



Light Up Illinois! Smart Street Lighting for Illinois Municipalities



The State of Illinois issued a Request for Proposal (RFP) for Smart Street Lighting to establish a state master contract with vendors to facilitate municipal upgrade of street lights to LED based lighting and provide the foundation for Smart City infrastructure. Turnkey services and financing options were also included with the RFP.

Energy Savings

- ◆ The electric power required to provide the same light level as old style lights is less, resulting in typical energy savings of 50% or more.

Reduced Maintenance & Costs

- ◆ LED Street Lights require less maintenance and have longer lifespans. Maintenance alerts can be provided in real time with adaptive controls on LED lighting.

Foundation for Smart City Infrastructure

- ◆ A networked lighting infrastructure, supporting data communication, is a foundation for additional Smart City applications, offering further quality of life improvement to the community and revenue generating potential to the municipality.

Higher Quality Controllable Light

- ◆ LED lighting provides a more uniform light i.e. less light variation when compared to old style lights. LED lighting can also be better directed to where it is needed, resulting in reduced light waste and reduced light pollution in the night sky.
- ◆ Adaptive controls enable real time control of lighting levels, based on external factors. For example, lights can be dimmed to 50% of their normal level with no traffic on the road. This light optimization provides further energy savings. Adaptive controls can also assist in public safety and emergency management. For example, lights could be remotely set to maximum brightness for emergency services personnel in the area.

Value Add Services

