

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	April 20, 2015
	Agenda Item No.	10
	Roll Call No.	<u>15-0648</u>
	Communication No.	<u>15-210</u>
	Submitted by:	Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Approving agreement between the Des Moines Metropolitan Wastewater Reclamation Authority (WRA) and the City of Des Moines (City) for construction of the 2015 Levee Gatewell Repair Project.

SYNOPSIS:

Recommend approval of the agreement between the WRA and the City for construction of the 2015 Levee Gatewell Repair Project. The agreement allows the WRA to administer a construction project for gatewell repairs, which are necessary to meet Corps of Engineers and Federal Emergency Management Authority (FEMA) requirements for the City-owned levee system, and allows for costs to be allocated between the WRA and City according to ownership of the gatewells.

FISCAL IMPACT:

Amount: \$131,075

Funding Source: 2015-16 Capital Improvement Program (CIP), Page Sanitary -6, City-wide Sanitary Sewers, SS054, Sanitary Sewer Funds

ADDITIONAL INFORMATION:

The WRA owns and operates several sanitary sewers within the City which pass through flood protection levees at various locations. At each of these locations, a gatewell structure exists to allow crews to stop the passage of water through the section of sewer that lies within the levee in the case of an emergency. The WRA has found that seven (7) of these levee gates do not operate properly and are in need of repair or full replacement.

Additionally, the City owns and operates its own sanitary sewers which pass through the flood protection levees at various locations with gatewells at each location. The City has found that it has two (2) levee gates that do not operate properly and are in need of full replacement.

The gatewells included in this project are located within levee systems, which are part of the United States Army Corp of Engineers (USACE) PL 84-99 Rehabilitation and Inspection Program. Eligibility in this USACE Program provides Federal reimbursement for flood related damages to these levees. Gatewells are one (1) of 18 key inspection items that determine the eligibility of the levee systems in the USACE Program. In order to assure continued eligibility of the levees in the USACE program, the gatewells must be shown to be in good repair during annual inspection and receive an "Acceptable" rating.

The City and the WRA have worked jointly to identify the levee gates which are in need of repair and replacement and how this work would be undertaken. Each agency has procured its own design agreement to have the improvements designed. With the design of the improvements nearly complete, the two (2) agencies are ready to solicit bids to have the improvements constructed. After discussions, the two (2) agencies have determined that it would be more economical to group the improvements at all nine (9) gatewell sites into one (1) construction project.

The WRA and the City have drafted an agreement for construction of these levee gatewell repairs. The purpose of this Agreement is to outline how the two (2) agencies will jointly exercise their respective powers to construct the levee gatewell improvements and to outline the terms for the payment for such work.

Following approval of this agreement, the WRA will enter into an agreement with H.R. Green, Inc. (Mr. James Rasmussen, Water President, 5525 Merle Hay Road, Suite 200, Des Moines, Iowa 50131) for construction phase engineering services related to the construction of the levee gatewell improvements pursuant to the current WRA Consultant Selection Policy.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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