Cape Light Compact - Municipal LED Street Light Project
FAQs for Town DPW, Fire District and all Project Lead Contacts

1. **How do we handle the extension of the current Operations & Maintenance (O&M) contract into 2014 with the transition for HPS to LED?**

   Answer: The new O&M contract will take effect on January 1, 2014 and will include pricing & services for the existing HPS fixtures and will transition to the new lower pricing for the LED fixtures effective the first full month after installation is completed in each community or fire district.

2. **If the lights come with a 10-year warranty, why do we pay anything for O&M?**

   Answer: Please see the table below to explain how the various contract items are shared by the Compact and its member communities. The 10-year warranty is a product warranty only; it does not cover the labor cost associated with removing a failed fixture, shipping to/from manufacturer, and installing a replacement fixture. The estimated costs are approximately 25-30% of current costs and provide a low-cost insurance policy against premature failures which must be repaired at no additional expense. The warranty includes the contractor's 24/7 call center/online portal, monthly administrative costs, and on-call electricians/equipment available on a 24/7 basis should an emergency response be required.

Project Task	Funded by	Contract
Audit of existing fixtures	Cape Light Compact	Investment Grade Audit (IGA)
Design of new LED system	Cape Light Compact	Energy Management Services (EMS)
Supply & install new LED fixtures	Cape Light Compact	Energy Management Services (EMS)
Make adjustments as requested within 60 days post completion	Cape Light Compact	Energy Management Services (EMS)
Repair outages, day burners	Member communities	Operations & Maintenance (O&M)
Emergency repairs due to vehicle or weather damage	Member communities	Operations & Maintenance (O&M)
Pole transfers	Member communities	Operations & Maintenance (O&M)
Police details	Member communities	Operations & Maintenance (O&M)
Electrical troubleshooting, misc. work as requested, addition, removal, or modification of LED fixtures	Member communities	Operations & Maintenance (O&M)

3. **How will you work with NSTAR to resolve discrepancies if you find lights that are not on the inventory list, or conversely, lights are on the inventory list but not found during the field audit?**

   Answer: Siemens has successfully worked with other NSTAR communities to reconcile the billing inventory with the audit and will do the same for this project. Lights found in the audit but not in the billing inventory will be added to the billing inventory with associated charges to begin in the following billing cycle. Lights on the billing inventory but not found in the audit will either be removed from the billing inventory or newly installed, per the decision of the member community. A list of pole locations will be provided, so that nighttime site visits can be conducted by the member community, if desired.

4. **Can you include the Phase II (those participants who are going through the purchase process now) in the schedule of installations to be done by June 2014?**

   Answer: The timeframe to complete the purchase of street lights for Phase II participants from NSTAR Electric currently, puts the conversion to LED work for those towns in the September-December, 2014 timeframe. However, the Contractor will make every effort to include the conversion to LEDs sooner if possible.

5. **Can a Town get their old HPS lights and put them out for auction/sale as surplus property?**

   Answer: The incentives available from the Compact for this project require the old HPS lights be permanently removed from service and disposed of properly by the Contractor due to certain mercury containing contents. If any Town wants to put their fixtures out for auction/sale as surplus property the Compact will require the Town certify that the purchaser will not repurpose or reuse (i.e., the fixtures can not be put back into operation) in full compliance with the above conditions and accept responsibility to provide documentation of proper disposal.

IMPORTANT NOTE: in the event the Town chooses to take possession of the removed HPS fixtures, the Town will be fully responsible for ALL removed HPS fixtures (meaning partials will not be accepted) as well as legally disposal of all material (hazardous or non-hazardous) in accordance with all local, state and federal regulations. Also, Contractor will remove and stack the fixtures to Contractors' staging area for the Town to retrieve within 10 calendar days of completion of conversion of all fixtures to LED in the Town.

6. **If the O&M contract covers labor for the warranty and non-warranty items, what will happen after the 5-year O&M contract term?**

   Answer: The Participating Municipalities can procure the O&M services themselves at that time or can participate in a group procurement by the Compact on their behalf, if it is desired and offered at that time.

7. **What will be the billing frequency for the new O&M contract?**

   Answer: Monthly billing is proposed for the fixed per fixture O&M fee. Jeff Taylor, Service Account Member with Siemens, will be the service manager for the Cape communities post installation.

8. **Will the GIS mapping output provided to the towns and fire districts include the old fixture info and the new LED fixture info?**

   Yes, Siemens is mapping the existing fixture locations as part of this project and linking this data to the NSTAR billing inventory. The LED fixture information will be included with the data as part of the installation. This task is necessary to calculate the energy savings associated with the project, per the Compact's reporting requirements.

9. **Will there be an online outage reporting tool?**

   Answer: Yes, Siemens will be providing an online reporting tool.

10. **What will the crew size, number of crews and typical installation rate per day be?**

Answer: Approximately 4-6 crews (1 man per crew) working concurrently. Approximately 25-35 fixtures/crew/day based on final fixture selection. Crews typically work 4-day work weeks.

11. Private light issues, for example: (1) condo complex, (2) town private ways (3) utility lights and other metered lights or floods?

Answer: The Municipal LED Street Light Project includes all fixtures on an S-2 Street Lighting electric bill. The Compact supports all cost-effective energy efficiency efforts and will consider providing incentives for metered dusk to dawn publicly-owned and/or privately-owned outdoor lighting on a case-by-case basis and customers should contact the Compact. Customers should have their electric bill for the lights available and call the Compact energy efficiency staff at 800-797-6699 to review available incentives and eligible fixtures for these additional street lights.

12. What will happen to the LED fixtures installed through the demonstration project?

Answer: The demonstration LED fixtures will stay in place and be covered by warranty and the O&M contract, unless noted in the Special Terms and Conditions or as may be recommended to be changed through the field audit.

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