Los Angeles Region – Imagery Acquisition Consortium (LAR-IAC2)

**Briefing Meeting #1**

March 13, 2008

**Overall Project Status**

- The project is well underway
  - SOW finalized (even though contracts not)
  - County funding secured (ITF through CIO)
  - Flying/capturing began Jan 10, 2008
  - Almost 40 LAR-IAC2 participants (more to be added)
  - Project (vendor) teams are in place
  - Sanborn ready to start processing the imagery

**Agenda**

- Welcome & Introduction – LA County
- LAR-IAC2 – LA County Status Presentation – Nick Franchino
  - Overall Project Status
  - Contract Status (all vendors included here)
  - Flying/Capture Status
  - DTM Spot Updates – What we need from participants
  - Web Site Updates
- LAR-IAC2 – LA County Other Important Items – Mark Greninger
  - Participant Agreement
  - Participant Information
  - TAG (next steps)
  - Derivative Products
- Discussion / Other Items / Closing

**Contract Status Pictometry**

- Pictometry contract signatures expected soon
  - We have been working with Pictometry since October
  - We are as close as can be without a signed contract
  - Final version will go to County Purchasing Agent for signing
  - Their portion of costs is $1,076,000
Contract Status
Sanborn
- Sanborn is a sub of Pictometry – no contract
- Their contract with Pictometry is said to be final
- Their portion of costs is $986,000
- The Sanborn team is ready to work on the project (and have been coordinating efforts with Pictometry)

Contract Status
Dewberry
- Dewberry’s contract to go to the Los Angeles County Board of Supervisor’s next Tuesday (3/18/2008)
- Their contract includes Pinnacle Mapping Technologies as a subcontractor
- Their contract includes aesthetic QC of all ortho tiles (last time only 1/3 of tiles QC’d this way)
- Their contract is for $645,000

Contractor Costs
- Pictometry contract - total is for $2.3 million (that includes the Sanborn portion and a 10% contingency; that can be used for optional work)
- Dewberry contract – total is $645,000 (also includes approximately 10% for use as a contingency)

From Last Meeting
LAR-IAC2 Costs

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Product Description</th>
<th>Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pictometry</td>
<td>Color Oblique Imagery (4” neighborhoods, 12” community shots, EPS, ActiveX, ArcGIS Extension and Change Analysis)</td>
<td>$1,075,000</td>
</tr>
<tr>
<td>Sanborn</td>
<td>Color Orthogonal Imagery (4” and 1” resolutions, certified product from Pictometry imagery capture)</td>
<td>$986,000</td>
</tr>
<tr>
<td>Dewberry</td>
<td>Independent QA/QC and Distribution (including data format preparation)</td>
<td>$645,000</td>
</tr>
<tr>
<td>Infotech</td>
<td>License change for Digital Terrain Model (DTM) (for 3m posting version for public realm)</td>
<td>$87,000</td>
</tr>
<tr>
<td></td>
<td>Total Estimated Vendor Costs</td>
<td>$2,793,000</td>
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<tr>
<td></td>
<td>Total Committed-To-Date</td>
<td>$3,800,000</td>
</tr>
</tbody>
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Flying/Capture Status

• Here’s where they were as of last Friday (3/7/2008)

• LAR-IAC2 progression

DTM Spot Updates

• What we need from participants:
  – Areas with significant change to the landscape that would affect the orthorectification of the imagery
  – Please supply us with either a shapefile, a list of APNs, or an address for the location of the project (to Dan Hoffman; dhoffman@planning.lacounty.gov)
  – We need your information by Wednesday 3/19/08
  – Here’s what we sent; e-mail and attachment

Web Site Updates

• We’ve updated the site over the past couple of months
  – We added an ‘Archive’ section for all LAR-IAC items related to the first project
  – Under ‘Downloads’ we added the two grids we’ll be using for LAR-IAC2
  – More samples (screenshots) available
  – All presentations from every meeting; still available
  – http://planning.lacounty.gov/LARIAC

From Last Time

• The Kickoff Meeting Presentation is still available on our web site

• A Few Important Things to Remember
  – Simplified Schedule
  – Participants Follow Up
### Simplified Schedule

- **May-Oct 2007** scope out LAR-IAC2 needs and get support from participants (ongoing after that)
- **Sep-Dec 2007** setup contracts (all firms)
- **Oct-Nov 2007** setup bridge funding (CIO and CEO)
- **Jan-Feb 2008** finalize contracts
- **Jan 2008** start flying
- **Mar-Apr 2008** flying completed...start processing
- **Apr-Aug 2008** QC underway
- **Oct-Dec 2008** delivery underway

### Participants Follow-Up

- Get us information for large grading projects since March 2006 – notice has been sent out
- External hard drives will be provided
- Provide us updated contact information
- Follow (adhere to) participant and licensing agreements
- Attend ongoing LAR-IAC2 Briefing Meetings, LAR-IAC User Group and Pictometry training sessions
- Continue to spread the word (more participants equals less costs for all involved)

### Meeting Schedule for 2008

- **Mar 27** – LAR-IAC User Group Meeting (#4) (Q1) (afternoon)
- **May 8** – LAR-IAC2 Briefing Meeting #2 (morning)
- **May 29** – LAR-IAC User Group Meeting #5 (Q2) (afternoon)
- **July 17** – LAR-IAC2 Briefing Meeting #3 (morning)
- **August 21** – LAR-IAC User Group Meeting #6 (Q3) (afternoon)
- **September 11** – LAR-IAC2 Briefing Meeting #4 (morning)
- **November 6** – LAR-IAC2 Briefing Meeting #5 (morning)
- **November 20** – LAR-IAC2 User Group #7 (Q4) (afternoon)
  - Full schedule

### Next Presentation

Mark Greninger, GIO
Project Director
**Other Important Items**

- Participant Information
- Participant Agreement
  - Contractor Sublicense
- TAG - next steps
- Derivative Products

**Participant Agreement**

- Letters sent March 12, 2008
- Sent to participants who sent us a letter of intent
- Two payment options
  - 50% up front, 50% upon delivery
  - 100% up front
- Read the license terms
- I will provide word file to add signature block

**Participant Information**

**Current Status**

- 24 Cities
- 11 County Departments
- 3 Outside Agencies
- $3.8 million committed through letters of intent

**Participant Agreement**

- Confidentiality and Non-Disclosure Agreement
- For participants to provide to their contractors
- One form compared to 2 for LAR-IAC
Derivative Products

- Two additions to LAR-IAC2 are in the works
  - Building models
  - Data access from County

Building Models

- Building models are a critical GIS data layer
  - Used for emergency response, addressing, planning, public communication
- Derivative from LAR-IAC2 data products
- Extend the LAR-IAC2 contract to include them
- Dependent upon funding and cost

Building Models

- LAR-IAC2 will provide access to building models
  - Level 1 – footprint with single 3D value
  - Level 2 – architectural building
  - Level 3 – full building model with pictures “pasted” onto the sides (building facades)
Building Models

• Level 1 – included in LAR-IAC2 price (depending upon final funding)
• Level 2 and 3
  – Cities can “buy up” to acquire for specific areas
  – Price per building x # of buildings = cost
  – Add to your existing cost

Web Distribution

• LAR-IAC2 data can be difficult to deploy
• Cost and capability has reduced participation from small cities
• County has experience and capacity to support deployment
• CEO and CIO support greater participation
• Idea – provide web-based access to LAR-IAC2 and property data

Building Models

• Technical Advisory Group (TAG) will meet to determine specifications for each level
• This is valuable data that can help you sell LAR-IAC2 (if necessary)

Web Distribution

• County will provide a single read-only application
• Like public GIS-NET
  – Password protected
  – Access to property information and other GIS data layers.
• No rights to the data outside this application
Web Distribution

- Cost
  - Estimate is about $1 per parcel per year
  - Need to recover County’s costs for application support of about $100,000 per year and benefits to LAR-IAC2 members
- Can help bring other members to the consortium
- Please gather interest