

EM SUBMISSION NO.: EME 4382014

PRESENTED: 8-11-14

ADOPTED: 8-12-14

BY THE EMERGENCY MANAGER:

**RESOLUTION AUTHORIZING THE DEPARTMENT OF PLANNING AND
DEVELOPMENT TO ENTER INTO A PARTNERSHIP AGREEMENT WITH THE U.S.
DEPARTMENT OF ENERGY FOR TECHNICAL ASSISTANCE RELATED TO THE
HIGH PERFORMANCE OUTDOOR LIGHTING ACCELERATOR PROJECT**

As part of the Strong Cities, Strong Communities program the U.S. Department of Energy (DOE) desires to enter into a partnership agreement with the Department of Planning and Development to provide technical assistance, research, and expertise regarding the adoption and use of high efficiency outdoor lighting in the City of Flint's citywide street lighting system.

Transitioning street lights from high-pressure sodium or mercury vapor bulbs to LED's was identified as a key strategy of the Master Plan, and a partnership between the City and DOE would provide crucial technical support and expertise, making the City's transition to high efficiency LED lighting far more resourceful. The full extent and nature of this agreement is outlined in the attached High Performance Outdoor Lighting Accelerator Partnership Agreement.

The terms of this agreement are wholly voluntary and do not represent a binding legal or financial obligation from either parties. They represent a mutual working partnership between City staff and the DOE to provide technical assistance and expertise. The terms of this agreement can be terminated by either party at any time.


IT IS RESOLVED, that the Emergency Manager shall, on behalf of the City, authorize the Department of Planning and Development to enter into a partnership agreement with the DOE under the terms and conditions as stated above.

APPROVED AS TO FORM:



Peter M. Bade, Chief Legal Officer

APPROVED AS TO FINANCE:



Gerald Ambrose, Finance Director

EM DISPOSITION:

ENACT ☒

FAIL _____



Darnell Earley, Emergency Manager

DATED: 8-12-14

RESOLUTION STAFF REVIEW FORM

DATE: August 6th, 2014

Agenda Item Title: RESOLUTION AUTHORIZING THE DEPARTMENT OF PLANNING AND DEVELOPMENT TO ENTER INTO A PARTNERSHIP AGREEMENT WITH THE U.S. DEPARTMENT OF ENERGY FOR TECHNICAL ASSISTANCE RELATED TO THE HIGH PERFORMANCE OUTDOOR LIGHTING ACCELERATOR PROJECT

Prepared By: Vincent Slocum, Planner I

Background/Summary of Proposed Action:

The Master Plan calls for the City to transition street lights from high-pressure sodium or mercury vapor bulbs to more energy efficient LED's. A partnership agreement with the U.S. Department of Energy's (DOE) Lighting Accelerator Program would offer much needed technical support and expertise to ensure that this transition is as seamless and efficient as possible. The agreement would allow the DOE to share information and research related to best-practices in the deployment of high efficiency outdoor lighting with Planning and Development staff, as well as to facilitate peer exchange on models of utility engagement and financing solutions.

The terms of this agreement are wholly voluntary and do not represent a binding legal or financial obligation from either parties. They represent a mutual working partnership between Planning and Development Staff and the DOE to provide technical assistance. The terms of this agreement can be terminated by either party at any time.

Financial Implications:

None

Budgeted Expenditure: Yes ____ No X

Please explain, if no: This agreement provides technical assistance at no cost to the City.

Pre-encumbered: Yes ____ No X

Staff Recommendation:

The Director of Department of Planning and Development/Chief Planning Officer recommends approval of this resolution.

Staff Person:


Megan Hunter, Director of Planning and Development

The **Better Buildings Initiative** is a national leadership initiative calling on state and local officials, corporate chief executive officers, university presidents, utilities, and other leaders to make substantial commitments to improve the energy efficiency of their buildings and plants, save money, and increase competitiveness. The cornerstones are a commitment to a 20% or more savings target across the organizations' portfolios and a commitment to share strategies that work, substantiated by energy data across the portfolios. The U.S. Department of Energy (DOE) is expanding this initiative to engage leaders in a set of **Better Buildings Accelerators** designed to demonstrate specific innovative approaches, which upon successful demonstration will accelerate investment in energy efficiency.

The **High Performance Outdoor Lighting Accelerator** is designed to accelerate the adoption and use of high efficiency outdoor lighting in the public sector, replacing over 500,000 poles over the next two years starting in May 2014, while developing best practice approaches to municipal system-wide replacement for this period and the longer term. The Accelerator applies to all categories of outdoor lighting for which local governments or states pay the energy bills (i.e., street/roadway, parking facility, and parks and recreation lighting) and will focus on addressing issues that limit investment in high-efficiency technologies such as financing and metering/utility tariff-rates. The goals of the **High Performance Outdoor Lighting Accelerator** include:

- ▶ Demonstrate best practice approaches of municipal system-wide replacement to high-efficiency outdoor lighting and develop road-tested examples for other public sector organizations to use.
- ▶ Provide tools and guidance to address technical issues and help establish policy/tariff framework to allow more local governments to take advantage of high efficiency outdoor lighting.
- ▶ Document and share best practices on overcoming technical, regulatory, and financial barriers to encourage broad deployment of high efficiency outdoor lighting.
- ▶ Develop recommendations for post-Accelerator next steps.

High Performance Outdoor Lighting Accelerator Partners, in collaboration with DOE, will demonstrate practical and effective best practices to accelerate the adoption of high-efficiency outdoor lighting. Accelerator Partners and DOE enter into this partnering agreement to improve system-wide replacement processes at the municipal level.

Municipal Partner Agrees to:

- ▶ **Appoint** an Accelerator point of contact.
- ▶ **Develop** an outdoor lighting roadmap incorporating a system-wide analysis and with the objective of replacing a significant portion of the city's portfolio of outdoor lighting within two years.
- ▶ **Share** results and lessons learned with DOE and other Accelerator Partners as approaches are implemented, including tracking baseline and improved energy and non-energy benefits.
- ▶ **Identify** a key barrier within three months of joining the Accelerator, to be addressed with peers and DOE technical assistance over a 12-month period.

In Addition, State/Regional Partner:

- ▶ **State/Region commits to collaborating with three or more municipalities** to develop an outdoor lighting roadmap incorporating a system-wide analysis and with the objective of replacing a significant portion of each municipality's portfolio of outdoor lighting within two years.

U.S. Department of Energy Agrees to:

- ▶ **Appoint** an Accelerator point of contact.
- ▶ **Facilitate** peer exchange on models for utility engagement and financing solutions.
- ▶ **Develop** additional technical tools and/or assistance necessary to meet the goals of the Accelerator, subject to resources.
- ▶ **Provide technical assistance** to Partner to overcome a key barrier.
- ▶ **Provide recognition** to Accelerator Partners for their leadership in addressing these issues.

Agreement

My organization is committed to the goals of this Better Buildings Accelerator and pledges to lead in the adoption of high-efficiency outdoor lighting.


Senior Executive Officer

8-12-14
Date

Contact Information

Organization

Address

Name:

Title: _

Phone: _

E-mail:

General Terms

- ▶ All parties concur that this agreement is wholly voluntary and may be terminated by any party at any time, and for any reason, with no penalty.
- ▶ Partner will not construe, claim, or imply that its participation in the Better Buildings Initiative constitutes Federal Government approval, acceptance, or endorsement of anything other than Partner's commitment to the initiative.
- ▶ Partner understands its participation in the Better Buildings Initiative does not constitute Federal Government endorsement of Partner.
- ▶ Partner understands that the activities it undertakes in connection with the Better Buildings Initiative are voluntary and not intended to provide services to the Federal Government. Partner will not submit a claim for compensation to any federal agency.
- ▶ The Better Buildings Initiative will honor all requests to keep the Partner's information and data confidential.