

2015 QBS
Request for Statement of Interest (SOI)

ALLEN ROAD OVER HAMPSHIRE CREEK IMPROVEMENT
Section Number 11-00132-01-BR

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

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 observation services required.

At this time the County anticipates starting this work in May of 2016 with completion by mid-August prior to the resumption of school on August 20, 2016.

The Statement of Interest shall be submitted electronically via **KDOT QBS no later than 2:00 pm on June 19, 2015** and should be addressed to David Boesch, Chief of Construction.

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. Click on the link labeled "Request for Consultant Services", then click on the link labeled "Summary Table".

Firms interested in providing services to Kane County are hereby notified of their required compliance with Kane County's Ethic 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/Documents/Department%20of%20Human%20Resources%20Management/Ethics%20Ordinance.pdf>. Firms shall provide required Ethic Ordinance information directly to the Kane County Division of Transportation.

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.

I. PROJECT DESCRIPTION

The Kane County Division of Transportation (KDOT) approved the attached Preliminary set of plans for the aforementioned improvement dated 5-29-2015 and prepared by the consulting firm of WBK.

A brief outline of the project scope to assist you in your submittal is as follows:

1. The Allen Road over Hampshire Creek Improvement will replace an existing single span reinforced concrete slab structure with a new cast in place box culvert structure. Other project features include roadway removal and replacement, embankment and ditch reconstruction, sheet piling walls, under drains, guardrail, HMA pavement, striping, restoration and other misc. items to complete the project. The improvement has a total length of 2080 feet and is located within a low to medium volume traffic corridor between Walker and Harmony Roads, in Hampshire Township. Traffic volumes on Allen Road average around 3000 ADT and fluctuate throughout the day. The proposed bridge replacement project has an expected duration of approximately 2.5 to 3 months and an expected completion within one construction season. The bridge work will be completed utilizing a closed road and posted detour route plan. There are local businesses, residential subdivisions, and farming facilities located near the project corridor and the area is, at times, heavily traveled by both commercial and private trucks and automobiles traveling to the surrounding communities. Access points to farmers' fields affected by the construction are to remain accessible during the project.
2. Due to the nature of the new roadway elevation and geometrics, attention will need to be focused on soil mechanics, proper use and distribution of any suitable soil on the project site in order to contain and control project cost. These efforts will have to be carefully coordinated with the contractor during excavation activities.
3. Utility relocations will be required prior to construction as shown on the plans. Any adjustments or relocation of these utilities may require ongoing co-ordination between the prime contractor, multiple sub-contractors, utilities and Local Agencies to modify the new services efficiently. 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.
4. Restoration and landscaping within the project limits are shown as 3.5 acres of seed and 2.3 acres of mulch and involve various seed mixes as per plan.
5. Project site dewatering, water and drainage management measures will be required as per the plans and site conditions. Any field tile encountered during the project is to be carefully mapped on the plans and care is to be taken not to damage or impede the flow.
6. Traffic control will involve establishment and maintenance of the approved detour route which uses IL Rte. 72, Walker Rd and State St as alternates, as well as any other temporary measures required per the plans or field conditions.
7. Major construction challenges involve a high degree of sensitivity to operations of local businesses adjacent to and impacted by the project, careful demolition of an old deck and

substructure, complying with any specified weight limits, working with a compressed construction schedule, water/construction run off management, intelligent and vigilant maintenance of traffic, constant communication and coordination of project logistics with KDOT and IDOT.

8. As many pay items include incidental work, exceptional documentation, site and adaptive project management practices will be expected by the consultant. Daily communication with KDOT/IDOT, relevant to current project issues, along with aggressive cost monitoring and control will have major impacts on the project and will key in the ultimate success as viewed by the various Agencies involved.
9. The setting of 14 ROW and 1 survey marker will be required per plan. The old survey marker is to be carefully removed and returned to the County Chief of Construction.
10. A monitoring gauge on the existing structure will be removed, protected and reset on the new structure per plan. Any damage to the existing gauge will require the contractor to replace the gauge in kind or better at no cost to the County.
11. Funding for the project will may involve Local and Federal sources with inspection and documentation as per IDOT Standard Specifications for Road and Bridge Construction. Any additional details should be referenced in an attached preliminary plan set.
12. The Engineering Services Agreement will be completed using form BLR 05611 and the consultant will be responsible for completion and submittal of all NOI and NOT documents as well as ensuring compliance of any NPDES permits for the project.
13. The consultant shall provide professionally scanned copies of all "AS BUILT" plans, as well as the entire IDOT approved project job box, in PDF format as part of the engineering services for the project. Copies of all photos taken by the RE and staff in JPEG, DGN or TIFF format shall also be included in the final documents. These documents may be submitted on dedicated hard drives, flash drives or CDs, intended for archiving of important documents, depending on the file sizes.