

Request for Statement of Interest (SOI) 2011 & 2012 Traffic Data Collection

The Kane County Division of Transportation is in need of professional services from a qualified engineering firm to perform Traffic Data Collection services.

The attached *Preliminary Scope of Services* provides in detail anticipated items that are necessary as part of the desired services.

At this time, the County anticipates the duration of services to begin June 1, 2011 and continue through completion on September 30, 2012.

The Statement of Interest shall be submitted **VIA EMAIL** no later than **4:00 P.M. on March 15, 2011** and should be addressed to **Thomas F. Szabo, Traffic Manager**. Mr. Szabo's email address is: szabotom@co.kane.il.us.

Statements of Interest received will be used by County Traffic 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 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. An email response will provide you with a receipt verifying that we received your submittal. If you do not receive this verification please contact Thomas Szabo, Traffic Manager 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. 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

It is anticipated that the consultant will be requested to collect and provide traffic data for the 2011 and 2012 seasons as follows:

2011

Approximately one hundred and seventy-five (175) segment locations on 2-lane roadways, thirty-five (35) segment locations on 4-lane roadways and ten (10) intersections. These locations will be located predominantly on Kane County Highways. The traffic data collected will have the following characteristics:

- Performed with *Nu-Metrics HI-STAR, NC-97* portable traffic analyzers or approved equivalent.
- Performed on a representative weekday (Tuesday, Wednesday or Thursday of a typical work week)
- Performed on a representative weekend day (Saturday or Sunday of a typical week)
- Holidays are to be excluded
- Speed results shall be provided
- Vehicle classification count results shall be provided
- Average annual daily traffic counts (AADTs) shall be calculated and provided by using IDOT's seasonal adjustment factors.
- All counts in the initial bulk list shall be completed by **August 31, 2011**.
- Perform on an on-call basis up to an additional ten (10) segment locations on 2-lane highways and ten (10) segment locations on 4-lane highways.
- Performed in the directions approaching the intersection only unless otherwise requested by the County (for intersection count locations only).
- The placement and retrieval of all traffic analyzers shall be performed at such times to minimize disruption/delay to existing traffic.
- The placement and retrieval of all traffic analyzers shall be performed by use of appropriate and approved traffic control methods and devices to insure optimum safety for passing motorists and consultant personnel.

2012

Approximately one hundred and seventy-five (175) segment locations on 2-lane roadways, forty-five (45) segment locations on 4-lane roadways and ten (10) intersections. These locations will be located predominantly on Kane County Township Road District and State Highways. The traffic data collected will have the following characteristics:

- Performed with *Nu-Metrics HI-STAR, NC-97* portable traffic analyzers or approved equivalent.
- Performed on a representative weekday (Tuesday, Wednesday or Thursday of a typical work week)
- Performed on a representative weekend day (Saturday or Sunday of a typical week)
- Holidays are to be excluded
- Speed results shall be provided
- Vehicle classification count results shall be provided

- Average annual daily traffic counts (AADTs) shall be calculated and provided by using IDOT's seasonal adjustment factors.
- All counts in the initial bulk list shall be completed by **June 30, 2012**.
- Perform on an on-call basis up to an additional ten (10) segment locations on 2-lane highways and ten (10) segment locations on 4-lane highways.
- Performed in the directions approaching the intersection only unless otherwise requested by the County (for intersection count locations only).
- The placement and retrieval of all traffic analyzers shall be performed at such times to minimize disruption/delay to existing traffic.
- The placement and retrieval of all traffic analyzers shall be performed by use of appropriate and approved traffic control methods and devices to insure optimum safety for passing motorists and consultant personnel.

DELIVERABLES

All of the count information shall be provided electronically on CD to the Kane County Division of Transportation in the following formats:

- Electronic shape file format (ArcView Version 10)
- Project maps as follows:
 - AADT locations
 - Speed locations
 - Truck percentages
 - Congestion levels

QUALIFICATIONS

Interested consultants should possess competency in the following areas:

- General traffic engineering practices. A project manager that possesses certification as an ITE Professional Traffic Operations Engineer (PTOE) is desirable.
- Pre-qualified for Traffic Studies with IDOT, District/Region One
- Proficiency with standards and procedures set forth in the *AASHTO Guidelines for Traffic Data Programs*.
- Proficiency in standard work zone traffic control practices and procedures, and possess certification from a recognized highway safety organization such as the Illinois Technology Transfer Center Training Program (T2), the American Traffic Safety Services Association (ATSSA) or the International Municipal Signal Association (IMSA).
- Placement and operation of *Nu-Metrics HI-STAR, NC-97* portable traffic analyzers.
- Proficiency with ESRI's ArcGIS software - product ArcMap Version 10.

PROJECT DURATION

Contract duration shall begin upon the receipt of the notice to proceed from the County to the Consultant and continue through completion, which is anticipated from **June 1, 2011** through **September 30, 2012**.