



REPORT TO COUNCIL

City of Sacramento

915 I Street, Sacramento, CA 95814-2671
www.CityofSacramento.org

9

Consent Item
January 10, 2006

Honorable Mayor and
Members of the City Council

Subject: Approve Supplemental Agreement No. 1 with Wood Rodgers to Produce Flood Depth Zones and Rescue/Evacuation Maps for the City of Sacramento (PN: WG01)

Location/Council District: Citywide

Recommendation:

Adopt a Resolution authorizing the City Manager to execute Supplemental Agreement No. 1 with Wood Rodgers in an amount not to exceed \$36,000.

Contact: David L. Brent, Engineering Manager, 808-1420; Terry L. Paxton, Special Project Engineer, 808-1459

Presenters: Not Applicable

Department: Utilities

Division: Engineering Services

Organization No: 3331

Summary:

The Department of Utilities and Sacramento County hired Wood Rodgers to revise Flood Depth Zones and Evacuation Maps for 18 different levee break scenarios within or effecting the City of Sacramento. Most of these maps were originally developed in 1995 and are being updated to enhance the GIS capabilities and to reflect more accurate topographic information. A supplemental agreement is being requested to provide additional tools for developing evacuation plans during a major flood caused by a levee break.

Committee/Commission Action: None.

Background Information:

In 1995 the Department of Utilities hired Bercolli and Associates, Inc., to develop Flood Depth Zone and Rescue/Evacuation Maps for thirteen (13) potential levee break scenarios within the City of Sacramento. These maps used USGS quad sheets with

contour intervals of five (5) feet. On June 17, 2005, Utilities hired Wood Rodgers to convert these existing maps to GIS based maps and develop additional levee break scenarios. This involved using the City's GIS layers for streets and critical facilities and the City/County Lidar data files. Using this information allowed the Rescue/Evacuation Maps to cover a broader geographic area and to provide a more complete delineation of the evacuation routes.

In coordination with the City's efforts and to assure both agencies had consistent evacuation planning maps to use in the Emergency Operations Center, the County also hired Wood Rodgers to develop Flood Depth Zone and Rescue/Evacuation Maps for four (4) potential levee break scenarios within the County and outside the City.

Wood Rodgers has completed the remapping effort and additional scope, as shown on Exhibit A of Supplement Agreement No. 1, is being added to reformat the GIS layers to City standards and to provide additional information that would be needed to develop an evacuation plan for a levee break scenario.

The original contract amount with Wood Rodgers was \$90,550. A supplemental agreement for an additional \$36,000 is being requested for continued assistance with the GIS mapping needs and database development.

Financial Considerations:

Supplemental Agreement No. 1 with Wood Rodgers is for an amount not to exceed \$36,000. Sufficient funds are available in the (PN:WG01, Fund 425) to cover the cost of this Supplemental Agreement.

Environmental Considerations:


This is an engineering study to prepare Flood Depth Zone and Rescue/Evacuation Maps that would be used if a levee breach was realized in the City of Sacramento and is categorically exempt from California Environmental Quality Act (CEQA) requirements. CEQA Guideline section 15306 exempts actions associated with information collection and evaluation. The City's Environmental Planning Services will oversee the environmental review and documentation per CEQA of any construction project that may result from these consultant studies. The information collection and evaluation does not affect any environmental resource.

Policy Considerations:

The Flood Depth Zones and Rescue/Evacuation Maps will enhance the City's ability to get people out of harms way if a levee breach is realized within the City of Sacramento. This program is consistent with the City's Strategic Plan Goals of achieving sustainability and livability, and improving and expanding public safety.

Emerging Small Business Development (ESBD):

Wood Rodgers is not an ESBE.

Respectfully Submitted by: 
David L. Brent
Engineering Manager

Approved by: 
Gary A. Reents
Director of Utilities

Recommendation Approved:



Marty Hanneman, Assistant City Manager
For: Ray Kerridge, Interim City Manager

Table of Contents:
Pg. 1-3 Report
Pg. 4 Resolution

RESOLUTION NO. 2006-

Adopted by the Sacramento City Council

**APPROVING A SUPPLEMENTAL AGREEMENT WITH WOOD RODGERS TO DETERMINE
FLOOD DEPTH ZONES AND RESCUE/EVACUATION MAPS**

BACKGROUND

- A. The purpose is to update the City's Flood Depth Zones and Rescue/Evacuation Maps to provide information needed in the Emergency Operations Center to develop an evacuation plan for a levee break scenario.
- B. To date Wood Rodgers, working closely with the Department of Utilities staff, has completed the maps and additional information needs to be developed to further assist in the development of an evacuation for a levee break flood scenario.
- C. The original contract amount was \$90,550 approved in June 17, 2005. The additional amount of \$36,000 is being requested to reformat the GIS layers to City standards and to provide additional information that would be needed to develop an evacuation plan for a levee break scenario.

**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL
RESOLVES AS FOLLOWS:**

- Section 1. The City Manager is authorized to execute a supplemental consultant services agreement with Wood Rodgers for an amount not to exceed \$36,000.