

KNIGHT

Engineers & Architects

April 2, 2014

Mr. Matthew Gallager, P.E.
City Traffic Engineer
City of La Crosse
400 La Crosse Street
La Crosse, WI 54601

Re: Losey Boulevard/Green Bay Street Intersection Traffic Signal Replacement Plan

Dear Matt:

Knight E/A, Inc. is pleased to submit this proposal for engineering services related to the traffic signal modernization for the intersection of Losey Boulevard and Green Bay Street in the City of LaCrosse. If you find this proposal to be acceptable, the executed copies of this letter, together with the General Terms and Conditions and Project Billing Rates attached hereto which set forth the contractual elements of this agreement, will constitute an agreement between The City of Lacrosse ("Client") and Knight E/A, Inc. ("Knight") for services on this project.

Project Understanding

Knight understands the Client is planning to remove an existing traffic signal and reinstall a new traffic signal at the intersection of Losey Boulevard and Green Bay Street. The City of LaCrosse would like to upgrade the subject traffic signal and interconnect it to the existing traffic signal at Losey Boulevard / State Highway 33 in accordance with the recommendations set forth by the 2013 Intersection Traffic Study. The new traffic signal will still require emergency vehicle preemption to the nearby fire station. Additionally, Knight understands that the City of LaCrosse will be bidding and administering the construction contract for the installation of the new traffic signal.

Scope of Services

Knight proposes to perform the following services:

1. Coordination
 - a. Attend meetings with client as required.
 - b. Provide written response to client review comments.
2. Data Collection
 - a. Field measurements to locate existing signal equipment and above ground utilities.
 - b. Field verify that there are no conflicts with existing above ground utilities. Underground utilities will be based on atlas data only and no underground investigations will be performed.

KNIGHT

- c. Obtain existing utility atlases and information and include the information on the plans.
 - d. Obtain City Utility Atlases.
 - e. Obtain As-Built Drawings of the traffic signals at Losey Boulevard/Green Bay Street and Losey Boulevard/State Highway 33.
3. Prepare plans and specification for the installation of the new traffic signal at Losey Boulevard and Green Bay Street as follows:
- a. Prepare traffic signal plans and specifications in accordance with the City of LaCrosse Traffic Signal standards and specifications. Signal design will include a proposed interconnect to the existing traffic signal at Losey Boulevard / State Highway 33.
 - b. Format plans and specifications in accordance with City of LaCrosse standards for bidding and construction.
 - c. Investigate and research GridSmart by Aldis for vehicle detection instead of conventional inductive loops and/or conventional video detection cameras. Verify that the GridSmart detection system will operate as designed and provide adequate vehicle detection given the existing site conditions.
 - d. Submit 2 sets of draft construction documents with electronic version (PDF). Submit 2 sets of final construction documents with electronic version (PDF).

Exclusions:

The following items are not included in Knight's Scope of Services:

- Traffic counts and/or traffic analysis.
- Design of private and public utility relocations.
- Topographic Survey.
- Roadway Lighting.
- Underground utility investigations.
- Construction Phase Services.
- Services related to obtaining any required right of way and/or temporary or permanent easements required for the installation of the new traffic signal.
- Geotechnical Investigations.
- All permit fees.
- Bidding assistance.
- Material testing during construction.

Compensation

Knight proposes to complete this work for a lump sum fee of \$16,700.00.

KNIGHT

Schedule

Knight proposes to complete the draft signal plans and documents by October 1, 2014. Knight proposes to complete the final signal plan and documents by February 1, 2015.

Terms and Conditions

This proposal, together with Attachment A - General Terms and Conditions, represents the entire understanding between Client and Knight. If the terms of this agreement are found to be satisfactory, please sign this agreement in duplicate in the space provided and return one fully executed original to our office.

We appreciate the opportunity to present this proposal and look forward to working with you on this project.

Sincerely,


KNIGHT E/A, INC.



Randy Byom, P.E.
Vice President

4/8/14
Date

City of La Crosse



Matthew Gallager, P.E.
City Traffic Engineer

4/8/14
Date

Attachment