



September 10, 2018

Mr. Richard Rittenbacher
Village of Orland Park
Public Works Department
15655 Ravinia Avenue
Orland Park, IL 60462

VIA Email: RRittenbacher@orlandpark.org

Re: Additional Services Request
Harlem Avenue – From 159th Street to 151st Street
Street Light Maintenance Project
Purchase Order No. 17-002759

Dear Mr. Rittenbacher:

This letter shall serve as a request for a change in our original agreement for services dated May 19, 2017 (Exhibit B to the Master Agreement dated March 20, 2014). We are requesting additional professional services for the street lighting scope to include the replacement of the existing street light fixtures to LED.

SCOPE OF SERVICES

The project limits include Harlem Avenue from 159th Street to 151st Street. The original scope of work included replacing the wiring for the street lights, replacing the street lighting controller, adding weatherproof receptacles and associated wiring, and providing the project data in a GIS format compatible with the Village's GIS system. There are a total of 43 street lights within the project limits.

It is our understanding that in 2019, the Village will be implementing their street light LED replacement program on the state maintained roadways within the Village. As part of that program, the Village intends to replace the existing street light fixtures on Harlem Avenue. The Village is requesting that the replacement of these street light fixtures to LED fixtures now be permitted and included in this project.

A photometric analysis report following IDOT District One Permit Requirements for street lighting is required. The intent with the LED light fixture replacement is to keep all existing light poles without adding any additional light poles to meet IDOT requirements. Please note though that IDOT may require additional light poles to satisfy photometric requirements. Additionally, the intent with the replacement of the street light fixtures will be to avoid the need for temporary lighting. Adding light poles to the project in order to meet photometric requirements and preparing temporary lighting plans is not included in this request and will be considered additional services.

The following provides the tasks associated with this request.

1. The LED light fixture provided by the Village is the GE Evolve roadway lighting fixture. The photometric analysis will be based on this fixture. It is anticipated that the lighting

levels will meet the minimum levels per IDOT. Obtaining a variance for lighting levels is not part of this request.

2. Perform a photometric analysis of the street pavement using the existing and new LED light fixtures to compare existing to future lighting conditions. Prepare a photometric report per IDOT requirements.
3. Reevaluate the voltage drop calculations initially prepared for the project. Prepare voltage drop calculations for the new LED fixtures. Recalculate conduit and wire size.
4. The Phase II engineering plans will be modified to include the LED fixtures.
5. The special provisions and cost estimate will include the LED fixtures.
6. The photometric report will be submitted to IDOT with the plans for review. The report will be revised one time based on review comments.

COMPENSATION – ADDITIONAL SERVICES

For this additional services request, V3 shall be paid a lump sum fee of \$6,000. The total value of the contract will increase from \$26,000 to \$32,000.

MISCELLANEOUS CONTRACTUAL ITEMS

If the terms of this additional services request are found to be satisfactory, please sign this request to indicate your acceptance and return one signed copy to our office.

Sincerely,
V3 Companies of Illinois, Ltd.



Michael J. Rechterik, P.E., PTOE
Senior Project Manager



Vincent J. Del Medico, P.E.
Director of Transportation & Municipal
Engineering

Accepted for:
VILLAGE OF ORLAND PARK

BY: _____

TITLE: _____

DATE: _____

