

# Agenda Report

TO: CITY COUNCIL

May 10, 1999

FROM: City Manager

SUBJECT: Contract Award for Aerial Photographs for a  
Not to Exceed Amount of \$216,000

## RECOMMENDATIONS:

It is recommended that the City Council:

1. Authorize the City Manager to enter into a contract with Analytical Surveys, Incorporated for aerial photography. Formal bidding was not required pursuant to Section 1002(F) of the City Charter, professional or unique services. The contract total shall not exceed \$216,000.
2. Approve a journal voucher amending the FY 1999 Capital Improvement Program budget by recognizing revenue from the Power Fund, Budget Account No. 8114-401-843000-03-0391-20808, in the amount of \$2,394, from the Water Fund, Budget Account No. 8114-402-881000-03-0672-02051, in the amount of \$57,563 and from the Building Services Fund Reserve in the amount of \$47,500 and appropriating these funds to Budget Account No. 73116, Aerial Photographs.

## BACKGROUND:

In March of 1999, the Public Works and Transportation Department and Planning and Permitting Department issued a joint Request for Proposals (RFP) for aerial photography and for development of a digital map showing parcel information. RFP's were sent to forty-one firms that had expressed interest and notices were sent to 16 minority organizations informing them of this opportunity and requesting proposals from firms they may represent.

Project A of the subject RFP is for the aerial photographs and was called "Consultant Services for Digital Orthophotography." Digital orthophotos are aerial photographs that are electronically adjusted to correct for distance distortion. They are based on ground surveyed, highly accurate measurements between control points and precision photographs. They are scanned into digital format for computer use. The process will produce permanent control data that can be used for future updates of aerial photography.

Orthophotos can be merged with standard Autocad drawings and used for street design, lane striping, water and power facility management and other engineering applications. In addition, the digital map of the City may be used as the base map and foundation for the City's GIS system should the City decide to build a GIS in the future. Project B of the subject RFP, the development of a digital land base, relies upon the completion and accuracy of the digital orthophotos. (The contract award for Project B will be addressed in a separate Agenda Report.) Orthophotos may also be used as an accurate base for planning major development. The last high resolution aerial photographs were flown in 1987 and are in need of updating.

Water and Power Department has requested Public Works and Transportation to expand the project area to include its service areas outside the City limits. This additional project area was added to the RFP and its cost is reflected in the "Bid Amount." Planning and Permitting Department has requested that building footprints be outlined on the digital orthophotos. These features will make the digital orthophotos more useful in filling specific department needs and will become part of the digital land base.

On March 22, 1999, thirteen proposals were received, eight of which included a proposal for Project A: Consultant Services for Digital Orthophotography. The proposals were evaluated using the criteria set forth in the RFP in accordance with the City's competitive selection process for professional services. The total points scored for the highest three firms for Project A were as follows:

Analytical Surveys, Incorporated, Colorado Springs, CO	295
H.J.W. & Associates, Inc., Irvine, CA	280
Airborne Systems, Inc., Anaheim, CA	268

It is recommended that Analytical Surveys, Incorporated, the consultant firm receiving the highest total points from the evaluation team, be awarded the contract.

The proposed contract with Analytical Surveys, Incorporated fully complies with the Affirmative Action in Contracting Ordinance and the rules and regulations promulgated thereunder.

The contract for this project will be set up as follows:

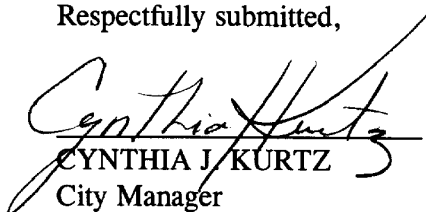
Bid Amount	\$149,431
Building Footprints	47,500
Contingencies	<u>19,069</u>
Contract Not to Exceed	\$216,000

Work on this project will begin in June, 1999 and be completed by October, 1999.

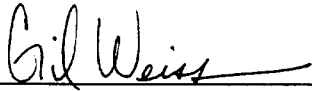
FISCAL IMPACT:

Public Works and Transportation's share of the work is available in Budget Account 73116. The remaining funds necessary will be available upon approval of the recommended journal voucher.

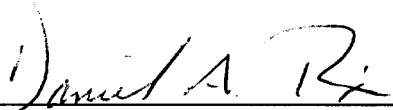
Respectfully submitted,

  
CYNTHIA J. KURTZ  
City Manager

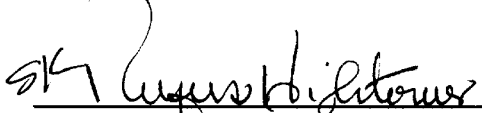
Prepared by:

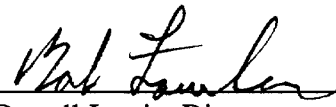
  
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Gil Weiss  
Engineer

Reviewed by:

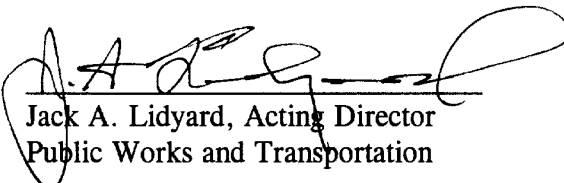
  
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Daniel A. Rix  
City Engineer

Concurrence:

  
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Rufus Hightower, General Manager  
Water & Power

  
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Darrell Lewis, Director  
Planning and Permitting

Approved by:

  
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Jack A. Lidy, Acting Director  
Public Works and Transportation