

REQUEST FOR LEGISLATIVE ACTION

Completed by County Counselor's Office:

Res/~~Ord~~ No.: 18289

Sponsor(s): Bob Spence

Date: October 28, 2013

| | | | | | | | | | | | | | | | |
|---|--|---|-------------|--|---|--|-------------|--|-------------|---|--|---|-------------|---|-------------|
| SUBJECT | <p>Action Requested <input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Ordinance</p> <p>Project/Title: <u>Transferring \$57,410.00 within the Public Works Department's budget and authorizing the purchase of an Automatic Vehicle Locating/GPS System for use by the Public Works Department from Location Technologies, Inc. of Parkville, Missouri under the terms and conditions of the City of Kansas City, Missouri Contract No. EV 1081, an existing government contract.</u></p> | | | | | | | | | | | | | | |
| BUDGET INFORMATION <i>To be completed By Requesting Department and Finance</i> | <table border="1"> <tr> <td>Amount authorized by this legislation this fiscal year:</td> <td>\$57,410.00</td> </tr> <tr> <td>Amount previously authorized this fiscal year:</td> <td>\$</td> </tr> <tr> <td>Total amount authorized after this legislative action:</td> <td>\$57,410.00</td> </tr> <tr> <td>Amount budgeted for this item * (including transfers):</td> <td>\$57,410.00</td> </tr> <tr> <td>Source of funding (name of fund) and account code number:</td> <td></td> </tr> <tr> <td>Transfer From: 004-1506-56520 Road & Bridge, Public Works, Maintenance and Repair – Heavy Equipment</td> <td>\$57,410.00</td> </tr> <tr> <td>Transfer To: 004-1506-58160 Road & Bridge, Public Works, Radio/Communications Equipment</td> <td>\$57,410.00</td> </tr> </table> <p>* If account includes additional funds for other expenses, total budgeted in the account is: \$</p> <p>OTHER FINANCIAL INFORMATION:</p> <p><input type="checkbox"/> No budget impact (no fiscal note required) <input type="checkbox"/> Term and Supply Contract (funds approved in the annual budget); estimated value and use of contract: Department: Estimated Use: \$</p> <p>Prior Year Budget (if applicable): Prior Year Actual Amount Spent (if applicable):</p> | Amount authorized by this legislation this fiscal year: | \$57,410.00 | Amount previously authorized this fiscal year: | \$ | Total amount authorized after this legislative action: | \$57,410.00 | Amount budgeted for this item * (including transfers): | \$57,410.00 | Source of funding (name of fund) and account code number: | | Transfer From: 004-1506-56520 Road & Bridge, Public Works, Maintenance and Repair – Heavy Equipment | \$57,410.00 | Transfer To: 004-1506-58160 Road & Bridge, Public Works, Radio/Communications Equipment | \$57,410.00 |
| Amount authorized by this legislation this fiscal year: | \$57,410.00 | | | | | | | | | | | | | | |
| Amount previously authorized this fiscal year: | \$ | | | | | | | | | | | | | | |
| Total amount authorized after this legislative action: | \$57,410.00 | | | | | | | | | | | | | | |
| Amount budgeted for this item * (including transfers): | \$57,410.00 | | | | | | | | | | | | | | |
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| Transfer From: 004-1506-56520 Road & Bridge, Public Works, Maintenance and Repair – Heavy Equipment | \$57,410.00 | | | | | | | | | | | | | | |
| Transfer To: 004-1506-58160 Road & Bridge, Public Works, Radio/Communications Equipment | \$57,410.00 | | | | | | | | | | | | | | |
| PRIOR LEGISLATION | <p>Prior ordinances and (date): Prior resolutions and (date):</p> | | | | | | | | | | | | | | |
| CONTACT INFORMATION | <p>RLA drafted by (name, title, & phone): Barbara Casamento, Purchasing Supervisor, 881-3253</p> | | | | | | | | | | | | | | |
| REQUEST SUMMARY | <p>The Public Works Department would like to purchase an Automatic Vehicle Locating/GPS System for their fleet of dump trucks. The AVL/GPS System will allow Public Works to manage and track their vehicles, which haul loads in the summer and plow snow in the winter and enable to respond quicker to citizen needs.</p> <p>Pursuant to Section 1030.4 of the Jackson County Code, the Director of Finance and Purchasing recommends the purchase of an AVL/GPS System for use by the Public Works Department from Location Technologies of Parkville, Missouri under the terms and conditions of the City of Kansas City, Missouri Contract No. EV1081, an existing government contract, in the amount of \$57,410.00. The Director of Finance and Purchasing recommends the purchase be made under this contract due to the higher volume discounts offered to larger entities.</p> <p>The Director of Finance and Purchasing also requests the transfer of \$57,410.00 within the Public Works Departments budget as follows:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;"></td> <td style="text-align: center;">FROM:</td> <td style="text-align: center;">TO:</td> </tr> <tr> <td>004-1506-56520 Road & Bridge, Public Works, Maintenance and Repair of Heavy Equipment</td> <td style="text-align: center;">\$57,410.00</td> <td></td> </tr> <tr> <td>004-1506-58160 Road & Bridge, Public Works, Radio/Communications Equipment</td> <td></td> <td style="text-align: center;">\$57,410.00</td> </tr> </table> | | FROM: | TO: | 004-1506-56520 Road & Bridge, Public Works, Maintenance and Repair of Heavy Equipment | \$57,410.00 | | 004-1506-58160 Road & Bridge, Public Works, Radio/Communications Equipment | | \$57,410.00 | | | | | |
| | FROM: | TO: | | | | | | | | | | | | | |
| 004-1506-56520 Road & Bridge, Public Works, Maintenance and Repair of Heavy Equipment | \$57,410.00 | | | | | | | | | | | | | | |
| 004-1506-58160 Road & Bridge, Public Works, Radio/Communications Equipment | | \$57,410.00 | | | | | | | | | | | | | |

| | | |
|-------------|---|-----------------------|
| CLEARANCE | <input type="checkbox"/> Tax Clearance Completed (Purchasing & Department) N/A <input type="checkbox"/> Business License Verified (Purchasing & Department) N/A <input checked="" type="checkbox"/> Chapter 6 Compliance - Affirmative Action/Prevailing Wage (County Auditor's Office) | |
| ATTACHMENTS | Memorandum from Mr. Earl Newill, Deputy Director of the Public Works Department, a Quote from Location Technologies and the pertinent pages of the City of Kansas City, Missouri Contract. | |
| REVIEW | Department Director: <i>Earl Newill</i> | Date: <i>10-16-13</i> |
| | Finance (Budget Approval): <i>If applicable Deborah A Ball</i> | Date: <i>10-18-13</i> |
| | Division Manager: <i>Jon</i> | Date: <i>10/24/13</i> |
| | County Counselor's Office: | Date: |

Fiscal Information (to be verified by Budget Office in Finance Department)

- This expenditure was included in the annual budget.
- Funds for this were encumbered from the _____ Fund in _____.
- There is a balance otherwise unencumbered to the credit of the appropriation to which the expenditure is chargeable and there is a cash balance otherwise unencumbered in the treasury to the credit of the fund from which payment is to be made each sufficient to provide for the obligation herein authorized.
- Funds sufficient for this expenditure will be/were appropriated by Ordinance # _____
- Funds sufficient for this appropriation are available from the source indicated below.

| Account Number: | Account Title: | Amount Not to Exceed: |
|-----------------|----------------|-----------------------|
| | | |

- This award is made on a need basis and does not obligate Jackson County to pay any specific amount. The availability of funds for specific purchases will, of necessity, be determined as each using agency places its order.
- This legislative action does not impact the County financially and does not require Finance/Budget approval.

Fiscal Note: Jackson County, Missouri

Funds sufficient for this transfer are available from the sources indicated below.

PC# _____

Date: October 21, 2013 RES # 18289

| <u>Department / Division</u> | <u>Character/Description</u> | <u>From</u> | <u>To</u> |
|--------------------------------------|---|---------------|---------------|
| Special Road and Bridge - 004 | | | |
| <u>1506 - Road and Bridge Maint.</u> | <u>56520 - Maint/Repair Heavy Equip</u> | <u>57,410</u> | |
| | <u>58160 - Radio/Comm Equipment</u> | | <u>57,410</u> |
| | | | |
| | | | |

Fiscal Note:

This expenditure was included in the Annual Budget.

PC# _____

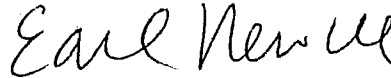
Date: October 21, 2013 RES # _____

| <u>Department / Division</u> | <u>Character/Description</u> | <u>From</u> | <u>To</u> |
|--|-------------------------------------|-------------|---------------|
| Special Road and Bridge - 004 | | | |
| <u>1506 - Road and Bridge Maint.</u> | <u>58160 - Radio/Comm Equipment</u> | | <u>57,410</u> |
| | | | |
| | | | |
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| | | | |
| | | | |
| | | | |
| Total From Special Road and Bridge Fund | | | <u>57,410</u> |

Alexander Ball 10-18-13
Budgeting

Memorandum

To: Barbara Casamento, Purchasing Supervisor
From: Earl Newill, P.E. Deputy Director of Public Works
Date: October 4, 2013
Re: Automatic Vehicle Locating (AVL)



We have received a proposal from Location Technologies to supply and install an AVL system for the Public Works dump truck/snowplow fleet. Information about this system and our source of funding is outlined below.

Automatic Vehicle Locating is a great tool to manage our fleet and personnel. Each of our 45 dump trucks, which service to haul loads in the summer, and plow snow in the winter, will be outfitted with a device which transmits a signal so that we know where they are, if the operator is plowing, and how much salt/sand material is being applied. Other benefits are:

- A record of where the vehicle has been is recorded and stored. This information can be recalled as needed.
- A real time check on all units during a snow event to know where they are and what progress they have made on the snow route.
- Better response to vehicle breakdowns in the field. Also, to any issues with a driver.
- In cab pad allows foremen to see an underlying map of the county. Foremen can input issues encountered such as pothole needing filled, and device records the GPS location for returning workers to get right to the location.
- The system is web based and is available on a website maintained by the supplier. This is the same system used by Lee's Summit.
- Response to citizens who call in during a snow event as to when their road will be plowed. Office personnel can respond from information on the computer.

The funding for this purchase, is \$57,410.00 installed; monies available in 004-1506-56520 Maintenance and Repair of Heavy Equipment. This line item has a balance of \$178,055.75. Since we are at the end of the road program, the balance left after paying for this purchase, will be sufficient to get us through the end of the year.

The ongoing costs to maintain the system is estimated at between \$7,000 to \$8,000 per year.

It is our intention to have the vehicles fitted up with the new equipment so we can use it during snow removal operations this season.



MODIFICATION OF CONTRACT

| | |
|---|--|
| <p>1. Modification</p> <p>No.: 1 Effective Date: 03/04/2011</p> | <p>2. Contract</p> <p>No.: EV1081 Effective Date: 11/10/2010</p> |
| <p>3. Senior Buyer: Keely Golden, CPPB</p> <p>Telephone Number: (816) 513-3670</p> | <p>5. Supplier – Name and Address</p> <p>Location Technologies, Inc. 6214 NW Kelly Drive Parkville, MO 64152 Phone: (816) 741-3169 Fax: (816) 741-3405 Attn: Mike Cowger</p> |
| <p>4. Issued By</p> <p>CITY OF KANSAS CITY, MISSOURI Procurement Services Division 1st Floor, Room 102 W, City Hall 414 East 12th Street Kansas City, Missouri 64106-2793</p> | |
| <p>6. SPECIAL INSTRUCTIONS: Retain this signed copy of the modification and attach it to the original contract that was previously provided by the Procurement Services Division.</p> | |

7. Description of Modification

CITYWIDE GPS PLATFORM

Contract **EV1081** – Attachment B- Adding another option to the pricing schedule for ordering.

See modified Attachment B attached below- page 2.

All other Terms and Conditions of Contract **EV1081** remain unchanged.

8. City of Kansas City, Missouri

Location Technologies, Inc.

By: **Cedric Rowan**

By: **Mike or Eric Cowger**

Assistant Procurement Manager

Authorized Signature

This Day: **March 4, 2011**

ATTACHMENT B- PRICING MODEL

Capital Outlay and Implementation Matrix
Term and Supply Cost

| | | |
|--|--|-------------------------------------|
| GPS Tracking Unit | | \$ 435.00 |
| • LT6 GPS/AVL CDMA* | | \$ 435.00 |
| • Data Terminal Options | | |
| o 4" Garmin Personal Navigation Device | | \$ 305.00 |
| o 5.2" Garmin Personal Navigation Device | | \$ 469.00 |
| o 7" Mobile Data Computer (MDC) | | \$ 2200.00 |
| ▪ Image Capture Device (MDC only option) | Includes Camera and Software | \$ 345.00 |
| • Cabling/Antenna | | <u>\$ 28.00</u> |
| • Modular Tracking Packages** | | |
| o Snow Plow Tracking Package | | \$ 25.00 |
| o Solid Waste Tracking Package | | \$ 25.00 |
| o Street Sweeper Tracking Package | | \$ 25.00 |
| o General Input Sensor Package | | \$ 25.00 |
| • Hardware Installation | LT6 GPS/AVL CDMA Data Terminal Mounting | <u>\$ 225.00</u> <u>\$ 25.00</u> |
| GPS/AVL Tracking Unit Total w/out Data Terminal | | <u>\$ 713.00</u> |
| GPS/AVL Tracking Unit Total w/4" Data Terminal | | <u>\$ 1,043.00</u> |
| GPS/AVL Tracking Unit Total w/5.2" Data Terminal | | <u>\$ 1,207.00</u> |
| GPS/AVL Tracking Unit Total w/7" Mobile Data Computer | | <u>\$ 2,938.00</u> |
| GPS/AVL Tracking Unit Total w/7" Mobile Data Computer & Image Capture | | <u>\$ 3,283.00</u> |
| LTI MDC-Tablet- Tablet Style Mobile Data Computer, Includes Mounting Bracket, Wiring Harness, Windows XP Professional, SSHD, Preloaded Solid Waste Mobile Application | | <u>\$ 3,174.00</u> |
| * Includes one year (12 month) maintenance, warranty, and support | | |
| **One package included in unit total, additional packages billed as ordered | | |

| | | | |
|---|----------------|--------------------|--------------|
| Wireless Offering | | | |
| Sprint Wireless Data Service* | <u>Monthly</u> | <u># of Months</u> | <u>Total</u> |
| • 2MB Plan (Monthly) | 4.75 | 12 | \$ 57.00 |
| • 5MB Plan (Monthly) | 7.00 | 12 | \$ 84.00 |
| *Wireless Data service costs will be billed via existing City wireless contract | | | |

| | | | | |
|--|--------------------|----------------|--------------------|--------------|
| Other Costs | | | | |
| Option 1: Location Technologies, Inc. Hosted Solution | | | | |
| Ongoing maintenance and support included with Subscription | | | | |
| <u>Navigo Explorer WebMap Platform</u> | <u>Description</u> | <u>Monthly</u> | <u># of Months</u> | <u>Total</u> |
| • Subscription – Per vehicle/month | Unlimited Users | 1.65 | 12 | \$ 19.80 |
| • Hosting – Per fleet/month | | 35.00 | 12 | \$ 420.00 |
| • 3 rd Party Interface Software | | | | \$ 900.00 |
| • Routing Module | | | | \$ 650.00 |
| • Operations Interface Modules (Per fleet/mo.) | | | | |
| o Public Works | Unlimited Users | 35.00 | 12 | \$ 420.00 |
| o Solid Waste | Unlimited Users | 35.00 | 12 | \$ 420.00 |
| o Public Access Portal | Unlimited Users | 50.00 | 12 | \$ 600.00 |
| o Mobile Data/PND/Messaging | Unlimited Users | 50.00 | 12 | \$ 600.00 |
| o Work Order / Dispatch Model | Unlimited Users | 50.00 | 12 | \$ 600.00 |
| o Fleet Manager Module (Full) | Unlimited Users | 50.00 | 12 | \$ 600.00 |
| Option 2: KCMO Hosted Solution | | | | |
| Includes one year (12 month) maintenance, upgrade, and support | | | | |
| <u>Navigo Explorer WebMap Platform</u> | <u>Description</u> | | | <u>Total</u> |
| • Navigo Explorer WebMap | Unlimited Users | | | \$ 6300.00 |
| o Public Works Module | Unlimited Users | | | \$ 1250.00 |

| | | |
|--|--|---------------|
| o Solid Waste Module | Unlimited Users | \$ 1250.00 |
| o Public Access Portal Module | Unlimited Users | \$ 1850.00 |
| o Mobile Data/PND/Messaging Module | Unlimited Users | \$ 1250.00 |
| o Work Order / Dispatch Model Module | Unlimited Users | \$ 1250.00 |
| o Fleet Manager Module (Full) | Unlimited Users | \$ 1250.00 |
| • Wireless Data Server | Unlimited Users | \$ 2310.00 |
| • 3 rd Party Interface Software | | \$ 900.00 |
| • Routing Module | | \$ 650.00 |
| Professional Services | | |
| • Training Session | Management/Dispatcher | \$ 800.00 |
| | Vehicle Operator | \$ 800.00 |
| | Navigo Administrator | \$ 800.00 |
| | Hardware Installation | \$ 800.00 |
| Onsite Technical Services | | |
| | 15% Discount with pre-purchase of 10 hrs/month | \$ 90.00/hour |

Recurring Annual Cost

Annual Cost (This can be a percentage, not an amount.)

| Hardware Maintenance & Support (for second year going forward) | | | |
|---|----------------|--------------------|--------------|
| | <u>Monthly</u> | <u># of Months</u> | <u>Total</u> |
| • LT6 GPS/AVL CDMA Modem (Per Device) | | | |
| o Extended Warranty, Maintenance, & Support | 2.50 | 12 | \$ 30.00 |
| • Sprint Wireless Data Service (Per Device) | | | |
| o 2MB Plan | 4.75 | 12 | \$ 57.00 |
| o 5MB Plan | 7.00 | 12 | \$ 84.00 |

| Software Maintenance & Support (for second year going forward) | | | | |
|--|-------------------------------|----------------|--------------------|--------------|
| Option 1: Location Technologies, Inc. Hosted Solution | | | | |
| Extended Maintenance & Support Included in cost of Navigo Explorer WebMap Subscription | | | | |
| <u>Navigo Explorer WebMap Platform</u> | <u>Description</u> | <u>Monthly</u> | <u># of Months</u> | <u>Total</u> |
| o Subscription – Per vehicle/month | Unlimited Users | 1.65 | 12 | \$ 19.80 |
| Recurring Fleet Cost | | | | |
| • Hosting – Per fleet/month | Unlimited Users | 35.00 | 12 | \$ 420.00 |
| • 3 rd Party Interface Software | Maintenance/Upgrade & Support | | | \$ 135.00 |
| • Routing Module | Maintenance/Upgrade & Support | | | \$ 97.50 |
| • Operations Interface Modules | | | | |
| o Public Works | Unlimited Users | 35.00 | 12 | \$ 420.00 |
| o Solid Waste | Unlimited Users | 35.00 | 12 | \$ 420.00 |
| o Public Access Portal | Unlimited Users | 50.00 | 12 | \$ 600.00 |
| o Mobile Data/PND/Messaging | Unlimited Users | 50.00 | 12 | \$ 600.00 |
| o Work Order / Dispatch Model | Unlimited Users | 50.00 | 12 | \$ 600.00 |
| o Fleet Manager Module (Full) | Unlimited Users | 50.00 | 12 | \$ 600.00 |

| Option 2: KCMO Hosted Solution | | |
|--|-------------------------------|--------------|
| Recurring Fleet Cost | | |
| <u>Navigo Explorer WebMap Platform</u> | <u>Description</u> | <u>Total</u> |
| • Navigo Explorer WebMap | Maintenance/Upgrade & Support | \$ 945.00 |
| • Operations Interface Modules | | |
| o Public Works | Maintenance/Upgrade & Support | \$ 187.50 |
| o Solid Waste | Maintenance/Upgrade & Support | \$ 187.50 |
| o Public Access Portal | Maintenance/Upgrade & Support | \$ 277.50 |
| o Mobile Data/PND/Messaging | Maintenance/Upgrade & Support | \$ 187.50 |
| o Work Order / Dispatch Model | Maintenance/Upgrade & Support | \$ 187.50 |
| o Fleet Manager Module (Full) | Maintenance/Upgrade & Support | \$ 187.50 |
| • Wireless Data Server | Maintenance/Upgrade & Support | \$ 346.50 |
| • 3 rd Party Interface Software | Maintenance/Upgrade & Support | \$ 135.00 |
| • Routing Module | Maintenance/Upgrade & Support | \$ 97.50 |

Customer: Jackson County, MO
 Date: 10/1/2013

| <u>Qty</u> | <u>Item</u> | <u>Description</u> | <u>Unit</u> | <u>Total</u> |
|------------|-------------------------------|--------------------------------------|-------------|--------------|
| 45 | LT6 GPS/AVL Modem | CDMA Module | 435.00 \$ | 19,575.00 |
| 45 | Cabling/Antennas | HW Bundle | 28.00 \$ | 1,260.00 |
| 45 | LT MDT (Mobile Data Terminal) | Touchscreen Terminal, Mount, Cabling | 585.00 \$ | 26,325.00 |
| 34 | LT Snow Plow Blade Monitor | Tilt Sensor Assembly | 42.00 \$ | 1,428.00 |
| 34 | Spreader Controller Interface | Varied Make, Model | 36.50 \$ | 1,241.00 |
| 45 | Wireless Data Plan | \$7 per veh/mo (12mo) 5MB pooled | 84.00 \$ | 3,780.00 |

Navigo Explorer WebMap

| | | | | |
|----|------------------------------|------------------------------|----------|--------|
| 45 | WebMap Subscription | 1.65 per unit/month (12mo) | 19.80 \$ | 891.00 |
| 12 | LT Hosting Services | 35.00 per fleet/month (12mo) | 35.00 \$ | 420.00 |
| 12 | Public Works Operations Mod. | 35.00 per fleet/month (12mo) | 35.00 \$ | 420.00 |
| 12 | Mobile Mapping & Messaging | 35.00 per fleet/month (12mo) | 35.00 \$ | 420.00 |

Professional Services

| | | | | |
|---|------------------------------|----------------------------------|-----------|--------|
| 1 | Navigo User Training | Web-Based, unl.attend., Optional | 800.00 \$ | 800.00 |
| 1 | HW Install.& Maint. Training | On-Site, unl.attend., Optional | 850.00 \$ | 850.00 |
| 0 | HW Installation | On-Site, LT6 & MDT Installation | 250.00 \$ | - |

First Year Project Total \$ 57,410.00

Recurring

| | | <u>(After first year)</u> | | |
|----|------------------------------|----------------------------------|----------|----------|
| 45 | Wireless Data Plan | \$7 per veh/mo (12mo) 5MB pooled | 84.00 \$ | 3,780.00 |
| 45 | Extended Warr/Maint | LT6 Modem (yearly, optional) | 25.00 \$ | 1,125.00 |
| 45 | WebMap Subscription | 1.65 per unit/month (12mo) | 19.80 \$ | 891.00 |
| 12 | LT Hosting Services | 35.00 per fleet/month (12mo) | 35.00 \$ | 420.00 |
| 12 | Public Works Operations Mod. | 35.00 per fleet/month (12mo) | 35.00 \$ | 420.00 |
| 12 | Mobile Mapping & Messaging | 35.00 per fleet/month (12mo) | 35.00 \$ | 420.00 |

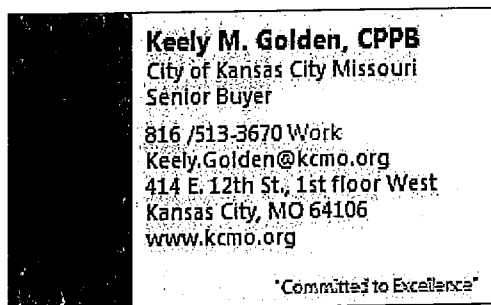
Recurring (After 1st year) Total \$ 7,056.00

Barbara J. Casamento

From: Keely Golden [Keely.Golden@kcmo.org]
Sent: Friday, October 11, 2013 2:11 PM
To: Barbara J. Casamento
Subject: RE: Contract No. EV1081 with Location Technologies for GPS
Attachments: Keely M Golden CPPB.vcf

Hi, Barbara. Yes, this contract is in place. It is in the process of being renewed and the new expiration date will be 11/9/14.

Thanks,



From: Barbara J. Casamento [mailto:BCasamento@jacksongov.org]
Sent: Friday, October 11, 2013 2:03 PM
To: Keely Golden
Subject: Contract No. EV1081 with Location Technologies for GPS

Good Afternoon Keely:

Can you tell me if the above referenced contract is still in effect?

Thanks and have a great weekend.

Barbara Casamento
Purchasing Supervisor
Jackson County, MO