


COUNCIL COMMUNICATION

	Number:	19-054	Meeting:	February 11, 2019
	Agenda Item:	6A	Roll Call:	19-184
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director, and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: E. 1st and Market Street Storm Water Pump Station - Receiving bids, (3-12-19), and Setting date of hearing, (4-8-19). Construction Estimate - \$6,600,000.

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 replace an old and deteriorated pump station and provides for increased storm water conveyance capacity to address recommended improvements identified in the Des Moines Downtown Levees Storm Water Pump Station Assessment.

FISCAL IMPACT:

Amount: \$6,600,000 City Engineer's Estimate

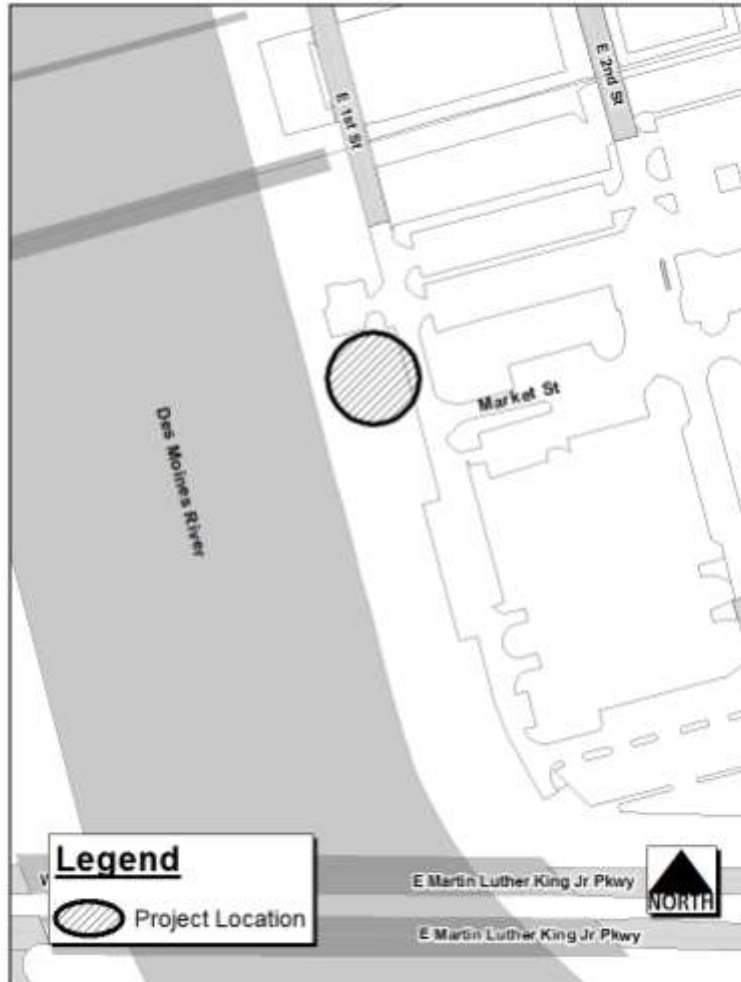
Funding Source: Recom 2017-2018 CIP, Page Storm – 6, Flood Mitigation Improvements, SM087

ADDITIONAL INFORMATION:

- The existing pump station at East 1st Street and Market Street was originally constructed in 1983 and most of the equipment is nearing the end of its functional lifespan, with several items in need of repair, namely a cracked and failing perimeter wall (possibly structural cracking), a non-functional track rack rake system, outdated electrical equipment in cabinets exposed to the elements, and a radio based telemetry system. Therefore, the pump station needs to be replaced.
- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the E. 1st and Market Street Storm Water Pump Station, 08-2017-005. The improvement includes construction of a two (2) pump storm water pump station including the installation of pumps, mechanical bar screens, electrical and controls building, architectural features such as perforated stainless steel metal panels, channel glass, board formed cast-in-place concrete, lighting, standby power generator, Reinforced Concrete Pipe (RCP) storm sewer sizes 15-inches and 60-inches, Ductile Iron (DI) 12-inch water main, cast-in-place manholes, Portland Cement Concrete (PCC) pavement, PCC curb and

gutter, landscaping, erosion control, restoration and miscellaneous associated work including cleanup and other incidental items all in accordance with the contract documents, including Plans File Nos. 596-179/230, located near E. 1st Street and Market Street, along the east bank levee of the Des Moines River in downtown Des Moines, Iowa.

- The estimated construction cost is \$6,600,000. 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: April 17, 2017

Roll Call Number: [17-0652](#)

Action: [Approving](#) Supplemental Agreement No. 1 to the Professional Services Agreement with HR Green, Inc. for E. 1st Street & Market Street Storm Water Pump Station, for an additional amount not to exceed \$374,000. ([Council Communication No. 17-372](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S):

Board: Urban Design Review Board

Date: September 12, 2017

Resolution Number: N/A

Action: Motion to recommend approval with the addition of shade trees on the east side, consider changing the curved wall to be more rectangular, and coordinate with future development as much as possible by Hielkema. Seconded by Reynolds. Yes – 7, No – 0, Absent – 3, Abstain – 0.

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- 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.
- An agreement with MidAmerican Energy related to property acquisition necessary for construction of the pump station and a Professional Services Supplemental Agreement for construction phase services for an amount estimated between \$330,000 and \$400,000.

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