



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 17, 2018

CIRCULAR LETTER 2018-10

SMART STREET LIGHTING

COUNTY ENGINEERS / SUPERINTENDENTS OF HIGHWAYS
MUNICIPAL ENGINEERS / DIRECTORS OF PUBLIC WORKS / MAYORS
METROPOLITAN PLANNING ORGANIZATIONS – DIRECTORS
TOWNSHIP HIGHWAY COMMISSIONERS
CONSULTING ENGINEERS

Illinois' Department of Innovation and Technology (DoIT) has worked with IDOT, local agencies, the Illinois Commerce Commission, the University of Illinois and other stakeholders to develop contracts to help local public agencies facilitate upgrade to Smart Street Lights and provide a foundation for the implementation of value added Smart City services. A RFP for turnkey services for street light upgrades to light emitting diode (LED) luminaires with implementation and financing options, luminaires, and adaptive control systems was issued by CMS in consultation with DoIT. It was decided to award to three vendors: primary, secondary and tertiary. The intent is for local agencies to first look to the primary vendor to have their requirements met. If the primary vendor is not able to meet the requirements, the agency can look to the secondary vendor, and then to the tertiary vendor. The contracts are available [here](#).

DoIT is holding a free Smart Street Lighting workshop to provide local agencies and consultants with information on the program. The workshop is being held on August 15th, from 1:00 pm to 5:30pm at Illinois Medical District, 2100 West Harrison Street, Chicago, IL. The workshop is targeted to Illinois municipalities, governmental entities and consultants. The agenda for the workshop is:

Agenda:

- 1:00 - Welcome and Introductions
- 1:10 - Overview and Use of the state master contracts.
- 1:30 - Panel #1 (vendors: Johnson Controls, Globetrotters Engineering, TEN Connected)
- 2:30 - Break
- 2:45 - Speaker (ComEd/Ameren Incentives for Municipal Owned Street Lights)
- 3:15 - Panel #2 (Case studies)
- 4:15 - Break
- 4:25 - Speaker/Panel – Smart Applications
- 4:55 - Wrap Up
- 5:00 - Refreshments/Networking with state master contract vendors and ComEd/Ameren
- 5:30 - Close

[CLICK HERE TO REGISTER FOR THE WORKSHOP](#)

As stated in Circular Letter 2015-05, the installation of roadway lighting on a state route requires department approval in accordance with BDE Manual 56-3.05(a). When local public agencies are replacing existing roadway lighting with light emitting diode (LED) roadway luminaires a review by the department of all proposed roadway lighting projects to convert from traditional light sources such as high-pressure sodium (HPS) or metal halide (MH) to LED is required when impacting a state route. The review is necessary to ensure the proposed LED roadway lighting meets state roadway lighting guidelines as outlined in the BDE Manual, Chapter 56. Local public agency lighting project plans are to be forwarded to the districts for review in accordance with BLRS Manual 11-2.01(c). Roadway lighting installed along state routes by permit shall be re-permitted for the new LED light source. Documents submitted for review shall consist of a complete information package in accordance with BDE Manual 56-4.03, which includes detailed information for the proposed LED fixture and a lighting design in AGi32 format.

If you have any questions regarding this circular letter, please contact Tim Peters Local Policy and Technology Engineer at (217) 785-5048 or DOT.LocalPolicy@illinois.gov

Sincerely,



Maureen E. Kastl, P.E.
Engineer of Local Roads and Streets

TP
Attachment

cc: David Marth, Illinois Association of County Engineers
Greg Willis, Illinois Municipal League
Bryan Smith, Township Officials of Illinois
Charlie Montgomery, Township Highway Commissioners of Illinois



Smart Street Lighting Workshop

Roadmap for a Smarter Illinois!

The Illinois Department of Innovation and Technology (DoIT) will host a free workshop for municipalities interested in conversion to money-and-energy-saving LED street lights.

After upgrading to LED street lights, municipalities typically see cost savings of greater than 50% due to the decreased energy usage of LED street lights versus old style lights (high pressure sodium, mercury vapor, metal halide). In addition, networked street lights, with each light connected via a data communications path, allows central control and enables "Smart" applications to be incorporated.

When:

Wednesday, August 15, 2018
1:00 PM to 5:30 PM CDT

Where:

Illinois Medical District
2100 West Harrison Street
Chicago, IL 60612

Reserve Your Spot Today!

[Click here to register](#)

The workshop will provide information about the [Illinois Smart Street Lighting master contract program](#). State master contract vendors, Johnson Controls, Globetrotters Engineering and TEN Connected Solutions will present. ComEd and Ameren will also be available to explain available incentives.

Questions regarding the workshop should be directed to Essam.El-Beik@illinois.gov.