



Champaign County  
 City of Champaign  
 City of Urbana  
 University of Illinois  
 Village of Rantoul  
 Village of Mahomet  
 Village of Savoy

To: CCGISC Policy Committee  
 From: Leanne Brehob-Riley, GIS Director  
 Date: January 20, 2023  
 Re: 2023 Orthophotography Contract Award Recommendation

**Request**

Approval to award the orthophotography contract to Kucera International, Inc. (Kucera) and the authority to execute the contract based upon the information provided below.

**Background - Orthophotography Request for Proposal (RFP)**

On November 15, 2022, an RFP was issued for the acquisition of orthophotography for Champaign, Piatt, and Douglas counties in the spring of 2023. The RFP requested bids for 3-inch and 6-inch county wide resolution options. The available budget to acquire orthophotography for Champaign County is \$100,000. The joint capture of the three counties by a single vendor result in an overall reduction of acquisition costs.

**Recommendation - Orthophotography Contract Award**

The CCGISC Technical Representatives recommend moving forward with **6-inch** capture and awarding the ortho-acquisition contract to Kucera of Willoughby, Ohio for a total amount of \$147,260; \$84,250 will be the responsibility of the Consortium, \$32,840 the responsibility of Piatt County, and \$30,170 the responsibility of Douglas County.

**Orthophotography Proposal Summary & Recommendation Rationale**

Two responses to the RFP were received; a summary of the provided bids is listed below:

Project Costs				
Entity	Ayes		Kucera	
	6-inch	3-inch	6-inch	3-inch
Champaign - Option 1: Base Cost	\$ 76,824.00	\$ 183,912.00	\$ 73,990.00	\$ 163,080.00
Piatt - Option 1: Base Cost	\$ 32,934.00	\$ 78,842.00	\$ 32,840.00	\$ 72,480.00
Douglas - Option 1: Base Cost	\$ 27,522.00	\$ 65,886.00	\$ 30,170.00	\$ 66,440.00
<b>Total Base Cost for Champaign/Piatt/Douglas</b>	<b>\$ 137,280.00</b>	<b>\$ 328,640.00</b>	<b>\$ 137,000.00</b>	<b>\$ 302,000.00</b>
Champaign - Option 2: Building Lean Reduction Area	\$ 4,160.00	\$ 4,160.00	\$ 1,620.00	\$ 3,240.00
Champaign - Option 3: Building Lean Elimination Points*	\$ 9,360.00	\$ 12,480.00	\$ 8,100.00	\$ 17,820.00
Champaign - Option 4: Building Lean Reduction/Elimination*	\$ 12,480.00	\$ 16,640.00	\$ 10,260.00	\$ 22,140.00
<b>TOTAL - Champaign County (Base + Option 4)</b>	<b>\$ 89,304.00</b>	<b>\$ 200,552.00</b>	<b>\$ 84,250.00</b>	<b>\$ 185,220.00</b>
<b>TOTAL - Piatt County (Base)</b>	<b>\$ 32,934.00</b>	<b>\$ 78,842.00</b>	<b>\$ 32,840.00</b>	<b>\$ 72,480.00</b>
<b>TOTAL - Douglas County (Base)</b>	<b>\$ 27,522.00</b>	<b>\$ 65,886.00</b>	<b>\$ 30,170.00</b>	<b>\$ 66,440.00</b>
<b>TOTAL PROJECT COSTS:</b>	<b>\$ 149,760.00</b>	<b>\$ 345,280.00</b>	<b>\$ 147,260.00</b>	<b>\$ 324,140.00</b>

This project includes the acquisition of county-wide 4-band, 6-inch resolution ortho-imagery. The Technical Representatives recommended obtaining imagery that incorporates building lean reduction and elimination techniques in densely developed areas with buildings greater than 5 stories as was done 2020. The reduction/elimination of building lean for tall structures throughout the County and in densely developed areas will limit the obstruction of ground features caused by building lean.

A few of the Technical Representatives expressed interest in 3-inch ortho-acquisition, however this is not supported with the current budget. Should 3-inch capture be of interest in future years, additional funds would be required.

As mentioned at the October 21, 2022 Policy Committee meeting, the State of Illinois is acquiring 6-inch ortho-imagery for all counties except DuPage and Cook. This was discussed with the CCGISC Technical Representatives and representatives from both Piatt and Douglas. Their recommendation was to move forward with the 2023 acquisition as planned. The State flight could take a year and a half to complete, the removal of building lean is not an option, and the agencies would ultimately have to accept the final deliverable “as is”.

The criteria used to rate the responses included Project Cost, Delivery Timeframe, Project Approach, Project Specifications, and References. Because the proposals did not contain significant variations with project approach, project specifications, or delivery timeframe and CCGISC has successfully worked with both vendors on past ortho-acquisition projects (most recently Kucera in 2017 and Ayres in 2020), the Technical Representatives recommended the vendor with the overall lowest bid.

The overall ranking of the proposals is found in the table below.

<b>2023 Ortho-acquisition Proposal Rankings</b>		
<i>1 to 3; 1 = first choice; 2 = second choice</i>		
<b>low value recommended</b>		
	<b>Ayres</b>	<b>Kucera</b>
Douglas County	2	1
Piatt County	1	2
Champaign County	2	1
City of Champaign	2	1
City of Urbana	2	1
Village of Rantoul	2	1
Village of Mahomet	2	1
Village of Savoy	2	1
UICU	2	1
<b>TOTAL:</b>	<b>17</b>	<b>10</b>