



## Travis County Commissioners Court Agenda Request

**Meeting Date:** February 28, 2012

**Prepared By/Phone Number:** J. Lee Perry / 854-9724; Marvin Brice  
CPPB / 854-9765

**Elected/Appointed Official/Dept. Head:** Cyd Grimes C.P.M, CPPO

**Commissioners Court Sponsor:** Judge Biscoe

**Agenda Language:** Approve Interlocal No.IL120130LP, Light Detection and Ranging (LiDAR) Services with The Capital Area Council of Governments (CAPCOG).

- **Purchasing Recommendation and Comments:** Purchasing concurs with department and recommends approval of requested action. This procurement action meets the compliance requirements as outlined by the statutes.
- Transportation & Natural Resources Department (TNR) request that Travis County enter into an Interlocal agreement with CAPCOG to obtain LiDAR data for 97 square miles.

LiDAR (Light Detection and Ranging) is an optical remote sensing technology that will be utilized to create detailed topographic mapping that will facilitate planning, floodplain mapping, flood hazard assessment, project feasibility studies, design of roadway and drainage related projects.

TNR request Court approval of this Interlocal agreement with CAPCOG , for LiDAR data in the amount of \$36,750.00.

- **Contract Expenditures:** This is a new contract; \$0 has been spent against this contract.

AGENDA REQUEST DEADLINE: All agenda requests and supporting materials must be submitted as a pdf to Cheryl Aker in the County Judge's office, [Cheryl.Aker@co.travis.tx.us](mailto:Cheryl.Aker@co.travis.tx.us) by Tuesdays at 5:00 p.m. for the next week's meeting.

➤ **Contract-Related Information:**

Award Amount: \$36,750.00  
Contract Type: Interlocal Agreement  
Contract Period: Through Completion

➤ **Contract Modification Information:** N/A

Modification Amount:  
Modification Type:  
Modification Period:

➤ **Solicitation-Related Information:** N/A

Solicitations Sent:	Responses Received:
HUB Information:	% HUB Subcontractor:

➤ **Special Contract Considerations:**

- Award has been protested; interested parties have been notified.
- Award is not to the lowest bidder; interested parties have been notified.
- Comments:

➤ **Funding Information:**

- Purchase Requisition in H.T.E.: 551150
- Funding Account(s): 001-4905-621-6099
- Comments:

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Manilla-?



Lee  
2.14.12  
MB

**TRANSPORTATION AND NATURAL RESOURCES**  
**STEVEN M. MANILLA, P.E., COUNTY EXECUTIVE**

411 West 13<sup>th</sup> Street  
Executive Office Building, 11<sup>th</sup> Floor  
P. O. Box 1748  
Austin, Texas 78767  
(512) 854-9383  
FAX (512) 854-4697

February 13, 2012

**MEMORANDUM**

**TO:** Cyd Grimes, County Purchasing Agent  
*Caryl B. Doyle for*  
**FROM:** Steven M. Manilla, County Executive, TNR  
**SUBJECT:** Interlocal Agreement  
LIDAR for Geomap 2012 Work Order

**RECEIVED**  
FEB 18 2012  
TRAVIS COUNTY  
PURCHASING OFFICE

TNR requests that Travis County enter into an interlocal agreement with The Capital Area Council of Governments ("CAPCOG") to obtain LiDAR data for 97 square miles for a total cost of \$36,750.00.

LiDAR (Light Detection and Ranging) is an optical remote sensing technology that will be used to create detailed topographic mapping that will facilitate planning, floodplain mapping, flood hazard assessment, project feasibility studies, design of roadway and drainage related projects.

The funds have been pre-encumbered on requisition 551150. The commodity/sub-commodity for this service is 962/052 and the budgeted account number is 001-4905-621-6099.

If you should have any questions or need further information, please contact Christina Jensen at (512) 854-7670.

*[Signature]*  
CJ:SMM:cj

**CAPITAL AREA COUNCIL OF GOVERNMENTS**

**LIDAR INTERLOCAL CONTRACT FOR GEOMAP 2012 WORK ORDER**

**4511-33-TC**

**Art. 1. Parties and Purpose**

The Capital Area Council of Governments ("CAPCOG") is a regional planning commission and political subdivision of the State of Texas organized and operating under the Texas Regional Planning Act of 1965, as amended, chapter 391 of the Local Government Code.

- 1.1 Travis County is a Texas local government that is seeking to obtain Light Distance and Ranging ("LiDAR") goods and services (the "LiDAR Project" or the "Project").
- 1.2 CAPCOG has contracted with Sanborn Map Company, Inc. ("Sanborn") to provide these goods and services to Travis County. This interlocal contract is entered into and between CAPCOG and Travis County under chapter 791 of the Government Code (this "Agreement") so that Travis County can contribute funding toward the development of LiDAR data being developed jointly by Travis County and CAPCOG through CAPCOG's contract with Sanborn.

**Art. 2. Goods and Services**

2.1 CAPCOG agrees to furnish Travis County the LiDAR goods and services according to the delivery schedule described in Section 3.2 of this Agreement and in accordance with the attached Exhibit A (Work Order and Map) to this contract. The services will be performed by Sanborn for CAPCOG under Sanborn's contract with CAPCOG for the Capital Area Geospatial Base Map Project, as amended (the "CAPCOG/Sanborn Contract"), and CAPCOG will in turn provide the goods and services to Travis County. CAPCOG agrees to enforce the provisions of the CAPCOG/Sanborn Contract.

2.2 CAPCOG will cause each deliverable to be promptly delivered to Travis County, so that Travis County can assess the deliverable and notify CAPCOG, within 15 business days after receipt of the deliverable, that the deliverable is either acceptable or deficient.

2.3 If Travis County notifies CAPCOG of a deficiency in a deliverable, CAPCOG will acknowledge receipt of the notice within 5 business days and promptly seek correction of the deficiency by Sanborn in accordance with the terms of the CAPCOG/Sanborn Contract.

### **Art. 3. Contract Price and Payment Terms**

3.1 Travis County agrees to provide funding to CAPCOG under this contract, solely from current revenues available to Travis County, with a total value not to exceed \$36,750.00. The total contract value includes a project management fee of \$1,750.00, which is equal to 5% of the price CAPCOG will pay Sanborn under the particular work order executed to provide goods and services for Travis County. In each invoice submitted for an installment payment under Section 3.2, CAPCOG agrees to invoice Travis County for the percentage of the project management fee equal to the installment percentage due under Section 3.2.

3.2 Travis County agrees to provide installment payments to CAPCOG based on the Deliverable Schedule shown below:

- 30% when CAPCOG provides to the County written confirmation that Sanborn has provided all pre-flight planning deliverables
- 30% when CAPCOG provides to the County written confirmation that Sanborn has completed all LiDAR data acquisition for the Project
- 30% when CAPCOG provides documentation to the County that Sanborn has processed the deliverables
- 10% when the County has received and is satisfied with all deliverables for the Project

3.3 Invoices requesting payment along with attached documentation provided by Sanborn to CAPCOG that the Deliverable milestones have been met, as per Section 3.2, shall be delivered to: Travis County Transportation and Natural Resources, P.O. Box 1748, Austin, TX 78767-1748, Attention: David Shore, GIS Coordinator.

3.4 Travis County agrees to pay the invoice within 30 days after it receives the invoice, as required by the Prompt Payment Act, chapter 2251 of the Government Code.

3.5 CAPCOG agrees to provide funding and/or in-kind services to Sanborn under its Contract for the Capital Area Geospatial Base Map Project, as currently amended, with a total value not to exceed \$35,000.00 in order to provide funding for performance of the contract.

### **Art. 4 Effective Date and Term of Contract**

4.1 This contract takes effect on the date it is signed on behalf of CAPCOG and it ends, unless sooner terminated under Art. 6 or 7, when the total value of funding, as set out in paragraph 3.1, has been furnished by Travis County, or on September 30, 2012, whichever comes first.

**Art. 5. Nondiscrimination and Equal Opportunity**

5.1 CAPCOG and Travis County will not unlawfully discriminate against anyone in carrying out this contract because of race, color, religion, national origin, sex, age, disability, handicap, or veteran status.

**Art. 6. Termination of Contract for Unavailability of Funds**

6.1 Travis County acknowledges that CAPCOG is a governmental entity without taxing power and agrees that CAPCOG may terminate this contract in whole or in part if CAPCOG learns that funds to pay for the goods or services will not be available at the time of delivery or performance.

6.2 CAPCOG terminates this contract for unavailability of funds by giving Travis County notice of the termination, as soon as it learns of the funding unavailability, and specifying the termination date, which may not be less than 15 calendar days from the notice date. The contract terminates on the specified termination date.

**Art. 7. Termination for Breach of Contract**

7.1 (a) If Travis County or CAPCOG breaches a material provision of this contract, the other may notify the breaching party describing the breach and demanding corrective action. The breaching party has five business days from its receipt of the notice to correct the breach, or to begin and continue with reasonable diligence and in good faith to correct the breach. If the breach cannot be corrected within a reasonable time, despite the breaching party's reasonable diligence and good faith effort to do so, the parties may agree to terminate the contract or either party may invoke the dispute resolution process of Art. 8.

(b) If Sanborn breaches its contract with CAPCOG, so that the LIDAR goods and services are not delivered to Travis County, CAPCOG may terminate this contract by giving Travis County notice of the termination, as soon as it learns of the nondelivery, and specifying the termination date, which may not be less than 15 calendar days from the notice date. The contract terminates on the specified termination date.

7.2 Termination for breach under Art. 7.1 does not waive either party's claim for damages resulting from the breach.

**Art. 8. Dispute Resolution**

8.1 The parties desire to resolve disputes arising under this contract without litigation. Accordingly, if a dispute arises, the parties agree to attempt in good faith to resolve the dispute between themselves. To this end, the parties agree not to sue one another, except to enforce compliance with this Art. 8, toll the statute of limitation, or seek an injunction, until they have exhausted the procedures set out in this Art. 8.

8.2 At the written request of either party, each party shall appoint one nonlawyer representative to negotiate informally and in good faith to resolve any dispute arising under this

contract. The representatives appointed shall determine the location, format, frequency, and duration of the negotiations.

8.3 If the representatives cannot resolve the dispute within 30 calendar days after the first negotiation meeting, the parties agree to refer the dispute to the Dispute Resolution Center of Travis County for mediation in accordance with the Center's mediation procedures by a single mediator assigned by the Center. Each party shall pay half the cost of the Center's mediation services. Unless both parties are satisfied with the result of the mediation, the mediation will not constitute a final and binding resolution of the dispute. All communications within the scope of the mediation are to remain confidential as described in Section 154.073 of the Texas Civil Practice and Remedies Code, unless both parties agree, in writing, to waive the confidentiality.

8.4 The parties agree to continue performing their duties under this contract, which are unaffected by the dispute, during the negotiation and mediation process.

#### **Art. 9. Notice to Parties**

9.1 Notice to be effective under this contract must be in writing and received by the party against whom it is to operate. Notice is received by a party: (1) when it is delivered to the party personally; (2) on the date shown on the return receipt if mailed by registered or certified mail, return receipt requested, to the party's address specified in paragraph 9.2 and signed on behalf of the party; or (3) three business days after its deposit in the United States mail, with first-class postage affixed, addressed to the party's address specified in Art. 9.2.

9.2 CAPCOG's address is 6800 Burleson Road, Building 310, Suite 165, Austin, TX 78744, Attention: Betty Voights, Executive Director. Travis County's address is: Travis County Transportation and Natural Resources, P.O. Box 1748, Austin, TX 78767-1748, Attention: Samuel T. Biscoe, County Judge.

9.3 A party may change its address by providing notice of the change in accordance with Art. 9.1.

#### **Art. 10. Miscellaneous**

10.1 Each individual signing this contract on behalf of a party warrants that he or she is legally authorized to do so and that the party is legally authorized to perform the obligations.

10.2 (a) This contract states the entire agreement of the parties, and an amendment to it is not effective unless in writing and signed by all parties.

(b) Exhibit A, including the map attached thereto, is part of this contract.

10.3 This contract is binding on and inures to the benefit of the parties' successors in interest.

10.4 This contract is executed in duplicate originals.



10.5 **Non-Waiver of Default.** No payment, act, or omission by the County may constitute or be construed as a waiver of any breach or default of CAPCOG which then exists or may subsequently exist. All rights of the County under this Agreement are specifically reserved and any payment, act, or omission is not to be construed to impair or prejudice any remedy or title to the County under it. Any right or remedy in this Agreement does not preclude the exercise of any other right or remedy under this Agreement or under any law, except as expressly provided in this Agreement, nor will any action taken in the exercise of any right or remedy be deemed a waiver of any other rights or remedies.

19.6 **No Waiver of Immunity.** It is expressly understood and agreed by the Parties that neither the execution of this Agreement nor any conduct of any representative of CAPCOG or County relating to this Agreement will be considered to waive, nor will it be deemed to have waived, any immunity or defense that would otherwise be available to that entity against claims arising in the exercise of its governmental powers and functions, nor will it be considered a waiver of sovereign immunity to suit.

10.7. This Agreement is between Travis County and CAPCOG. This Agreement is not intended, nor may it be construed, to confer any benefits, rights, or remedies upon any person not a party hereto.

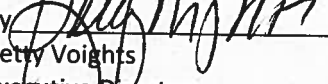
10.8 If performance by any Party of any obligation under this Agreement is interrupted or delayed by reason of unforeseeable event beyond its control, whether such event is an act of God or the common enemy, or the result of war, riot, civil commotion, sovereign conduct other than acts of the County under this Agreement, or the act of conduct of any person or persons not a party or privy hereto, then such Party will be excused from such performance for such period of time as is reasonably necessary after such occurrence to remedy the effects thereof.

10.9 **Successors and Assigns.** This Agreement is binding upon and inures to the benefit of the County and CAPCOG and their respective successors, executors, administrators, and assigns. Neither the County nor CAPCOG may assign, sublet, or transfer its interest in or obligations under this Agreement without the written consent of the other party hereto. IT IS EXPRESSLY ACKNOWLEDGED THAT NO OFFICIAL, EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE COUNTY HAS ANY AUTHORITY, EITHER EXPRESS OR IMPLIED, TO AMEND THIS AGREEMENT EXCEPT PURSUANT TO SUCH EXPRESS AUTHORITY AS MAY BE GRANTED BY THE COMMISSIONERS COURT.

TRAVIS COUNTY, TEXAS

CAPITAL AREA COUNCIL OF GOVERNMENTS

By \_\_\_\_\_  
Samuel T. Biscoe  
County Judge

By   
Betty Voights  
Executive Director

Date \_\_\_\_\_

Date 2-9-12



**AVAILABILITY OF FUNDS CONFIRMED:**

By: \_\_\_\_\_  
Susan Spataro  
Travis County Auditor

**APPROVED AS TO FORM:**

By: \_\_\_\_\_  
Cyd V. Grimes, C.P.M., CPPO  
Travis County Purchasing Agent

**APPROVED AS TO FORM:**

By: \_\_\_\_\_  
  
Assistant County Attorney

**DRAFT**

**EXHIBIT A**

**CAPITAL AREA COUNCIL OF GOVERNMENTS**

**GEOMAP 2012 WORK ORDER 4511-33-TC**

When signed on behalf of CAPCOG, this Work Order authorizes Sanborn to provide the goods and services described in the Scope of Work set out below in accordance with the timetable set out in the Scope of Work.

CAPCOG agrees to pay Sanborn the firm fixed price of \$35,000.00 for the goods and services provided under the Scope of Work.

This Work Order is subject to all of the terms and conditions of the Contract for the Capital Area Geospatial Base Map Project, as currently amended, between CAPCOG and Sanborn.

CAPCOG agrees to enforce all of the provisions of the CAPCOG/Sanborn Contract to ensure that all deliverables for the Project meet the standards set forth in the attached LiDAR Data Specifications.

**SCOPE OF WORK**

CAPCOG will provide the County LiDAR goods and services for 97 square miles (Q4 tiles) for a total price of \$36,750.00, or \$378.87 per unit tile. Each of the Q4 tiles is depicted in the attached map. Further details of the overall Scope of Work and Work Order are set forth in the attachments to the CAPCOG/Sanborn Contract.

Within ten business days after CAPCOG receives the project plan prepared by Sanborn, CAPCOG will deliver the project plan to the County.

**MAP  
(SEE ATTACHMENT)**

THE SANBORN MAP  
COMPANY, INC.

CAPITAL AREA COUNCIL OF  
GOVERNMENTS

By \_\_\_\_\_

By \_\_\_\_\_

John Copple  
Chief Executive Officer

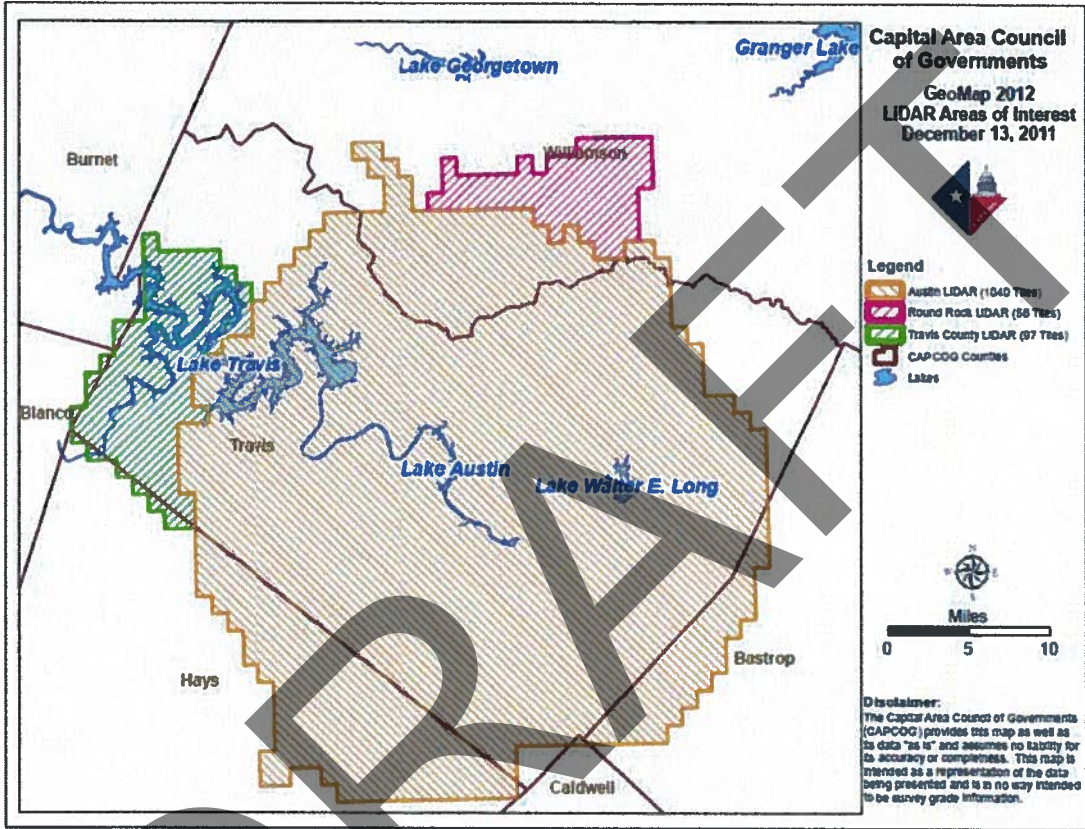
Betty Voights  
Executive Director

Date \_\_\_\_\_

Date \_\_\_\_\_

# LiDAR Data Specifications

The Round Rock lidar area and Travis County area adhere to the same specifications (defined below) as the City of Austin Lidar dataset being produced under Work Order #4448.



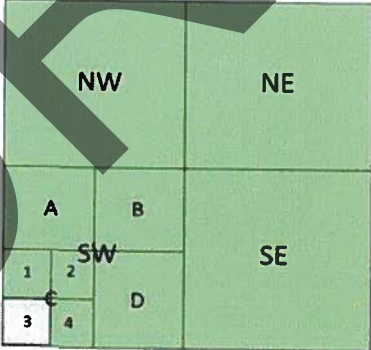
LiDAR Data Acquisition		
Requirement	Description	Specification
Collection Conditions	Cloud and fog-free between the aircraft and ground. Leaf-off is preferred when possible to facilitate ground acquisition. Ground should be snow free and no unusual flooding or inundation unless requirement waived in advance.	*
Returns per pulse	LiDAR sensor shall be capable of recording up to 3 (or more) returns per pulse, including 1st and last returns	*
Scan angle	From center scan angle $\leq \pm 20$ degrees. Full scan angle $\leq 40^\circ$ .	*
Swath overlap	Nominal 50% side lap on adjoining swaths, i.e., survey shall be designed for 100% double coverage at planned aircraft height above ground	50%

Design pulse density (nominal)	Pulses/m <sup>2</sup> (includes swath overlap; e.g., with 50% side lap, ≥ 2 pulse/m <sup>2</sup> in each swath)	≥4
GPS procedures	At least 2 GPS reference stations in operation during all missions, sampling positions at 1 Hz or higher frequently. CORS stations will be selected in consultation with the Texas Height Modernization Program at the Texas Spatial Reference Center (TSRC). Differential GPS baseline lengths shall not exceed 30 km. Differential GPS unit in aircraft shall sample position at 2 Hz or higher. LiDAR data shall only be acquired when GPS PDOP is ≤ 3.5 and at least 6 satellites are in view.	*
Survey Conditions	Leaf-off and no significant snow cover or flood conditions, as observed by City of Austin Contract Representatives. Cloud and fog-free between the aircraft and ground.	*
<b>Accuracy</b>		
Horizontal Accuracy	RMSE(xy)	<50 cm
Vertical Accuracy	RMSW(z)	<10 cm

<b>Geographic Coverage and Continuity</b>	
Coverage	No voids between swaths. No voids because of cloud cover or instrument failure.
Swath overlap	≤ 40% no-overlap area per project.
Aggregate 1 <sup>st</sup> return density	Barring non-scattering areas (e.g., open water, wet asphalt): For entire project area, ≥ 85% design pulse density Within any 30m x 30m area within areas of swath overlap, ≥ 50% design pulse density
<b>Spatial Reference Framework</b>	
Vertical Datum	NAVD88, Geoid03, unless otherwise specified
Horizontal Datum	NAD83
Projection	State Plane Central Texas
Vertical Units	Feet (Orthometric, NAVD88)
Horizontal Units	U.S. Survey Feet



**LiDAR**

Deliverables- for Travis County and Round Rock Area	
Report of Survey & GPS	Text report that describes survey methods; results; LiDAR provider's accuracy assessments (with backup GPS and IMS sensor measurements ) including internal consistency and absolute accuracy; file formats; file-naming schemes; tiling schemes, .pdf, .doc, or .odt format
Aircraft trajectories (SBET files)	Aircraft position (easting, northing, elevation) and attitude (heading, pitch, roll) and GPS time recorded at regular intervals of 1 second or less. May include additional attributes. ASCII text or ESRI file geodatabase format
All-return point cloud	List of all valid returns in LAS format. For each return: GPS week, GPS second, easting, northing, elevation, intensity, return#, return classification. May include additional attributes. No duplicate entries. GPS second shall be reported to the nearest microsecond (or better). Easting, northing, and elevation shall be reported to nearest 0.01 m (nearest 0.01 ft). Classification of returns shall be as complete as is feasible (including classes: 1. Unclassified, 2. Ground, 3. Low Vegetation (any vegetation below 4 feet over the ground) , 4. Medium Vegetation (between 4-12 feet), 5. High Vegetation (taller than 12 feet), 6 Building, 7. Low Point (noise), 9. Water, 15. Bridges, and 17. Culverts), without avoidable return misclassification. When the identification of a feature as a bridge or culvert cannot be made reliably, the feature should be regarded as a culvert. Cloud file structure shall conform to 1/64th USGS 7.5-minute quadrangle tiles (0.9375 minute by 0.9375 minute), using established CAPCOG file naming convention below. Point cloud should fill entire area of each tile. Note: The City of Austin will supply LiDAR provider Bridges and Culverts location shapefiles to assist with the location of all features as well as watershed boundaries.
CAPCOG File Naming Convention	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>USGS 7.5min Quad: <b>JOLLYVILLE</b></p>  </div> <div style="flex: 1; border: 1px solid black; padding: 5px;"> <p style="text-align: right;">S</p> <p style="text-align: right;">:-</p> <p style="text-align: right;">ending</p> <p style="text-align: right;">rn, lr</p> <p style="text-align: right;">s file,</p> <p style="text-align: right;">etc):</p>   <p style="text-align: right;">is, text</p> <p style="text-align: right;">ITY :</p> <p style="text-align: right;">ville-</p> </div> </div>
USGS Quarter Quad: "JOLLYVILLE-SWC3" Sample naming system	
2' Contours	2' Contours compliant with NMAS standards for 2' contours, edge matched and tagged with source LAS file, in both a seamless layer and in tiles matching the LAS point cloud deliverables. Contours smoothed using level 6 (middle of range).
Special Contours	Contours at 429.0 ft, 492.8 ft, 504.9 ft, 554.5 ft, and 681.0 ft, compliant with NMAS standards for 2' contours in a seamless layer. Layer schema will be approved at kick-off meeting.

<b>Hydro-Flattening Breaklines</b>	<p>All breaklines developed for use in hydro-flattening shall be delivered as a 3D feature class in an ESRI file geodatabase.</p> <p>Each shall be properly formatted and have accurate georeference information.</p> <p>Breakline elevations will use the same coordinate reference system (horizontal and vertical) and units as the LiDAR point delivery.</p> <p>Breakline delivery must be in the same tiling scheme as the LiDAR point delivery. Tiled deliveries must edge-match seamlessly in both the horizontal and vertical.</p> <p>Hydro-flattening refers to DRAFT USGS Base LiDAR Specification Version 13. The intent of these breaklines is to accurately depict water feature surfaces having a continuous surface elevation. (Data collected as 2 acres or greater and drains a 100' wide or greater).</p>
<b>Formal metadata</b>	<p>Tile based FGDC compliant metadata in XML format, one metadata file per tile per deliverable. Deliverables include LAS all point clouds, LAS bare earth point clouds, breaklines, intensity TIFFs and 10' DEMs (10' DEMs can be delivered in bigger areas, even one file for the whole AOI, in this case only one metadata file is needed to describe the 10' DEM.)</p>

DRAFT

Purchase Requisition

Number . . . . . : 0000551150  
 Type . . . . . : 1 PURCHASE REQUISITION  
 Status . . . . . : READY FOR BUYER PROCESS  
 Reason . . . . . : PENDING COURT APPROVAL OF INTERLOCAL  
 By . . . . . : CHRISTINA JENSEN 854-9383  
 Date . . . . . : 1/24/12  
 Vendor . . . . . : CAPITAL AREA COUNCIL  
 Contract nbr . . . . . :  
 Ship to . . . . . : AI AS INDICATED BELOW  
 Deliver by date . . . . . : 1/31/12  
 Buyer . . . . . : LP LEE PERRY  
 Fiscal year code . . . . . : C C=Current year, P=Previous year, F=Future year

Type options, press Enter.

5=Display 8=Item extended description

Opt Line#	Quantity	UOM	Description
1	36750.00	DOL	LIDAR IMAGERY FOR 97 SQUARE MILES AS PROVIDED BY THE GEOSPATIAL BASE MAP PROJECT BETWEEN SANBORN AND CAPCOG

Total: 36750.00

COMMENTS EXIST

F3=Exit F7=Alternate view  
 F10=Approval info F12=Cancel F20=Comments

F9=Print



Fiscal Year 2012

Account Balance Inquiry

14:50:26

Account number . . . . : 1-4905-621.60-99  
 Fund . . . . . : 001 GENERAL FUND  
 Department . . . . . : 49 TNR (TRANS & NATRL RESRC)  
 Division . . . . . : 05 COMPREHENSIVE PLANNING  
 Activity basic . . . . : 62 INFRA-ENV SCVS (TRNS&RDS)  
 Sub activity . . . . . : 1 TNR (TRANS & NATRL RESRC)  
 Element . . . . . : 60 OTHER PURCHASED SERVICES  
 Object . . . . . : 99 CONTRACTED SERVICES

Original budget . . . . . :	68,973	
Revised budget . . . . . :	93,973	10/01/2011
Actual expenditures - current . . . :	.00	
Actual expenditures - ytd . . . . :	.00	
Unposted expenditures . . . . . :	.00	
Encumbered amount . . . . . :	600.00	
Unposted encumbrances . . . . . :	.00	
Pre-encumbrance amount . . . . . :	91,250.92	
Total expenditures & encumbrances:	91,850.92	97.7%
Unencumbered balance . . . . . :	2,122.08	2.3

**F5=Encumbrances**      **F7=Project data**                      **F8=Misc inquiry**  
**F10=Detail trans**    **F11=Acct activity list**                      **F12=Cancel**                      **F24=More keys**