

# REQUEST FOR LEGISLATIVE ACTION

Completed by County Counselor's Office:

~~Res~~/Ord No.: 4792

Sponsor(s): Dennis Waits

Date: Nov. 9, 2015

<p>SUBJECT</p>	<p>Action Requested  <input type="checkbox"/> Resolution  <input checked="" type="checkbox"/> Ordinance</p> <p>Project/Title: <u>An Ordinance appropriating \$346,299 from the undesignated fund balance of the 2015 Anti-Drug Sales Tax Fund for capital improvement needs at the Detention Center and Annex.</u></p>														
<p>BUDGET INFORMATION  <i>To be completed By Requesting Department and Finance</i></p>	<table border="1" data-bbox="316 546 1201 1008"> <tr> <td>Amount authorized by this legislation this fiscal year:</td> <td>\$346,299</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>\$346,299</td> </tr> <tr> <td>Amount budgeted for this item * (including transfers):</td> <td>\$346,299</td> </tr> <tr> <td colspan="2">Source of funding (name of fund) and account code number; FROM / TO</td> </tr> <tr> <td>FROM: Anti-Drug Tax Fund, Undesignated Fund Balance</td> <td>FROM ACCT 008-2810 \$346,299</td> </tr> <tr> <td>TO: Corrections, Buildings &amp; Improvements</td> <td>TO ACCT 008-2701-08020 \$346,299</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:	\$346,299	Amount previously authorized this fiscal year:	\$	Total amount authorized after this legislative action:	\$346,299	Amount budgeted for this item * (including transfers):	\$346,299	Source of funding (name of fund) and account code number; FROM / TO		FROM: Anti-Drug Tax Fund, Undesignated Fund Balance	FROM ACCT 008-2810 \$346,299	TO: Corrections, Buildings & Improvements	TO ACCT 008-2701-08020 \$346,299
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<p>PRIOR LEGISLATION</p>	<p>Prior ordinances and (date):   Prior resolutions and (date):</p>														
<p>CONTACT INFORMATION</p>	<p>RLA drafted by (name, title, &amp; phone): Craig Mosher, Corrections Facility Management Admin, (816) 881-4399</p>														
<p>REQUEST SUMMARY</p>	<p>Appropriate \$346,299 from the Undesignated Fund Balance of the Anti-Drug Tax Fund for replacement of hot water tanks, maintenance of electrical switchgears, and continued phasing of LED lighting at the Detention Center and Annex.</p> <p>The hot water tanks are not operable or, at times, not able to keep up with demand. Funding will replace tanks in the Detention Center and Annex.</p> <p>The Electrical switchgears monitor incoming power and distribute it throughout the complex. Servicing the switches will help insure that fluctuations and disruptions caused by the service coming into the building will not impact operations.</p>														

	LED lamps use less energy and therefore save on utility costs. Cells and modules are being addressed with current funding. This next phase will be to install lamps in hallways, offices, and pods of the Detention Center. A KCPL rebate may be associated with this project.	
CLEARANCE	<input type="checkbox"/> Tax Clearance Completed (Purchasing & Department) <input type="checkbox"/> Business License Verified (Purchasing & Department) <input type="checkbox"/> Chapter 6 Compliance - Affirmative Action/Prevailing Wage (County Auditor's Office)	
ATTACHMENTS	Memo from Joseph Piccinini, Interim Director of Corrections	
REVIEW	Department Director: <i>Joe Piccinini</i>	Date: <i>10-29-15</i>
	Finance (Budget Approval): <i>If applicable</i> <i>[Signature]</i>	Date: <i>10/29/15</i>
	Division Manager: <i>Maey Lou Brown</i>	Date: <i>11/4/15</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:
008-2810	Anti-Drug Tax Fund Undesignated Fund Balance	\$346,299

- 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.





**JACKSON COUNTY  
DEPARTMENT OF CORRECTIONS  
Kansas City, Missouri**

## **Memorandum**

To: Gary Panethiere, COO  
From: Joe Piccinini, Acting Director of Corrections  
CC:  
Date: Tuesday, 10/27/2015  
Re: RLA

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### **1. Hot Water Tanks**

- Tower  
Jackson County Detention Center is supplied steam through an outside company. The steam feeds a system which produces hot water by passing steam and water through heating tubes within tanks. There are three of these hot water tanks. The steam quality provided by our vendor is hard on the system and also acidic. One tank has corroded and the shell of the tank has split. It is inoperable. The other tanks are showing signs of wear. For example, the tanks have to be worked over the operating specifications to maintain the hot water that is available. Additionally, one tank has evidence of corrosion on its shell. Operating on two tanks also leaves no back-up. When one tank is off-line due to repairs, water temperature is lukewarm at best.

The tanks are inspected once a year through the State of Missouri. Although they have not been formally rejected for a permit, the inspector has verbally indicated the tanks are getting close to not being able to pass the tests.

The project would be to replace all three of the tanks, valves, equipment, and necessary piping to maintain hot water with the increased inmate load.

- Annex

There are four hot water tanks in the Annex; however these tanks are smaller and less durable than the ones in the Tower. The system was designed around a demand load. Increasing inmates, increases laundry and kitchen operations. Going beyond the design load puts strain on the equipment. The tanks are showing signs of wear and decreases efficiency. If one is off-line, there is a noticeable decrease in water temperature.

The project would replace two of the four tanks.

## 2. Switchgear Maintenance

The switchgear monitors the incoming power at 13,200 volts. Within the switchgear are numerous breaker and fuses that feed different areas of the facility. When outside voltage decreases the switchgear identifies the drop and transfers power to the emergency generator. As normal power resumes, the switch transfers power back to the facility. Over time, dirt and dust accumulates within the switchgears which raises the potential for a spark and fire. In addition the breakers and fuses need to be tested for reliability. A problem could arise if the switch does not transfer power to the generator leaving the facility powerless. Also, if a breaker does not reset an area of the building would be without power. Consider a power failure to Med Housing. The switchgears have not been serviced for at least 11 years. Maintaining the switches and verifying the reliability of the system is crucial to ongoing operations of the Detention Center.

## 3. LED Lighting

Corrections Facility Management is working with the electrical supplier to maximize Kansas City Power and Light rebates for energy efficiency by installing LED lighting. The goal is to perform as many retrofits before the KCPL rebate structure changes and is not as lucrative in 2016.

The first project was to retrofit the Parking Garage. The Parking Garage project is eligible for a **rebate of \$34,229**. The rebate value is based on an annual electric savings estimate of 212,728 kWh or a 64% reduction equating to **\$13,317 annual savings**. The total cost for the project not including in-house labor is estimated at \$67,981.

The second project is to retrofit the cells and modules of the Detention Center which is funded through the 2015 Corrections budget. The project is eligible for a **rebate of \$51,709** based on an annual savings estimate of 186,665 kWh or a 47% reduction equating to **\$14,199 annual saving**. The total cost of this project not including in-house labor is estimated at \$49,275.

The third project would be to continue retrofitting the Detention Center's hallways, pods, and offices. The application is still being developed but it is estimated that the rebates and costs will be comparable to the earlier projects.

It is important to get the funding for the third project. In 2016, KCPL is reducing the rebate amounts and qualifying will be more stringent.