

**2014 QBS**  
**Request for Statement of Interest (SOI)**  
**Highway Safety Improvement Project-Kane County Division of Transportation**  
**Stearns Road/ Randall Road to IL 25**  
**Phase III Engineering-Installation of Intelligent Transportation Systems (ITS)**  
Section Number: 11-00214-00-TL

The Kane County Division of Transportation is in need of professional services from a qualified engineering firm to provide Phase III Engineering (Construction Observation) Services for the future construction project referenced above.

The attached Preliminary Scope of Services and Pre-final Construction Plan and Specifications provide a summary of major items that will be encountered during the course of the construction observations services required.

At this time, the County anticipates starting this work in mid-2014, with approximately 7 months to complete the work.

The Statement of Interest shall be submitted electronically via KDOT QBS, no later than **4:00 p.m. on February 21, 2014** and should be addressed to **Tom Szabo, Traffic Section Manager** at [szabotom@co.kane.il.us](mailto:szabotom@co.kane.il.us) .

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 web site at: [www.co.kane.il.us/dot](http://www.co.kane.il.us/dot) by clicking on the link labeled "Request for Consultant Services" and then clicking on the link labeled "Summary Table".

Firms interested in providing service to Kane County Division of Transportation are hereby notified of their required compliance with Kane County's Ethics Ordinance (Ordinance No. 10-206) in particular, Section 10, page 15 of Ordinance No. 10-206. The complete Ethics Ordinance is available online at: <http://www.countyofkane.org/Pages/ethics.aspx>. Click on the link labeled "Ethics Ordinance".

Firms shall provide required ethic ordinance information directly to the Kane County Purchasing Department at the following address:

Kane County Government Center  
Purchasing Department, Building A  
719 S. Batavia Avenue  
Geneva, IL. 60134

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

Please refer to the following Description of Project Scope for more information on this project.

## **DESCRIPTION of PROJECT SCOPE**

### **Stearns Road Project**

1. The selected Consultant will provide Phase III construction observation and oversee the construction of Intelligent Transportation Systems (ITS) along Stearns Road from Randall Road to the Kane/Dupage County line (for a total project length of approximately 8 miles).
2. The Kane County Division of Transportation (KDOT) approved the attached 90% complete, Pre-Final set of plans for the improvement of the subject project dated January 24, 2014 and prepared by the consulting firm of Jacobs Engineering Group, Inc.
3. Construction observation and documentation will be per IDOT standards, pertinent IDOT and KDOT policy and procedures as well as certain industry guidelines and standards including but not limited to IMSA and ITE.
4. Proposed Intelligent Transportation Systems (ITS) improvements for this project include the following:
  - Construction of Fiber optic/Ethernet interconnect (along Stearns Road) from Randall Road to IL 25 (Stearns Road)
  - Communication system upgrades (from serial to Ethernet communications) of existing fiber optic interconnect system (along Stearns Road/IL 25) from Stearns Road & IL 25 /Stearns Road intersection to the IL 25/Dunham Road & IL 25/Stearns Road intersection.
  - Roadway Weather Information Systems (RWIS)
  - Driver Feedback Speed display signs
  - CCTV Roadway Monitoring Camera Systems
  - Dynamic Message Signs (DMS)\*
  - Advance Travel Information Systems (ATIS)\*
3. The proposed improvements have an estimated cost of 1.8 million dollars and are funded largely with Congestion Mitigation & Air Quality (CMAQ) funds. The work is anticipated to be completed over two construction seasons with an anticipated start in late summer of 2014.
4. Major utility relocation is not expected to be a variable in this project, due to the recent construction of Stearns Road. The rapid and accurate relocation of any conflicting utilities discovered in the field will be critical to the successful completion of the project within the given time parameters. However, the east end of the project ( IL 25) will be reconstructed by others over the 2014-2015 construction seasons, for which coordination will need to occur with the other contract.
5. Restoration and landscaping within the project limits have not been identified but will be sensitive due to the nature of this corridor.
6. Project water management features are not a major component of the project.

7. The project will allow two-way traffic through the various construction zones and will require lane closures for construction. While restrictions involving the timing and duration of the traffic control for staging operations are not currently specified in the Special Provisions, it is not uncommon to require organized coordination of lane closures with KDOT, and the surrounding local Municipalities and Agencies affected by the construction.
8. Major construction challenges involve material procurement schedules, establishment of a safe work zone on a high speed rural corridor of extended length; compressed construction schedule, consideration of acquiring a staging area, intelligent maintenance of traffic, constant communication and coordination of project logistics with KDOT.
9. Superlative corridor and project coordination and communication with the Kane County Division of Transportation, as well as the local municipalities will be a major factor in the ultimate success of this project as viewed by the constant presence of motoring public. Adaptive and organized time and project management skills and aggressive cost control will be a key component in the successful completion as viewed by the agencies involved.
11. Any additional details should be referenced in an attached preliminary plan set.