



REPORT TO COUNCIL

City of Sacramento

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915 I Street, Sacramento, CA 95814-2604
www.CityofSacramento.org

CONSENT
April 25, 2006

Honorable Mayor and
Members of the City Council

Subject: Reimbursement: Sacramento Urban Area Aerial Photograph Collection

Location/Council District: Sacramento Region

Recommendation:

Adopt a Resolution authorizing the use of up to \$550,000 in Urban Area Security Initiative (UASI) funding to reimburse the Sacramento Area Council of Governments (SACOG) acting on behalf of the Sacramento Regional GIS Cooperative for the collection of high-resolution aerial imagery.

Contact: Milt Nenneman, Lieutenant, 264-5696

Presenters: Not applicable

Department: Police

Division: Homeland Security

Organization No: 2177

Summary:

It is widely recognized that Geographic Information Systems (GIS) technology is critical in supporting our nation's homeland security efforts to protect life, property, and infrastructure. GIS databases have been used for decades in the Sacramento region to help institutions and businesses, at the local, state, and federal levels, collect and analyze information to make better decisions. A critical component of effective support of disaster preparation efforts in the Sacramento region is the collection and maintenance of high quality aerial images. Under this comprehensive initiative high resolution orthophotography (straight down) and oblique (side angle) aerial imagery will be collected for the Sacramento urbanized area. SACOG on behalf of the Sacramento Regional GIS Cooperative has issued Requests for Proposal (RFP) and selected the contractors necessary to complete the collection and delivery of aerial photographs for the Sacramento urbanized region. This staff report is requesting approval for the use of up to \$550,000 in Homeland Security funds to reimburse the cooperative for the aerial images that will be collected in the Sacramento urbanized area. This funding contribution represents 74% of the total collection costs. The remaining 26% will be funded by cities and agencies in jurisdictions adjacent to the Sacramento urbanized area.

Committee/Commission Action: None

Background Information:

The Sacramento Regional GIS Cooperative was formed to minimize the duplication of digital data, transfer technology, exchange data, develop standards, and share resources in completing joint interagency projects. This initiative consolidates the efforts of many individual agencies to collect a common standard dataset that will allow agencies in the Sacramento region to more effectively support disaster preparation initiatives as well as many other public safety and municipal functions.

The images that are collected through this effort will serve as a highly accurate multi-purpose photographic base for the Sacramento urbanized area and is consistent with the goal of disaster preparation.

The aerial photographic products will include the following:

- Orthophotography (straight down)
 - 6" pixel resolution
 - Color balanced
 - Seamless coverage area of 649 sq. miles (with increased sq. mile detail, due to more flying time)
 - \$ 264,636

- Oblique Photography (side angle)
 - 6" pixel resolution
 - Color balanced
 - Seamless coverage area of 617 sq. miles
 - \$ 283,185

This work is projected to be completed in October 2006. The bids have been selected for this work and the Sacramento Regional GIS Cooperative is overseeing its completion. The RFP's were issued and selected through Sacramento Area Council of Governments Contract and Purchasing Services Division. The following contractors were selected to perform the work:

- Merrick & Company - Orthophotography
- Pictometry International – Oblique Imagery

This staff report requests the City Council's approval to authorize the use of Homeland Security funding to reimburse SACOG (acting on behalf of the Sacramento Regional GIS Cooperative) for the costs of the collection of aerial images collected for the Sacramento urbanized area.

Financial Considerations:

The total cost for the UASI funded portion of the Sacramento Urban Area Aerial Photograph Collection effort is approximately \$550,000. No City match funding is required. The State Office of Homeland Security has approved the use of UASI funding for this program (FY'04 255-OGR-G532-4XXX and FY'05, 255-OGR-G567-4XXX).

Environmental Considerations:

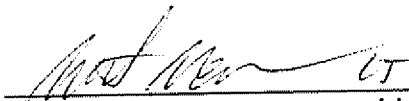
This proposal does not constitute a "project" and is therefore exempt from the California Environmental Quality Act according to CEQA guidelines Section 15061 (b)(1) and 15378(b)(3).

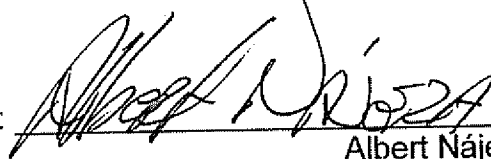
Policy Considerations:

Using Federal U.S. Department of Homeland Security funds to collect data is consistent with the goals and objectives of the UASI program and the City of Sacramento.

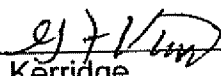
Emerging Small Business Development (ESBD):

ESBD companies participated in the RFP process conducted by Sacramento Council of Governments. The companies chosen are not certified as emerging small businesses.

Respectfully Submitted by: 
Milt Nenneman, Lieutenant

Approved by: 
Albert Najera
Chief of Police

Recommendation Approved:

for 
Ray Kerridge
City Manager

AN/cjm
Ref: COP 4-3

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RESOLUTION NO.

Adopted by the Sacramento City Council

April 25, 2006

HOMELAND SECURITY REGIONAL Sacramento Urban Area Aerial Photograph Collection

- A. A multi-purpose regional aerial image collection is planned to support homeland security and help institutions and businesses at the local, state, and federal levels make informed decisions.
- B. Comprehensive, consistent, accurate, high-resolution orthophotography (straight down) and oblique (side angle) aerial imagery will be collected for the Sacramento urbanized area.
- C. SACOG on behalf of the Sacramento Regional Geographic Information Systems (GIS) Cooperative has issued RFP's and selected the contractors necessary to complete the collection and delivery of aerial photographs for the Sacramento urbanized region. The total cost for the aerial images collected in the Sacramento urbanized area is approximately \$550,000 for work provided by:
 - Merrick & Company – Orthophotography (straight down) - \$264,636
 - Pictometry International - Oblique Photography (side angle) - \$283,185

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

- Section 1. The City Manager, or a designated representative, is hereby authorized to transfer grant funding from the U.S. Department of Homeland Security UASI program, to reimburse the Sacramento Area Council of Governments, on behalf of the Sacramento Regional GIS Cooperative (FY'04 255-OGR-G532-4XXX and FY'05, 255-OGR-G567-4XXX).

