

**REQUEST FOR LEGISLATIVE ACTION**

**EXECUTIVE OFFICE**

Completed by County Counselor's Office:

Res/Ord No.: 5136

Sponsor(s): Alfred Jordan

Date: September 5, 2018

AUG 23 2018

<p><b>SUBJECT</b></p>	<p>Action Requested  <input type="checkbox"/> Resolution  <input checked="" type="checkbox"/> Ordinance</p> <p>Project/Title: <u>Requesting an ordinance appropriating \$12,227 from the undesignated fund balance of the Federal Equitable Sharing Fund 047-2810 to be transferred to the undesignated Special Road and Bridge Fund 047-4201-58170 for the purchase of a Bi-Directional Amplifier (BDA) from Commeno Technology Solutions.</u></p>														
<p><b>BUDGET INFORMATION</b>  <i>To be completed By Requesting Department and Finance</i></p>	<table border="1"> <tr> <td>Amount authorized by this legislation this fiscal year:</td> <td>\$12,227.00</td> </tr> <tr> <td>Amount previously authorized this fiscal year:</td> <td>\$0</td> </tr> <tr> <td>Total amount authorized after this legislative action:</td> <td>\$12,227.00</td> </tr> <tr> <td>Amount budgeted for this item * (including transfers):</td> <td>\$12,227.00</td> </tr> <tr> <td>Source of funding (name of fund) and account code number</td> <td>FROM ACCT</td> </tr> <tr> <td>FROM: Federal Equitable Sharing Fund 047-2810</td> <td>\$12,227.00</td> </tr> <tr> <td>TO: Road &amp; Bridge Fund – Sheriff 047-4201-58170 – Other Equipment</td> <td>TO ACCT \$12,227.00</td> </tr> </table> <p>* If account includes additional funds for other expenses, total budgeted in the account is: \$</p> <p><b>OTHER FINANCIAL INFORMATION:</b></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: Sheriff's Office                      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:	\$12,227.00	Amount previously authorized this fiscal year:	\$0	Total amount authorized after this legislative action:	\$12,227.00	Amount budgeted for this item * (including transfers):	\$12,227.00	Source of funding (name of fund) and account code number	FROM ACCT	FROM: Federal Equitable Sharing Fund 047-2810	\$12,227.00	TO: Road & Bridge Fund – Sheriff 047-4201-58170 – Other Equipment	TO ACCT \$12,227.00
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TO: Road & Bridge Fund – Sheriff 047-4201-58170 – Other Equipment	TO ACCT \$12,227.00														
<p><b>PRIOR LEGISLATION</b></p>	<p>Prior ordinances and (date): 5074 - 1/29/18          4972 - 4/29/17</p> <p>Prior resolutions and (date):</p>														
<p><b>CONTACT INFORMATION</b></p>	<p>RLA drafted by: Devyn Horsley, Administrative Specialist, 816-541-8017</p>														
<p><b>REQUEST SUMMARY</b></p>	<p>Requesting an ordinance appropriating \$12,227 from the undesignated fund balance of the Federal Equitable Sharing Fund 047-2810 to be transferred to the undesignated Special Road and Bridge Fund 047-4201-58170 for the purchase of a Bi-Directional Amplifier (BDA) for use at the Independence Courthouse from the county contracted vendor Commeno Technology Solutions.</p> <p>The Sheriff's Office requests the transfer of \$12,227.00 as follows:</p> <table> <tr> <td>047-2810</td> <td>FROM:</td> <td>TO:</td> </tr> <tr> <td>047-4201-58170 – Other Equipment</td> <td>\$12,227</td> <td>\$12,227</td> </tr> </table>	047-2810	FROM:	TO:	047-4201-58170 – Other Equipment	\$12,227	\$12,227								
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047-4201-58170 – Other Equipment	\$12,227	\$12,227													
<p><b>CLEARANCE</b></p>	<p><input type="checkbox"/> Tax Clearance Completed (Purchasing &amp; Department)  <input type="checkbox"/> Business License Verified (Purchasing &amp; Department)  <input type="checkbox"/> Chapter 6 Compliance - Affirmative Action/Prevailing Wage (County Auditor's Office)</p>														

ATTACHMENTS	Bliss and Associates Fee Proposal	
REVIEW	Department Director:	Date: 10/05/18
	Finance (Budget Approval): If applicable	Date: 8/23/18
	Division Manager:	Date: 8/23/18
	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:
047-2810	Forfeiture Fund - Undesignated Fund Balance	12,227

- 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.



Quote Date: 7/2/2018  
 Quote No: KE-070218-JCSO  
 Original Quote Date: 7/2/2018

**Bi-Directional Amplifier - Jackson County Building**

<b>Customer Information</b> <b>Agency Name:</b> Jackson County Sheriff <b>Contact:</b> Sgt. Danny Barnes <b>Phone:</b> 816-541-8017 Ext 72230 <b>Address:</b> 4001 NE Lakewood Court, Lee's Summit, MO 64064 <b>E-Mail:</b> <a href="mailto:dbarnes@jacksongov.org">dbarnes@jacksongov.org</a>	<b>Product(s):</b> - Bi Directional Amplifier
<b>Commenco Contact Information:</b> <b>Account Exec:</b> Kris Evans <b>Office:</b> 816-753-2166 <b>Cell:</b> 816-985-4030 <b>E-Mail:</b> <a href="mailto:krise@commenco.com">krise@commenco.com</a>	

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
		<b>Work Description:</b> This proposal is for Commenco to supply and install BDA solution at the 308 W Kansas Ave Jackson County building. This is being quoted with "Prevailing Wage Rates".  This BDA solution features the following: - Provides SMR 700/800MHz coverage for buildings, tunnels, metros and external environments - NFPA 72-2010, chapter 24 and IFC 510.1 compliant - Supports Band 14 for LTE 700 PS - Supports APCO phase 1 and 2 for public safety networks - Patented DSP filtering with up to 12 independent filters providing large flexibility - High performance noise and delay characteristics - 30 dBm output power per band - Compact IP-65, NEMA 4 enclosure, passively cooled		
1a	1	Cobham Bi-Directional Amplifier	\$10,250.00	\$10,250.00
1b	1	LOT - Omni Ceiling Mount Antenna (600-6000Mhz) and 800 MHz Antenna (Outdoor) with 1/2" Plenum Cable, Polyphaser, Connectors, Wall Bracket and Miscellaneous Items Required For Installation.	LOT	\$1,620.70
2	1	LOT - Installation Services	LOT	\$5,463.88
<b>Sub Total</b>				<b>\$11,870.70</b>
<b>Shipping</b>				<b>\$356.12</b>
<b>Net Total</b>				<b>\$12,226.82</b>

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Original Quote Date: 7/2/2018

**Bi-Directional Amplifier - Jackson County Building**

**CUSTOMER APPROVAL/SIGNATURE**

BY SIGNING BELOW, CUSTOMER ACKNOWLEDGES AND ACCEPTS THE ABOVE AS A SALES AGREEMENT

\_\_\_\_\_  
Legal Name Of Purchaser

\_\_\_\_\_  
PO Number

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

*Authorizes pages 1 to 2 inclusive*

**TERMS / VALIDITY / LEAD TIME**

**PAYMENT TERMS:**

- Net 30 Days

**LEAD TIME / DELIVERY:**

- TBD

**PRICES FIRM FOR:**

- 30 Days

*All Orders Subject To  
Shipping & Handling*



# Office of the JACKSON COUNTY SHERIFF

Sheriff Darryl Forté

## INTER-OFFICE MEMO

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**To: Capt. M. Montgomery, #08, Chain of Command**

**From: Sgt. D. Barnes, #25**

**Re: Bi-Directional Amplifier Solution for Jackson County Courthouse Annex Radio Signal Issues**

**Date: 07-11-18**

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Capt. Montgomery,

Over the last several months, as you're aware, we have been discussing the issues with radio signal in the lower level, and other parts of the Jackson County Courthouse Annex facility at 308 W Kansas. These issues have been noted by Sgt. Montgomery, other members of the Courthouse Security Division, and I have observed them through testing at the building.

In the lower level, the signal strength from the nearest MARRS radio tower is not strong enough to penetrate the concrete structure. This results in little to no receive signal strength for deputies working in the lower level, and little to no transmit signal availability. Essentially, when deputies are in the lower level of the building, there are no radio communications with the deputies.

This presents a serious officer safety issue for deputies working on that level. It also creates an undue safety concern for Circuit Court staff in the two Divisions of the Jackson County Circuit Court located on the lower level, and to the Judges and other visitors to the level. Regular meetings of the County Legislature are held on this level, and deputies providing security at those meetings cannot receive information from dispatch, or call for assistance via radio were it needed.

Additionally, in the unfortunate event of a major incident at the Courthouse Annex, the same communications difficulty would be faced by any outside agency, fire or ems personnel who use the MARRS radio system for communications (which is all agencies that would potentially respond to such an incident.)

The issue must be addressed as soon as possible, for the above stated reasons, but also because we are now intimately aware of the communications difficulties, they have been documented, and failure to act could place us in a position of serious liability.

On Thursday, 06-14-18, we met with representatives of Commenco, Inc., the County vendor who provides and services our radio communications equipment, and who holds the service and maintenance contracts for those portions of the MARRS radio system which Jackson County is responsible for (and all other portions of the MARRS infrastructure owned / managed by outside agencies.)

Commenco staff conducted an on-site review of the Courthouse Annex, and observed the communications issues. It was Commenco's professional and informed opinion that the best solution to the difficulties would be the installation of a Bi-Directional Amplifier (BDA).

The BDA, once installed, would act as a "mini-site" of the MARRS system, allowing radios in the Courthouse Annex to associate with the BDA, which receives an input signal from the nearest MARRS tower via an outside-mounted antenna.

The BDA is a more ideal solution than a repeater, because deputies can use any talkgroup on the MARRS system while associated with the BDA. Outside agency radios would also be able to communicate through the BDA when needed.

I have attached a proposal from Commenco for the purchase and professional installation of a Bi-Directional Amplifier system at the Jackson County Courthouse Annex, and strongly recommend the Sheriff's Office proceed with purchase of the equipment and services.

Respectfully submitted,

*D.F. Barnes 25/0340*

Sgt. D.F. Barnes, #25

No objection, for immediate approval at my level.

*Capt. [Signature] #8*

07-12-18

*Sheriff*

*MANY HOURS HAVE BEEN INVESTED IN FINDING A SOLUTION TO THIS OFFICER / DEPUTY PROBLEM THIS PROJECT WAS COMPLETED BY SGT. BARNES AND*

*RECOMMEND THE EXPENDITURE*

Approved

*[Signature]*

7-19-18

*[Signature]*  
*[Signature]*

