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**City of Elmhurst
Statement of Interest (SOI)
Railroad Crossing Traffic Signal Interconnect
Improvements – Phase I/II/III Services**

The City of Elmhurst is seeking professional services from a qualified engineering firm to provide Phase I/II/III Services for the railroad crossings located at St. Charles Road / Chicago Central / Pacific Railroad and Addison Avenue / Cottage Hill Avenue / Union Pacific Railroad Crossing. The qualified firm should be IDOT prequalified in Highways - Roads and Streets, Special Studies - Safety, Special Studies - Traffic Signals, should have ability and experience in traffic signal and railroad interconnect design, and provide staff that has experience in signal coordination and timing.

The SOI shall be submitted electronically to Kent Johnson (kent.johnson@elmhurst.org) no later than 4:00 pm on September 27th, 2019. The electronic submittal should have the following subject line:

**Statement of Interest – Railroad Crossing Traffic Signal Interconnect
Improvements – Phase I/II/III Services**

All questions shall be submitted electronically to Kent Johnson on or before **4:00 pm on September 20th, 2019**. A response to all questions received will be posted on the City's website.

Project Information:

St. Charles Road / Chicago Central / Pacific RR Crossing - The proposed project involves traffic signal interconnection at the existing St. Charles Road and Chicago Central and Pacific Railroad (CCPRR) crossing. The project is to upgrade the St. Charles Road at Berkley Avenue/Hawthorne Avenue traffic signal controller and cabinet, along with the addition of an interconnect to the railroad warning signals at this intersection. Specifically, a new controller and cabinet with an uninterruptable power supply and additional security features, as well as LED turn restriction signs, will be provided.

Addison Avenue / Cottage Hill Avenue / Union Pacific Railroad Crossing - The proposed project involves traffic signal interconnection at the existing Addison Avenue/Cottage Hill Avenue at First Street Union Pacific Railroad (UPRR) Crossing. The project is to upgrade the Addison Avenue/Cottage Hill at First Street traffic signal controller and cabinet, along with the interconnection to the railroad warning signals at this intersection. Specifically, a new controller and cabinet with an uninterruptable power supply and additional security features, as well as LED turn restriction signs, will be provided.

Scope of Services:

The engineering scope of services for both project locations should include but not limited to the following items:

- Conduct a topographic survey sufficient to prepare traffic signal interconnect plans.
- Obtain soil borings and a geotechnical report for the project location.
- Coordinate with the appropriate agencies throughout the design process.
- Phase I tasks as required for Design Approval.
- Prepare the traffic signal / railroad signal interconnect plans and revise upon subsequent reviews.
- Construction inspection in accordance with IDOT requirements.

Engineering is expected to begin in the fall of 2019 with a construction beginning in 2020.

SOI Submittal Requirements:

The following information shall be included to help the City of Elmhurst select consultant(s) for the above referenced project(s).

1. Name, contact person, address, and brief history of firm.
2. Project(s) that the firm is submitting the SOI for.
3. Name and key information of the Project Manager and/or Key Personnel to be assigned to this project.
4. Related experience during the last five years by the proposed Project Manager and/or Key Personnel.
5. Project Understanding and Critical Project Components.
6. Information that would differentiate your firm from others.
7. Completed [BDE DISC 2 – Conflict of Interest Form](#)

The SOI shall be no more than four (4) pages total, not including the BDE DISC 2 Form.

The City of Elmhurst does not intend to conduct interviews as part of the SOI for this project.

Ranking and Selection Information:

It is the intent of the City of Elmhurst to select one consulting engineering firm for each project or one consulting engineering firm for both projects. Depending on the SOI's received, the City may select based on the written submittal or may decide to conduct interviews. Once a firm(s) is selected, the City will enter into contract negotiations with the top ranked firm(s). If an agreement cannot be reached with the top ranked firm(s), the City will start negotiations with the next highest ranked firm(s). For more information on Elmhurst's Qualification Based Selection (QBS) process, please see our "[Qualification Based Selection Policy and Procedure](#)" document.

Consulting firm ranking will be based on the following criteria:

- (30%) - Technical Approach
- (20%) - Firm Experience
- (20%) - Staff Capabilities
- (20%) - Work Load Capacity
- (10%) - Local Presence