

 <p style="text-align: center;"><b>Council</b> <b>Communication</b> Office of the City Manager</p>	<b>Date:</b> June 28, 2010
	<b>Agenda Item No.</b> 56 <b>Roll Call No.</b> <u>10-1089</u> <b>Communication No.</b> <u>10-405</u> <b>Submitted by:</b> <b>Jeb E. Brewer, P.E.</b> <b>City Engineer</b>

**AGENDA HEADING:**

Public Hearing on Pump Station Emergency Power Generation - Phase 2 regarding:  
 Approving plans, specifications, form of contract documents, engineer’s estimate; and  
 The status of funded activities under IDED Contract No. 08-DRI-205:  
 Also resolution to receive and file bids: designating lowest responsible bidder as C. L. Carroll Co., Inc.,  
 Jon P. Rissman, President, \$1,380,187.48; and approve Amendment No. 3 to IDED Contract No. 08-  
 DRI-205.

**SYNOPSIS:**

This is a public hearing to allow for public input on the Pump Station Emergency Power Generation - Phase 2 and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. This is also a public hearing required as part of the funding from the Iowa Department of Economic Development (IDED) on the status of funded activities for the installation of emergency stand-by power generators in the five storm water pump stations in the Central Place and Birdland basins. In the summer of 2008, there was extensive damage across Iowa from flooding and other severe weather. The Iowa Department of Economic Development has awarded the City of Des Moines a grant under the Infrastructure Assistance program, as part of the Federal Disaster Relief program under the Jump Start Program for Housing Assistance, Small Business Assistance, and Infrastructure Assistance. This project provides for the installation of emergency generators at five storm water pump stations. The generators will provide power for the pumps during times when the conventional Mid American Energy electrical feeds are disrupted.

**FISCAL IMPACT:**

Amount: \$1,380,187.48 Construction Contract (\$1,520,000 City Engineer's Estimate)

Funding Source: 2010-2011 CIP, Page Storm-16, Storm Water Pump Station Emergency Power Generation, STE084, Being: HUD Disaster funds from the Iowa Department of Economic Development for 100% of construction costs associated with the Pump Station Emergency Power Generation with a \$2,500,000 maximum in Federal Jumpstart Infrastructure Assistance funds

**ADDITIONAL INFORMATION:**

In the summer of 2008, there was extensive damage across Iowa from flooding and other severe weather. As part of the Federal Disaster Relief program, the State of Iowa made funds available under the Jump

Start Program for Housing Assistance, Small Business Assistance, and Infrastructure Assistance. The first selection considered any project submitted by an authorized agency to the IDED by February 18, 2009. The Jump Start program had \$15.75 million in CBDG funds for Infrastructure Assistance to allocate State-wide.

On February 9, 2009, under Roll Call Number 09-230, the City Council authorized submittal of four project applications under the Infrastructure Assistance Program. The projects were identified as those being the most competitive in the grant selection criteria. Important criteria considered were the direct relationship of the project to the 2008 disaster, threat to health, safety, or welfare, benefit to low and moderate-income persons and burden associated to the same group if local revenue was used to accomplish the project and the ability to construct the projects quickly. One of the four project applications submitted was \$2,500,000 for the installation of emergency stand-by power generators in the five storm water pump stations in the Central Place and Birdland basins. These pumping stations currently have redundant commercial feeds, but not stand-by power generators on-site. The near loss of both commercial feeds during the 2008 flood demonstrated the immediate need to install stand-by power for these pump stations.

The City of Des Moines received Contract Number 08-DRI-005 from the IDED in the amount of \$2,500,000 for the installation of emergency stand-by power generators in the five storm water pump stations in the Central Place and Birdland basins. IDED later changed the Contract Number to 08-DRI-205. The grant was approved by the City Council on May 18, 2009, under Roll Call No. 09-832.

Pursuant to the requirements of Section 508 of the Housing and Community Development Act of 1987, as amended, the Des Moines City Council must hold a public hearing to discuss the status of funding for the installation of emergency stand-by power generators in the five storm water pump stations in the Central Place and Birdland basins, Iowa Department of Economic Development Contract Number 08-DRI-205. The grant improvement includes installing new generators for various storm water pump stations, removing pavement and existing fence, and constructing new generator pads, fence, and Portland Cement Concrete driveways, surface restoration and other incidental items at the following storm water pump stations:

- Franklin Avenue Pump Station - Franklin Avenue and Ohio Street
- Clark Street Pump Station - Clark Street and Michigan Street
- Indiana Avenue Pump Station - Indiana Avenue and Vermont Street
- Birdland Pump Station - 2nd Avenue and the Birdland Levee
- Oxford Street Pump Station - Oxford Street and Guthrie Avenue.

The project is being funded in part through a Community Development Block Grant provided by the Iowa Department of Economic Development (IDED) and Des Moines Storm Water Utility Funds. The notice of the public hearing published June 9, 2010 in the Des Moines Register stated that anyone with questions concerning the project may contact Calvin Miller at (515) 283-4748. As of June 18, 2010, no question had been received.

When the grant application was prepared, Staff estimated that the five generator installations would cost \$500,000 each for a total of \$2,500,000 for construction only utilizing IDED funds. Storm Water Utility funds would be utilized for design and administrative costs. After the detailed design was completed, the estimate for the five generators was reduced to \$1,520,000. The City proposes to construct stand-by generators at a total of nine stations. With this new detailed estimate, Staff realized that approximately \$1,000,000 of the \$2,500,000 grant would not be spent, so Staff approached IDED about adding

additional emergency generators to the original grant to fully utilize these funds. Actual bids for the five generator installations ranged from the low of \$1,380,187.48 to a high of \$1,548,128.48.

On May 24, 2010, under Roll Call No. 10-822, the City Council authorized the Mayor to execute and submit to IDEED the necessary grant amendments to Contract 08-DRI-205 for three additional generators estimated at a total of \$1,100,000. Specifically, the emergency generators in the grant amendment request would be located at 1813 2nd Avenue, 601 SW 5th Street, and 700 SW 7th Street. Both SW 5th and SW 7th Street pump stations were constructed after the floods of 1993. These pump stations were constructed with dual electric services, however, they did not have alternative stand-by power generators installed as back-up if the electrical power failed. These pump stations protect areas north of the Raccoon River along the levee, which are most susceptible to flooding. Installation of the emergency generators, as back up, will enable the continued removal of storm water from the areas even with the loss of electrical power. The general location at 2nd Avenue and Franklin Avenue will expand protection for the Central Place business district by providing backup power for this area. These new emergency back-up generators will assist in mitigating the damage caused by floodwater flowing into the neighborhoods and businesses.

On June 7, 2010, the City received notice from IDEED that IDEED had issued an amendment to Contract 08-DRI-205 for three additional generators changing the number of backup generators from five to eight with the grant amount remaining at \$2,500,000. Staff recommends that the City Council approve this grant amendment.

Detailed design of the remaining four emergency generators is nearing completion. Staff anticipates that the second generator contract will be presented to Council for consideration in July 2010. The current estimate for these four emergency generators is \$1.4 million, with the three generator locations eligible for IDEED funding estimated at \$1.1 million. Therefore, given the actual low bid of \$1,380,187.48 for the five generator installations plus the estimated \$1.1 million for the three generator locations eligible for IDEED funding, the total estimated cost for the eight IDEED-eligible generators would be \$2.48 million, which is slightly under the \$2.5 million IDEED Contract 08-DRI-205. Therefore, Staff anticipates that grant funding will be adequate to complete the project work with the expanded scope.

On May 24, 2010, under Roll Call No. 10-785, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Pump Station Emergency Power Generation - Phase 2. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the Pump Station Emergency Power Generation - Phase 2, 08-2010-004. The improvement includes installing new generators for various storm water pump stations, removing pavement and existing fence, and constructing new generator pads, fence, and Portland Cement Concrete driveways, surface restoration and other incidental items; in accordance with the contract documents, including Plan File Nos. 516-128/143, at the following storm water pump stations:

Franklin Avenue Pump Station - Franklin Avenue and Ohio Street

Clark Street Pump Station - Clark Street and Michigan Street  
Indiana Avenue Pump Station - Indiana Avenue and Vermont Street  
Birdland Pump Station - 2nd Avenue and the Birdland Levee  
Oxford Street Pump Station - Oxford Street and Guthrie Avenue.

Sealed bids for said improvement were submitted by the following bidders:

C. L. Carroll Co., Inc., Des Moines, IA  
Biermann's University Electric Company, Inc. dba Biermann Electric, Des Moines, IA  
The Waldinger Corporation, Des Moines, IA  
Baker Electric, Inc., Des Moines, IA  
Cramer and Associates, Inc., Grimes, IA

The bids were received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on June 15, 2010. The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by C. L. Carroll Co., Inc., Jon P. Rissman, President, 3623 6th Avenue, Des Moines, IA, 50313 in the amount of \$1,380,187.48, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.

#### **PREVIOUS COUNCIL ACTION(S):**

Date: May 24, 2010

Roll Call Number: [10-785](#)

Action: Ordering construction of the following: [Pump](#) Station Emergency Power Generation – Phase 2: Receiving of bids, (6-15-10), Setting date of hearing, (6-28-10). (Construction Estimate - \$1,520,000). ([Council Communication No. 10-291](#)) Moved by Moore to adopt. Motion Carried 7-0.

Date: May 24, 2010

Roll Call Number: [10-822](#)

Action: [Submission](#) of a Grant Amendment to the Iowa Department of Economic Development (IDED) Community Development Block Grant (CDBG) Contract 08-DRI-205 for three additional emergency storm water generators. ([Council Communication No. 10-277](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: May 18, 2009

Roll Call Number: [09-832](#)

Action: [Approving](#) execution of three (3) CDBG Disaster Recovery Infrastructure Grants with the Iowa Department of Economic Development. ([Council Communication No. 09-338](#)) Moved by Kiernan to adopt. Motion Carried 6-1. Absent: Cownie.

Date: February 9, 2009

Roll Call Number: [09-230](#)

Action: [Submission](#) of four (4) CDBG Disaster Recovery Infrastructure Applications to the Iowa Department of Economic Development. ([Council Communication No. 09-063](#)) Moved by Kiernan to adopt. Motion Carried 6-1. Absent: Cownie.

Date: October 13, 2008

Roll Call Number: [08-1810](#)

Action: [Approving](#) Jumpstart Small Business Assistance Program Grant Agreement. Sponsor: Mahaffey. ([Council Communication No. 08-627](#)) Moved by Mahaffey to approve. Motion Carried 6-1. Absent: Cownie.

Date: September 30, 2008

Roll Call Number: [08-1711](#)

Action: [Approving](#) Jumpstart Housing Assistance Program Grant Agreement and Application for Jumpstart Small Business Assistance and CDBG Supplemental Funds to assist with recovery efforts due to flooding. Sponsor: Mahaffey. ([Council Communication No. 08-589](#)) Moved by Mahaffey to refer to the City Manager to review energy efficiency and elevation of the homes and businesses. Motion Carried 6-1.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Partial payments to the contractor and final acceptance of work.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the second floor of City Hall, 400 Robert D. Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to [cityclerk@dmgov.org](mailto:cityclerk@dmgov.org).