

2017 QBS
Request for Statement of Interest (SOI)

LONGMEADOW PARKWAY
ROADWAY WIDENING AND RECONSTRUCTION IMPROVEMENT
Section Number 16-00215-11-PV

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 early to mid-2018 with approximately 18 months to complete the work.

The Statement of Interest shall be submitted electronically via **KDOT QBS** no later than 2:00 pm on June 30, 2017 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.

The short-listed firms will be posted on our Consultant Selection Summary Table at <http://www.co.kane.il.us/dot/SOISummary.aspx> .

Firms interested in providing services to Kane County are hereby notified of the Kane County's Ethic Ordinance No. 10-206, in particular, Section 10, page 15. Only the firm that is ultimately selected for those professional services will be required to provide the required Ethic Ordinance information directly to the Kane County Division of Transportation as part of the consultant services agreement. The complete Ethics Ordinance no. 10-206 document is available on line at the following link, [Kane County Ethics Ordinance](#).

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 for more information on this project.

I. PROJECT BRIEF

1. The Kane County Division of Transportation (KDOT) has approved the attached Pre-Final set of plans for the Longmeadow Parkway Roadway Widening and Reconstruction Improvement dated 04-26-2017 and prepared by the consulting firms of Bollinger Lach and Associates, Inc. and TranSystems.
2. A very brief outline of the project scope, intended to pique your interest and encourage you to carefully examine the plans and become familiar with the project, is as follows:
3. The Longmeadow Parkway Roadway Widening and Reconstruction Improvement has a total project length of 12,394.93 feet or 2.35 miles and is located in unincorporated Kane County. The project is located within a heavy to medium volume traffic corridor bounded by Illinois Route 31 with daily traffic counts that approach or exceed 17,000 ADT. Local businesses are 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 of Huntley, Carpentersville, West Dundee and Algonquin. All driveways impacted by the project are to remain accessible, at all times, during construction of the project.
4. The New Construction improvement has an anticipated duration of approximately 18 months and the majority of the work will be constructed as a new roadway in an open field environment with the exception of the IL. Rte. 31 work which will be constructed under medium to heavy traffic. Based on the scope of work, expected start date and anticipated potential lead time for materials, the project will be completed over two construction seasons, as referenced in the specifications, with an anticipated start of early to mid-2018.
5. The improvement will involve, at a minimum, approximately 1.21 mile of new roadway and embankment construction, 725,820 CY of earth excavation, 33,716 CY of Unsuitable Excavation, 85,734 CY of Furnish and Place Topsoil, 86,681 SY of Aggregate Subgrade Improvement, 2,444 tons of HMA N50 Surface, 3,212 tons of HMA Binder Poly N90, 2,861 tons of Surface Poly N90, 40,085 SY of PCC 10" Jointed Pavement, approximately 13,000 feet of various lengths of 12" to 60" storm sewer pipe with 70 CB and 57 MH, 45 Inlet structures, 950 feet of precast box culvert 6 ft. x 4 ft., 24,815 SF of Mech. Stab. Earth Ret. Wall, 25,160 SF Form Liner Texturized Surface, 1172 Trees, 97 Shrubs and 40 Evergreens, 3,205 CF Of Drill and Set Soldier Piles, 23,000 feet of new Curb and Gutter, Temporary and Permanent Pavement Marking, 30,000 feet of various steel conduit, as well as Sensors, Controllers, Hand Holes, Signal Heads, Poles, Mast Arms and all other accessories associated with a project of this type and scope.
6. Relocations of existing utilities may be referenced in the plans and specifications. Any proposed relocated utilities will require ongoing coordination between the prime contractor, multiple sub-contractors and utility companies to relocate new services efficiently. The rapid and accurate relocation of these utilities is critical to the successful completion of the project within the given time parameters.
7. Restoration and landscaping within the project limits is commiserate with a project of this size, involving in excess of 84 acres of seeding and planting of 1,172 new trees, 97 shrubs and 40 evergreens.

8. The project design proposes staging for the construction at various points of the work. This project will impact the surrounding businesses and community requiring organized coordination with KDOT and the surrounding local Villages affected by the work.
9. Construction challenges for the project may be determined by a careful review of the plans and specifications. If time and opportunity permits, a site visit may be beneficial in the evaluation of project challenges as well as lend a better understanding of the proposed project.
10. 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.
11. 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.
12. The County would like to capture progress photos from an aerial perspective throughout the project, generally on a weekly basis, during moderate to busy construction activity. The consultant will provide a proposal for such services using an experienced, insured and licensed drone consultant. The consultant shall use licensed pilots per FAA guidelines and possess a valid 333 exemption or equivalent, if regulations have been revised. All FAA rules for flight, air clearance and documentation shall be strictly adhered to. Drones used for documentation must be capable of, at a minimum, 4K video with 12 MP JPEG and 23 MP DGN still image capture. The drone crew will consist of a certified pilot and spotter, at a minimum, during drone operations. FPV monitoring of the drone will be via tablet or computer. Use of FPV goggles will not be allowed. All drone flights and activity will be coordinated with the Division of Transportation's Chief of Construction. Upon occasion, video or photos may be required on short notice. The proposal shall provide provisions for such events. Photos and video submitted to the County shall be of the highest grade and resolution and presented in a professional format for use in presentations and publications. All footage and photos taken during flights will become the property of the County of Kane and will be surrendered in their original and modified formats upon completion of the contract.
13. The consultant shall provide professionally scanned copies of all "AS BUILT" plans, as well as the entire project job box, in both PDF and as an updated and amended Micro Station design file format as part of the engineering services for the project. Copies of all photos taken by the RE and staff in JPEG 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.