

INFORMATION TECHNOLOGY

416 West Fourth Street
Davenport, Iowa 52801-1187

Ph: (563) 328-4100 Fax: (563) 326-8669
www.scottcountyiowa.com



March 2, 2005

To: C. Ray Wierson, County Administrator
Paul Greufe, Assistant County Administrator
Dave Donovan, Facilities and Support Services Director

From: Matt Hirst, Information Technology Director
GIS Steering Committee

Subject: Approval of GIS Aerial Photos and Monumentation

The Scott County GIS Steering Committee recommends the selection of Kucera International Inc. to provide aerial photography and digital photogrammetry. The committee anticipates Kucera to fly aerial photos prior to the end of April and deliver digital orthophotos to the County after July 1, 2005.

This recommendation is based upon an RFP performed by the Bi-State Aerial Photo Consortium with the technical assistance of Dan Corbin, Incorporated. The Bi-State Aerial Photo Consortium is comprised of members from the Bi-State Regional Commission, cities of Davenport, Bettendorf, LeClaire, Rock Island, Moline, Colona, and the counties of Scott, Muscatine, and Rock Island. Jon Burgstrum of Secondary Roads and Mitch Tollerud of Information Technology represented Scott County at these meetings.

The analysis results of the RFP responses for aerial flights and digital orthophotos for the Consortium as a whole are as follows: (Scott Counties costs are a fraction of this cost.)

Color Digital Orthos		Un-weighted Total Points		Weighted Total Points	
		2500		5600	
1) Sanborn	\$593,200	1) Kucera	2350	1) Aero-Metric	5400
2) Kucera	\$627,030	2) Aero-Metric	2300	2) Kucera	5050
3) ASI	\$705,821	3) Sidwell	2050	3) Sidwell	5050
4) Surdex	\$738,760	4) Pixxures	1950	4) Woolpert	4450
5) Sidwell	\$1,000,947	5) Woolpert	1900	5) Pixxures	4150
6) Woolpert	\$1,067,000	6) ASI	1730	6) ASI	3700
7) Pixxures	\$1,076,330	7) Surdex	1650	7) Surdex	3200
8) AeroMetric	\$1,980,020	8) Sanborn	1480	8) Sanborn	2480

The GIS Steering Committee believes it important to document the selection process undertaken to identify a vendor to provide aerial photos and digital orthophotos for a Scott County parcel based enterprise GIS.

The Bi-State Aerial Photo Consortium was formed as a sub-group of the Bi-State GIS User's Group, a collection of GIS coordinators, analysts, and representatives from the Bi-State area. The User's Group meets quarterly to discuss topics and issues relating to GIS. Bi-State Regional Commission facilitated the consortium.

Several members of the Bi-State GIS User's Group were budgeting for and planning to acquire digital aerial photos for their Geographic Information Systems in the spring of 2005. The sub-group was formed to investigate partnering opportunities and subsequently to coordinate the RFP and selection process.

Advantages of coordinating this project as an intergovernmental initiative have proven to include: substantial savings over contracting separately; reduced administrative costs; shared GIS expertise; and data acquisition spanning our bi-state metropolitan area.

Each member of the consortium will contract with the Kucera independently using the shared unit cost from the joint RFP. The enclosed contract between Scott County and Kucera will provide aerial photography and digital orthophotos as identified in the Scott County GIS Strategic Plan as developed by the County in partnership with GeoAnalytics. The County has made arrangements to share these digital orthophotographs with the cities of Davenport and Bettendorf saving budgeted dollars both entities planned to expend for similar services. Scott County benefits from this intergovernmental cooperation by being able to utilize monumentation in Davenport and Bettendorf provided to Scott County at no cost by each respective city necessary for these flights.

The Scott County GIS Steering Committee also recommends retaining the professional services of Dan Corbin, Inc. to provide monumentation in the rural areas of Scott County necessary for digital orthophotographs. Dan Corbin has been integrally involved with the Consortium RFP process. He assisted with writing the technical aspects of the RFP, analyzed vendor proposals, and provided vital input to the selection. Additionally, he has provided similar monumentation services for Muscatine and Johnson Counties.

Aerial photos and digital orthophotos from Kucera International Inc. will cost \$116,868.43. Monumentation services from Dan Corbin Inc. will cost \$36,636. Costs had been estimated to potentially be as high as \$300,000 for these services by GeoAnalytics in the Scott County GIS Strategic Plan. Budget dollars are allocated in the FY'06 CIP budget to pay for this project.

Lastly, the GIS Steering Committee would request the Scott County Board to consider three (3) public appointments and term lengths for these appointments to the GIS Steering Committee as recommended in the Scott County GIS Strategic Plan. The plan calls for three appointments; one representing regional government, one representing city government, and one representing the public. Currently Lisa Miller from Bi-State Regional Commission is serving on the committee in an exemplary manner.

Cc: GIS Steering Committee