

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: February 14, 2011
	<p>Agenda Item No. 10</p> <p>Roll Call No. <u>11-0171</u></p> <p>Communication No. <u>11-091</u></p> <p>Submitted by: William G. Stowe, Assistant City Manager/Public Works Director & Jeb E. Brewer, P.E. City Engineer</p>

AGENDA HEADING:

Approving Supplemental Agreement No.2 to the Jackson Basin Pump Station Professional Services Agreement with Howard R Green Company, (Dan Lovett, Chief Executive Officer, 5525 Merle Hay Road, Suite 200, Johnston, IA), for design services for modification to the design of the Jackson Basin Pump Station to increase the level of flood protection based on the Corps of Engineers Des Moines River Regulated Flow Frequency Study, not to exceed \$17,500.

SYNOPSIS:

Recommend approval of Supplemental Agreement No. 2 to the Professional Services Agreement with Howard R Green Company for a total cost not to exceed \$17,500, based on hourly rates, to provide design services for modification to the design of the Jackson Basin Pump Station to increase the level of flood protection based on the Corps of Engineers Des Moines River Regulated Flow Frequency Study, for the Jackson Basin Pump Station Project.

FISCAL IMPACT:

Amount: \$17,500

Funding Source: 2010-2011 CIP – Page Storm Water Improvements-7, Crawford Creek - Watershed Improvements, STE074.

ADDITIONAL INFORMATION:

On January 20, 2011, the United States Army Corps of Engineers (Corps) released the Des Moines River Regulated Flow Frequency Study. The study findings included that flood flow frequencies have increased over previous Corps estimates and an increased risk of flooding was identified. City staff has been working with design consultants to determine what changes can be made to projects currently underway that would accommodate the anticipated impacts of the increased flow frequencies.

Supplemental Agreement No. 2 includes the design services required to incorporate modifications to the design of the Jackson Basin Pump Station to increase the flood protection elevation to an appropriate level based on best available data. Coordination of the review and approval process of the design modifications with the Corps is also included. The design modifications are intended to increase flood

protection elevation while minimizing the impact on the construction schedule and the cost of construction. Once the design modifications are finalized, a change order to the existing construction contract will be negotiated with the contractor and submitted for Council approval.

Supplemental Agreement No. 1 in an amount not to exceed \$14,900 was approved by the City Engineer on September 2, 2009, for engineering services to relocate standby power generation at the Neola Avenue pump station.

PREVIOUS COUNCIL ACTION(S):

Date: February 9, 2009

Roll Call Number: [09-165](#)

Action: [Approving](#) professional services agreement with Howard R. Green Inc., for design and construction phase services for the Jackson Basin Pump Station and Emergency Standby Power Generation for Nine Existing Stormwater Pump Stations, not to exceed \$938,900. ([Council Communication No. 09-060](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Normal Council actions on consultant services for design and construction administration, grant agreements, and construction contracts.

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