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|  <p style="text-align: center;">Council Communication Office of the City Manager</p> | Date: | November 7, 2016 |
| | Agenda Item No. | 24 |
| | Roll Call No. | <u>16-1905</u> |
| | Communication No. | <u>16-643</u> |
| | Submitted by: | Scott E. Sanders, City Manager |

AGENDA HEADING:

Approving Memorandum of Understanding (MOU) with the Institute for Market Transformation and the Natural Resources Defense Council for the City Energy Project.

SYNOPSIS:

The City Energy Project (CEP) is a national initiative to create healthier and more prosperous American cities by improving the energy efficiency of buildings. The partnership between the CEP and Des Moines will support bold solutions that can be replicated by other municipalities nationwide and around the world to advance local economic prosperity and reduce pollution. Funding for the CEP is provided jointly by Bloomberg Philanthropies, Doris Duke Charitable Foundation and The Kresge Foundation.

FISCAL IMPACT:

Amount: Up to \$200,000 grant to City requiring a 50% match of \$100,000, with the City’s commitment of \$35,000 in FY18 and \$65,000 privately funded.

Funding Source: \$35,000 Citywide Training & Benchmarking ND409732, Page 123

ADDITIONAL INFORMATION:

- Established through a partnership with the Institute for Market Transformation and the Natural Resources Defense Council and funded by Bloomberg Philanthropies, Doris Duke Charitable Foundation, and the Kresge Foundation. The goals of the program are to:
 1. Substantially reduce citywide energy use and carbon pollution;
 2. Improve the local economy by investing in skilled local jobs; and
 3. Expand market opportunities for private sector investment in energy efficiency.
- The program is a 2-year commitment and provides a total of up to \$200,000 towards the hiring of a City Advisor (contract position), education, training and funds for City building energy efficiency evaluations. This is an increase of \$100,000 in grant funds over the original application with no required increase in matched dollars.
- The City will commit \$35,000 for the City Advisor contractor and leverage \$30,000 in planned energy conservation studies to municipal buildings in order to take advantage of additional CEP funds.

- Proposed Scope of Work will include the following:
 - Benchmarking and Transparency (Required Policy) -The success of this policy will be based on existing relationships with leadership in the housing, business, and industry sectors within Des Moines. A benchmarking and transparency policy requires building owners to annually measure and report the energy and water use for properties above a certain square footage, using the U.S. Environmental Protection Agency's free online tool, ENERGY STAR Portfolio Manager, and to make specified output data public.
 - Energy Audit (Supplemental Policy) -Des Moines would work with the same partners as with the Benchmarking and Transparency Policy to establish an audit protocol. In 2010, the City partnered with the Downtown Community Alliance and five (5) downtown buildings to perform similar audits to spur interest in retrofitting existing buildings to meet Energy Star and LEED standards. This effort would continue that work and establish a policy to help property owners make more informed decisions on their facility improvements.
 - Energy Code Compliance (Program) – Staff has evaluated the International Green Construction Code, but has not made any recommendations about adoption of the Code. The completion of PlanDSM provides a timely opportunity to update our zoning codes, and corresponding building codes. Participation from the Sustainability Team, Economic Development Department, Community Development Department, developers, and businesses will be essential for the success of this endeavor.
 - Energy-Efficient Municipal Operations (Program) –Evaluation of current standards and propose new standards for new and existing facilities. Reviewing energy efficiency for existing operations would provide guidance to the City's facilities director. Partners in this effort will include the City's Fleet Manager, Engineering Department, Sustainability Team, and others.

PREVIOUS COUNCIL ACTION(S):

Date: June 13, 2016

Roll Call Number: [16-0968](#)

Action: [Proposal](#) in response to request for proposals from City Energy Project. ([Council Communication No. 16-306](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Approval of grant agreement to provide funding for the City Advisor. Consideration of recommended policies that are an outcome of the program.

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