion - Group 1 documentation - The Consultant shall develop and submit the required Categorical Exclusion - Group 1 documentation to KDOT/IDOT Local Roads as well prepare any environmental clearance documents/reports, which may be required; in advance of the approval the Phase II Engineering Services Agreement.
2. System Engineering – The Consultant shall meet the systems engineering requirements set forth in FHWA Rule 940 and the FTA National ITS Architecture Policy. A Concept of Operations shall be prepared, which will be used to develop system requirements to a level of detail sufficient to successfully procure an ASCT system, and then confirm the system successfully meets the following overall objectives.
  - Concept of Operation
  - System Requirements
  - Verification Plan
  - Validation Plan
3. Adaptive Traffic Control System (ASCT) Procurement – The Consultant shall prepare all Request for Proposal (RFP) documents necessary for the procurement of a commercial ASCT system. The procurement documents shall specify technical and performance requirements needed to procure an ASCT system that meets desired specifications developed during the System Engineering stage.
4. P.S.& E. documents - Preparation of all contract documents (plans, specifications and estimate of probable cost) necessary for public bidding of the deployment of the previously procured ASCT system and other associated improvements shall be in accordance with applicable IDOT Bureau of Local Road and Streets for Federal Aid Project and County Standards.

## **QUALIFICATIONS**

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

- Pre-qualified for Phase II engineering with IDOT, District One, Region One
- Traffic and traffic system/ITS engineering
- Federally funded ITS projects including ASCT projects
- Preparation of Systems Engineering reports and P.S. & E. for federally funded ITS projects
- A project manager that possesses certification as a Professional Traffic Operations Engineer (PTOE) is desirable.
- Traffic Signal design (per IDOT Region/District One and Kane County standards)
- Manual on Uniform Traffic Control Devices (MUTCD)

## **PROJECT DURATION**

Contract duration shall begin upon the receipt of the "Notice to Proceed" from the County to the Consultant, which is anticipated in the Fall of 2014 with an anticipated project letting in the middle 2015.