



# Council Communication

Office of the City Manager

Date July 9, 2007

Agenda Item No. 8C  
Roll Call No. 07-  
Communication No. 07-401  
Submitted by: William G. Stowe, Assistant  
City Manager/Public Works/Engineering, and  
Jeb E. Brewer, P.E., City Engineer

## AGENDA HEADING:

Approving Professional Services Agreement with Kirkham Michael & Associates, Inc., for Evaluation and Development Services for the Flood Warning System Master Plan, not to exceed \$208,329.92.

## SYNOPSIS:

Approval of the Professional Services Agreement with Kirkham Michael & Associates, Inc., (Dale Miller, President and CEO, 12700 West Dodge Road, Omaha, NE 68154), for professional services for the Flood Warning System Master Plan, in an amount not to exceed \$208,329.92.

## FISCAL IMPACT:

Amount: \$208,329.92 Total  
\$ 49,207.53 West Des Moines' Share  
\$ 41,540.99 Clive's Share  
\$117,581.40 City of Des Moines' Share

Funding Source: 2007-08 Operating Budget, Page 315, EN301, PWK077010 - Storm Water Utility Operating Funds, OPR160, Storm Sewer Utility Fees.

## ADDITIONAL INFORMATION:

The City of Des Moines administers an ALERT (Automated Local Evaluation in Real Time) Flood Warning System. This system is utilized by the cities of Des Moines, West Des Moines, and Clive, as well as the National Weather Service (NWS) located in Johnston, Iowa. An existing Chapter 28E Agreement between these governmental entities outlines respective duties, responsibilities, mutual benefits, and funds sharing for the ALERT partnership.

A Metro ALERT Flood Warning System Master Plan needs to be developed and implemented, due to the age of the equipment (much of which was installed in 1989) and the need for additional stream gage and rain sensors. The Master Plan will identify system deficiencies, upgrades that are needed to attain a state-of-the-art system, and the need for system expansion, with the goal of providing functional flood warning response. The plan will address specific response needs of the communities and the response characteristics of each flooding source (large rivers and small flash flood creeks). The Master Plan will also provide an implementation strategy, with scheduling of system improvements consistent with funding availabilities.

In April 2006, responses to the Request for Qualifications were received from three firms. A selection committee was formed that included City of Des Moines staff from the Police, Information Technology

and Public Works Departments; staff from the cities of Clive, West Des Moines; and the United States Geological Survey. The selection committee reviewed the submittals and selected Kirkham Michael & Associates to submit a proposal for negotiation based on qualifications and experience. City staff has conducted extensive review and negotiation of the proposal.

Staff has negotiated a Professional Services Agreement with Kirkham Michael & Associates for an hourly not to exceed \$208,329.92, to provide evaluation and development services.

**PREVIOUS COUNCIL ACTION(S):**

Date: May 21, 2007

Roll Call Number: [07-982](#)

Action: Amended and substituted Chapter 28E Agreement with National Oceanic and Atmospheric Administration (NOAA) National Weather Service (NWS) for a Community Sponsored Automated Flood Warning System. ([Council Communication No. 07-296](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

Date: October 10, 2005

Roll Call Number: 05-2468

Action: Authorization to proceed with procuring professional services utilizing Qualifications-Based Selection (QBS) Process for Des Moines Metro ALERT Flood Warning System Master Plan, \$90,000. ([Council Communication No. 05-557](#)) Moved by Hensley to adopt. Motion Carried 7-0.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Normal Council actions on professional services agreements.