

 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b> May 9, 2011
	<b>Agenda Item No.</b> 7B <b>Roll Call No.</b> <u>11-766</u> <b>Communication No.</b> <u>11-279</u> <b>Submitted by:</b> <b>Jeb E. Brewer, P.E.</b> <b>City Engineer</b>

**AGENDA HEADING:**

Ordering construction of the following: 3rd & Court Parking Garage LED Lighting - Receiving bids, (5-24-11), and Setting date of hearing, (6-13-11). (Construction Estimate - \$335,000).

**SYNOPSIS:**

Recommend the City Council proceed with construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. This project will update the existing light fixtures with new high efficiency LED lighting technology and additional energy saving components with an effort to achieve power consumption levels below energy code requirements. Utilizing a Department of Energy (DOE), Energy Efficiency and Conservation Block Grant (EECBG), as approved by the City Council on July 12, 2010.

**FISCAL IMPACT:**

Amount: \$335,000 City Engineer's Estimate

Funding Source: 2011-2012 CIP, Page Parking-6, LED Lighting - 3rd & Court Parking Garage, PKG030, Being: \$300,000 in Department of Energy, Energy Efficiency and Conservation Block Grant, with the remaining local share of the grant being \$35,000 in Parking System Revenue

**ADDITIONAL INFORMATION:**

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 3rd & Court Parking Garage LED Lighting, 04-2011-006. The improvement includes updating general lighting, stairwell lighting, top level pole mounted lighting, and office and task lighting with new LED light fixtures. High efficiency electronic ballast fluorescent lights will replace existing storage and mechanical equipment area lighting. A new automated lighting control system with time schedule programming will be installed along with replacing the original emergency lighting system with individual battery powered emergency lighting units throughout the parking structure. All work is to be in accordance with the contract documents, including Plan File Nos. 512-103/117, in the 3rd Street and Court Avenue Parking Garage, Des Moines, Iowa.

The estimated construction cost is \$335,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

**PREVIOUS COUNCIL ACTION(S):**

Date: June 28, 2010

Roll Call Number: [10-1097](#)

Action: [Amendment](#) to the scope of the Department of Energy (DOE) Energy Efficiency and Conservation Block Grant (EECBG), and approving staff recommendation to utilize aluminum replacement windows in City Hall and the Police Station. ([Council Communication No. 10-410](#)) Moved by Hensley to defer consideration to the July 12, 2010 Council Meeting. Motion Carried 7-0.

Date: February 22, 2010

Roll Call Number: [10-322](#)

Action: [Assistance](#) Agreement for second grant payment of \$555,000 for a Mortgage Buy-Down Program for Energy – Efficient Residential Buildings as part of Department of Energy (DOE) Energy Efficiency and Conservation Block Grant (EECBG). ([Council Communication No. 10-075](#)) Moved by Mahaffey to adopt. Motion Carried 6-1. Pass: Hensley.

Date: January 25, 2010

Roll Call Number: [10-118](#)

Action: [Acceptance](#) of Department of Energy (DOE) Energy Efficiency and Conservation Block Grant for a Retrofit Ramp-Up Program made available through The American Recovery and Reinvestment Act, initial award of \$57,300. ([Council Communication No. 10-017](#)) Moved by Mahaffey to adopt. Motion Carried 7-0.

Date: June 22, 2009

Roll Call Number: [09-1150](#)

Action: [Application](#) for Energy Efficiency and Conservation Block Grant from the Department of Energy, \$1,982,300. ([Council Communication No. 09-437](#)) Moved by Vlassis to approve. Motion Carried 6-1. Absent: Mahaffey.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also partial payments to the contractor and final acceptance of work.

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