

Eric Blanketship

**Five-Year Capital Budget Plan--DA 418A**  
 Division of the Budget  
 State of Kansas

Agency Name: ADJUTANT GENERAL'S DEPARTMENT

Project Title	Estimated Project Cost	Prior Years	Current Year					Subsequent Years
			FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	
1 Maintenance and Repair	\$ 288,059		\$ 288,059					
2 Hawatha Army Interior Renovation - design fees	\$ 62,550		\$ 62,550					
3 Topeka Army Plumbing Replacement - design fees	\$ 13,050		\$ 13,050					
4 State Defense Building Lighting Retrofit	\$ 118,835		\$ 118,835					
5 Emporia Army Drainage Repairs	\$ 88,000		\$ 88,000					
6 Clay Center Army Paving Repairs	\$ 50,000		\$ 50,000					
7 Colby Army Fencing Replacement	\$ 25,000		\$ 25,000					
8 Dodge City Army Paving Repairs	\$ 150,000		\$ 150,000					
<b>Total</b>	<b>\$ 775,494</b>		<b>\$ 775,494</b>					
9 Army Bond Debt Service	\$ 3,617,271			\$ 3,617,271				
10 Maintenance and Repair	\$ 1,104,401			\$ 1,104,401				
11 Hawatha Army Interior Renovation - construction	\$ 632,540			\$ 632,540				
12 Topeka Army Plumbing Replacement - construction	\$ 131,950			\$ 131,950				
13 Hollon Army Paving Repairs & Expansion	\$ 76,000			\$ 76,000				
14 Hutchinson Army Paving Repairs	\$ 120,004			\$ 120,004				
15 Lawrence Army Paving Replacement	\$ 58,000			\$ 58,000				
16 Olathe Army Paving Replacement	\$ 225,522			\$ 225,522				
17 Marysville Army Military Vehicle Lot Expansion	\$ 151,606			\$ 151,606				
18 Paola Army Drainage Repairs	\$ 36,000			\$ 36,000				
19 Pratt Army Military Vehicle Lot Expansion	\$ 179,330			\$ 179,330				
20 Topeka AFRC 688 Concrete Motor Pool Repair	\$ 50,000			\$ 50,000				
21 Topeka AFRC 688 Asphalt Paving Repair	\$ 90,000			\$ 90,000				
22 Wichita South Army Paving Replacement	\$ 245,000			\$ 245,000				
23 Army Single Pane Window Replacements	\$ 395,000			\$ 395,000				
24 Statewide Building Energy Management System	\$ 52,218			\$ 52,218				
25 Lawrence Army Military Vehicle Lot Expansion	\$ 76,375			\$ 76,375				
26 Wichita South Army Military Vehicle Lot Expansion								
<b>Total</b>	<b>\$ 7,291,217</b>			<b>\$ 7,291,217</b>				
27 Army Bond Debt Service	\$ 3,579,173			\$ 3,579,173				
28 Maintenance and Repair	\$ 1,131,265			\$ 1,131,265				
29 Augusta Army Main Roof Replacement	\$ 239,040			\$ 239,040				
30 Augusta Army Maint. Bay Roof Replacement	\$ 131,040			\$ 131,040				
31 Western Kansas Small Wind Program	\$ 500,000			\$ 500,000				
32 Major Roof Replacement Contingency Project	\$ 350,000			\$ 350,000				
<b>Total</b>	<b>\$ 5,930,518</b>			<b>\$ 5,930,518</b>				
33 Army Bond Debt Service	\$ 3,574,209			\$ 3,574,209				
34 Maintenance and Repair	\$ 1,165,203			\$ 1,165,203				
35 Dodge City Army Wind Turbine	\$ 37,500			\$ 37,500				
36 Army Water Heater Upgrade Program	\$ 240,000			\$ 240,000				
37 Topeka Joint Force HQ Fuel Cell	\$ 590,000			\$ 590,000				
38 Military Vehicle Lot Fencing & Lighting Replacement	\$ 1,250,000			\$ 1,250,000				
<b>Total</b>	<b>\$ 6,856,912</b>			<b>\$ 6,856,912</b>				
39 Army Bond Debt Service	\$ 3,582,761			\$ 3,582,761				
40 Maintenance and Repair	\$ 1,200,159			\$ 1,200,159				
41 Medium Scale HVAC Replacement Contingency	\$ 125,000			\$ 125,000				
42 Statewide Thermal Wall Retrofit Program	\$ 750,000			\$ 750,000				
<b>Total</b>	<b>\$ 5,657,920</b>			<b>\$ 5,657,920</b>				
43 Army Bond Debt Service	\$ 3,573,384			\$ 3,573,384				
44 Maintenance and Repair	\$ 1,236,164			\$ 1,236,164				
45 Military Vehicle Lot Paving Repair Program	\$ 1,750,000			\$ 1,750,000				
46 Asphalt Paving Repair Contingency Project	\$ 1,250,000			\$ 1,250,000				
<b>Total</b>	<b>\$ 7,809,548</b>			<b>\$ 7,809,548</b>				
<b>Total</b>	<b>\$ 34,321,518</b>			<b>\$ 34,321,518</b>				

# Requirement Explanation

<b>1. Task Title:</b> Building Maintenance and Repair  <b>Agency:</b> Adjutant General's Department	<b>2. Priority:</b>  <div style="text-align: right;">1</div>																																																																						
<b>3. Project Description and Justification:</b>  <p>These funds are requested because the bond funds that were used to supplement the regular maintenance and repair for the armories will be depleted in FY 2013. Maintenance and Repair necessary to maintain good working order and to prevent disruption of the agency's mission including: Preventative Maintenance Program, Fire &amp; Egress Sign Replacements, Smoke Detection Systems, Weapons Doors &amp; Locks, Bullpen Fences &amp; Gates, Security Locks and Doors, LED Bullpen Security Lighting, Heating and Cooling Preventative Maintenance Servicing and Lubrication, HVAC System Repairs, Filters, Gutters and Roof Drain Cleanouts, Roof Seams and Valleys, Exterior Wall Crack and Tuckpointing, Air Infiltration Caulking, Light Fixtures, Lamps, Door Repairs and Lock/Key Controls, Plumbing Line Maintenance, Select Major Plumbing line repairs, Minor Spot Crack Seal Pavement Repairs, Select Major Pavement Repairs, Re-Grading washouts, Drainage System Repairs, Floor Buffing, Mowers and Weed-Eaters. FY 2013 is only for 3 months since we would not get the funds until April 2013.</p>																																																																							
<b>4. Estimated Project Cost:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Construction (including fixed equipment and sitework)</td> <td style="text-align: right;">0</td> </tr> <tr> <td>2. Architect or engineer fee</td> <td style="text-align: right;">0</td> </tr> <tr> <td>3. Moveable equipment</td> <td style="text-align: right;">0</td> </tr> <tr> <td>4. Project contingency</td> <td style="text-align: right;">0</td> </tr> <tr> <td>5. Miscellaneous costs</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="text-align: right;"><b>Total \$</b></td> <td style="text-align: right;"><b>--</b></td> </tr> </table>	1. Construction (including fixed equipment and sitework)	0	2. Architect or engineer fee	0	3. Moveable equipment	0	4. Project contingency	0	5. Miscellaneous costs	0	<b>Total \$</b>	<b>--</b>	<b>5. Project Phasing:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Preliminary plans (including misc. costs)</td> <td></td> </tr> <tr> <td>2. Final plans (including misc. and other costs)</td> <td></td> </tr> <tr> <td>3. Construction (including misc. and other costs)</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total \$</b></td> <td style="text-align: right;"><b>--</b></td> </tr> </table>	1. Preliminary plans (including misc. costs)		2. Final plans (including misc. and other costs)		3. Construction (including misc. and other costs)		<b>Total \$</b>	<b>--</b>																																																		
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## Project Request Explanation--DA 418B

1. Project Title: Hiawatha Armory Interior Renovation - design fees		2. Project Priority:				
Agency: Adjutant General's Department		2				
3. Project Description and Justification:						
<p>Total Project Cost: \$ 62,550</p> <p><b>State Share Requested: \$ 31,275</b></p> <p>This project requests State funds to supplement matching Federal funds in order to update the plumbing and mechanical systems and renovate additional failed systems at the Hiawatha Armory. The entire plumbing system comprised of 60 year old original cast iron plumbing has reached an inoperable state due to rust and buildup. These failed lines and fittings shall be replaced. Multiple additional repairs and refinishing is necessary at the aged interior. The project will also remediate ground water infiltration into the basement and refinish original oak drill hall flooring. The facility is listed on the Historic Register and will be compliant with all requirements thereto. The FY 2013 request is for the design fees only. This will allow the agency to start the design work. The FY 2014 funds will be used for the construction/renovation.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework) 2. Architect or engineer fee 3. Moveable equipment 4. Project contingency 5. Miscellaneous costs		1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs)				
Total \$ 62,550		Total \$ -				
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						-
FY 2013	31,275	31,275				62,550
FY 2014						-
FY 2015						-
FY 2016						-
FY 2017						-
FY 2018						-
Subsequent Years						-
<b>Total</b>	31,275	31,275	\$ -	\$ -	\$ -	62,550

10-3

## Project Request Explanation--DA 418B

1. Project Title: Topeka Armory Plumbing Replacement - design fees		2. Project Priority:				
Agency: Adjutant General's Department		3				
3. Project Description and Justification:						
<p>Total Project Cost: \$ 13,050</p> <p><b>State Share Requested: \$ 6,525</b></p> <p>This project requests State funds to supplement matching Federal funds in order to replace all cast iron plumbing line systems that serve the original Topeka (Nickell) Armory facility. The lines are located in the basement and crawlspace areas of the facility and intertwine in and around multiple valuable motors and drives, and have require ever increasing maintenance and repair. This project will prevent catastrophic failure resulting flooding at the facility. No work is necessary at the relatively recent Eisenhower Addition wing of the facility. The FY 2013 request is for the design fees only. This will allow the agency to start the design work. The FY 2014 funds will be used for the construction/renovation.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework) 0 2. Architect or engineer fee 8,700 3. Moveable equipment 0 4. Project contingency 4,350 5. Miscellaneous costs	1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs)					
<b>Total \$ 13,050</b>	<b>Total \$ --</b>					
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013	6,525	6,525				13,050
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>6,525</b>	<b>6,525</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>13,050</b>

10-4

## Project Request Explanation--DA 418B

1. Project Title: State Defense Building Lighting Retrofit				2. Project Priority:																						
Agency: Adjutant General's Department				4																						
3. Project Description and Justification:																										
<p>Total Project Cost: \$ 118,835</p> <p><b>State Share Requested: \$ 83,185</b></p> <p>This project requests State funds to supplement matching Federal funds in order to retrofit 593 existing inefficient older lighting fixtures with 1 and 2 bulb high efficiency F32T8 retrofit kits and occupancy sensors. The taxpayer will save \$1.57 for every dollar it has invests. This project enable the State Defense Building to benefit from lower energy costs and consumption in the same manner as the recently executed statewide Armory Lighting Retrofit Program. Specific detailed Life Cycle Cost Analyses (LCCA) are available upon request.</p>																										
4. Estimated Project Cost:				5. Project Phasing:																						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Construction (including fixed equipment and sitework)</td> <td style="text-align: right;">108,140</td> </tr> <tr> <td>2. Architect or engineer fee</td> <td style="text-align: right;">7,130</td> </tr> <tr> <td>3. Moveable equipment</td> <td style="text-align: right;">0</td> </tr> <tr> <td>4. Project contingency</td> <td style="text-align: right;">3,565</td> </tr> <tr> <td>5. Miscellaneous costs</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>\$ 118,835</b></td> </tr> </table>				1. Construction (including fixed equipment and sitework)	108,140	2. Architect or engineer fee	7,130	3. Moveable equipment	0	4. Project contingency	3,565	5. Miscellaneous costs		<b>Total</b>	<b>\$ 118,835</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Preliminary plans (including misc. costs)</td> <td></td> </tr> <tr> <td>2. Final plans (including misc. and other costs)</td> <td></td> </tr> <tr> <td>3. Construction (including misc. and other costs)</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>\$ --</b></td> </tr> </table>			1. Preliminary plans (including misc. costs)		2. Final plans (including misc. and other costs)		3. Construction (including misc. and other costs)		<b>Total</b>	<b>\$ --</b>
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3. Construction (including misc. and other costs)																										
<b>Total</b>	<b>\$ --</b>																									
6. Amount by Source of Financing:																										
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total																				
Prior Years						--																				
FY 2013	83,185	35,650				118,835																				
FY 2014						--																				
FY 2015						--																				
FY 2016						--																				
FY 2017						--																				
FY 2018						--																				
Subsequent Years						--																				
<b>Total</b>	83,185	35,650	\$ --	\$ --	\$ --	118,835																				

10-5

## Project Request Explanation--DA 418B

1. Project Title: Emporia Armory Drainage Repairs				2. Project Priority:		
Agency: Adjutant General's Department				5		
3. Project Description and Justification:						
<p>Total Project Cost:                                 \$       88,000</p> <p><b>State Share Requested:</b>                         \$       <b>44,000</b></p>						
<p>This project requests State funds to supplement matching Federal funds in order to reconfigure the site drainage system at the Emporia Armory parking areas in order to prevent further water infiltration into the pavement, as well as reducing the risk of drainage toward the facility. Selected paved areas will also be resurfaced by excavating and re-milling the driveway and parking areas. The paving is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and privately owned vehicles.</p>						
4. Estimated Project Cost:				5. Project Phasing:		
1. Construction (including fixed equipment and sitework)	80,080			1. Preliminary plans (including misc. costs)		
2. Architect or engineer fee	5,280			2. Final plans (including misc. and other costs)		
3. Moveable equipment	0			3. Construction (including misc. and other costs)		
4. Project contingency	2,640					
5. Miscellaneous costs						
<b>Total</b>		<b>\$ 88,000</b>		<b>Total \$ --</b>		
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013	44,000	44,000				88,000
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	44,000	44,000	\$ --	\$ --	\$ --	88,000

10-6

## Project Request Explanation--DA 418B

1. Project Title: Clay Center Armory Paving Repairs				2. Project Priority:		
Agency: Adjutant General's Department				6		
3. Project Description and Justification:						
<p>Total Project Cost: \$ 50,000</p> <p>State Share Requested: \$ 25,000</p> <p>This project requests State funds to supplement matching Federal funds in order to repair multiple damaged paved parking areas at the Clay Center Armory. Selected paved areas will also be resurfaced by excavating and re-milling the driveway and parking areas. The paving is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and privately owned vehicles.</p>						
4. Estimated Project Cost:				5. Project Phasing:		
1. Construction (including fixed equipment and sitework)	45,500			1. Preliminary plans (including misc. costs)		
2. Architect or engineer fee	3,000			2. Final plans (including misc. and other costs)		
3. Moveable equipment	0			3. Construction (including misc. and other costs)		
4. Project contingency	1,500					
5. Miscellaneous costs						
<b>Total</b>		<b>\$ 50,000</b>		<b>Total \$ --</b>		
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013	25,000	25,000				50,000
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	25,000	25,000	\$ --	\$ --	\$ --	50,000

10-7

## Project Request Explanation--DA 418B

1. Project Title: Colby Armory Fencing Replacement				2. Project Priority:		
Agency: Adjutant General's Department				7		
3. Project Description and Justification:						
<p>Total Project Cost: \$ 25,000</p> <p><b>State Share Requested: \$ 12,500</b></p> <p>This project requests State funds to supplement matching Federal funds in order to remove the existing failed perimeter fencing system at the Colby Armory and replace it with new fencing which is compliant with force protection and security requirements for motor vehicle storage areas. This will ensure that all Military Vehicles are secure. The existing fencing is damaged, broken, rusted, and has reached a point where self-help repairs are not possible.</p>						
4. Estimated Project Cost:				5. Project Phasing:		
1. Construction (including fixed equipment and sitework)		22,750		1. Preliminary plans (including misc. costs)		
2. Architect or engineer fee		1,500		2. Final plans (including misc. and other costs)		
3. Moveable equipment		0		3. Construction (including misc. and other costs)		
4. Project contingency		750				
5. Miscellaneous costs						
<b>Total</b>				<b>\$ 25,000</b>		<b>Total \$</b>
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013	12,500	12,500				25,000
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	12,500	12,500	\$ --	\$ --	\$ --	25,000



## Project Request Explanation--DA 418B

1. Project Title: Dodge City Armory Paving Repairs		2. Project Priority:				
Agency: Adjutant General's Department		8				
3. Project Description and Justification:						
<p>Total Project Cost:                                 \$     150,000</p> <p><b>State Share Requested:</b>                         \$     <b>75,000</b></p>						
<p>This project requests State funds to supplement matching Federal funds in order to reconfigure the drainage system at the Dodge City Armory parking areas in order to prevent further water infiltration into the pavement system. This will also prevent drainage from running toward the facility. Selected paved areas will also be resurfaced by excavating and re-milling the driveway and parking areas. The paving is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and privately owned vehicles.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	136,500	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	9,000	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	4,500					
5. Miscellaneous costs						
<b>Total</b>	<b>\$ 150,000</b>	<b>Total</b>	<b>\$ --</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013	75,000	75,000				150,000
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>75,000</b>	<b>75,000</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>150,000</b>

# Requirement Explanation

1. Task Title:      Debt Service FY 2014		2. Priority:				
Agency:            Adjutant General's Department		9				
3. Project Description and Justification: Bond Debt Service is payment of all bonds within the Bonding Issue Program. This payment is for Fiscal Year 2014.						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework) Principle	2,225,000	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	0	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	0					
5. Miscellaneous costs - interest	1,392,271					
<b>Total</b>	<b>\$ 3,617,271</b>	<b>Total</b>	<b>\$ --</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	3,617,271					3,617,271
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	3,617,271	\$ --	\$ --	\$ --	\$ --	3,617,271

## Requirement Explanation

1. Task Title: <b>Building Maintenance and Repair</b>	2. Priority:
Agency: <b>Adjutant General's Department</b>	<b>10</b>

3. Project Description and Justification:

These funds are requested because the bond funds that were used to supplement the regular maintenance and repair for the armories will be depleted in FY 2013. Maintenance and Repair necessary to maintain good working order and to prevent disruption of the agency's mission including: Preventative Maintenance Program, Fire & Egress Sign Replacements, Smoke Detection Systems, Weapons Doors & Locks, Bullpen Fences & Gates, Security Locks and Doors, LED Bullpen Security Lighting, Heating and Cooling Preventative Maintenance Servicing and Lubrication, HVAC System Repairs, Filters, Gutters and Roof Drain Cleanouts, Roof Seams and Valleys, Exterior Wall Crack and Tuckpointing, Air Infiltration Caulking, Light Fixtures, Lamps, Door Repairs and Lock/Key Controls, Plumbing Line Maintenance, Select Major Plumbing line repairs, Minor Spot Crack-Seal Pavement Repairs, Select Major Pavement Repairs, Re-Grading washouts, Drainage System Repairs, Floor Buffing, Mowers and Weed-Eaters. FY 2013 is only for 3 months since we would not get the funds until April 2013.

<b>4. Estimated Project Cost:</b> 1. Construction (including fixed equipment and sitework) <span style="float: right;">0</span> 2. Architect or engineer fee <span style="float: right;">0</span> 3. Moveable equipment <span style="float: right;">0</span> 4. Project contingency <span style="float: right;">0</span> 5. Miscellaneous costs <span style="float: right;">0</span> <div style="text-align: right; border-top: 1px solid black; padding-top: 5px;"><b>Total \$ --</b></div>	<b>5. Project Phasing:</b> 1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs) <div style="text-align: right; border-top: 1px solid black; padding-top: 5px;"><b>Total \$ --</b></div>
--	--

6. Amount by Source of Financing:

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013	131,349	136,710				268,059
FY 2014	536,492	567,909				1,104,401
FY 2015	549,541	581,724				1,131,265
FY 2016	566,027	599,176				1,165,203
FY 2017	583,008	617,151				1,200,159
FY 2018	600,498	635,666				1,236,164
Subsequent Years						--
<b>Total</b>	<b>2,966,916</b>	<b>3,138,335</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>6,105,251</b>

## Project Request Explanation--DA 418B

1. Project Title: Hiawatha Armory Interior Renovation - construction		2. Project Priority:				
Agency: Adjutant General's Department		11				
3. Project Description and Justification:						
<p>Total Project Cost: \$ 632,450</p> <p><b>State Share Requested: \$ 316,225</b></p> <p>This project requests State funds to supplement matching Federal funds in order to update the plumbing and mechanical systems and renovate additional failed systems at the Hiawatha Armory. The entire plumbing system comprised of 60 year old original cast iron plumbing has reached an inoperable state due to rust and buildup. These failed lines and fittings shall be replaced. Multiple additional repairs and refinishing is necessary at the aged interior. The project will also remediate ground water infiltration into the basement and refinish original oak drill hall flooring. The facility is listed on the Historic Register and will be compliant with all requirements thereto. The FY 2013 request is for the design fees only. This will allow the agency to start the design work. The FY 2014 funds will be used for the construction/renovation.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework) <span style="float: right;">632,450</span> 2. Architect or engineer fee 3. Moveable equipment 4. Project contingency 5. Miscellaneous costs		1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs)				
<b>Total \$ 632,450</b>		<b>Total \$ -</b>				
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						-
FY 2013						-
FY 2014	316,225	316,225				632,450
FY 2015						-
FY 2016						-
FY 2017						-
FY 2018						-
Subsequent Years						-
<b>Total</b>	<b>316,225</b>	<b>316,225</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>632,450</b>

10-12

## Project Request Explanation--DA 418B

1. Project Title: Topeka Armory Plumbing Replacement - construction				2. Project Priority:																						
Agency: Adjutant General's Department				12																						
3. Project Description and Justification:																										
<p>Total Project Cost: \$ 131,950</p> <p><b>State Share Requested: \$ 65,975</b></p> <p>This project requests State funds to supplement matching Federal funds in order to replace all cast iron plumbing line systems that serve the original Topeka (Nickell) Armory facility. The lines are located in the basement and crawlspace areas of the facility and intertwine in and around multiple valuable motors and drives, and have require ever increasing maintenance and repair. This project will prevent catastrophic failure resulting flooding at the facility. No work is necessary at the relatively recent Eisenhower Addition wing of the facility. The FY 2013 request is for the design fees only. This will allow the agency to start the design work. The FY 2014 funds will be used for the construction/renovation.</p>																										
4. Estimated Project Cost:				5. Project Phasing:																						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Construction (including fixed equipment and sitework)</td> <td style="text-align: right;">131,950</td> </tr> <tr> <td>2. Architect or engineer fee</td> <td style="text-align: right;">0</td> </tr> <tr> <td>3. Moveable equipment</td> <td style="text-align: right;">0</td> </tr> <tr> <td>4. Project contingency</td> <td style="text-align: right;">0</td> </tr> <tr> <td>5. Miscellaneous costs</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>\$ 131,950</b></td> </tr> </table>				1. Construction (including fixed equipment and sitework)	131,950	2. Architect or engineer fee	0	3. Moveable equipment	0	4. Project contingency	0	5. Miscellaneous costs		<b>Total</b>	<b>\$ 131,950</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Preliminary plans (including misc. costs)</td> <td></td> </tr> <tr> <td>2. Final plans (including misc. and other costs)</td> <td></td> </tr> <tr> <td>3. Construction (including misc. and other costs)</td> <td></td> </tr> <tr> <td style="text-align: right;"><b>Total \$</b></td> <td style="text-align: right;"><b>-</b></td> </tr> </table>			1. Preliminary plans (including misc. costs)		2. Final plans (including misc. and other costs)		3. Construction (including misc. and other costs)		<b>Total \$</b>	<b>-</b>
1. Construction (including fixed equipment and sitework)	131,950																									
2. Architect or engineer fee	0																									
3. Moveable equipment	0																									
4. Project contingency	0																									
5. Miscellaneous costs																										
<b>Total</b>	<b>\$ 131,950</b>																									
1. Preliminary plans (including misc. costs)																										
2. Final plans (including misc. and other costs)																										
3. Construction (including misc. and other costs)																										
<b>Total \$</b>	<b>-</b>																									
6. Amount by Source of Financing:																										
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total																				
Prior Years						--																				
FY 2013						--																				
FY 2014	65,975	65,975				131,950																				
FY 2015						--																				
FY 2016						--																				
FY 2017						--																				
FY 2018						--																				
Subsequent Years						--																				
<b>Total</b>	65,975	65,975	\$ -	\$ -	\$ -	131,950																				

## Project Request Explanation--DA 418B

1. Project Title:     Holton Armory Paving Repairs & Expansion		2. Project Priority:				
Agency:             Adjutant General's Department		13				
3. Project Description and Justification:						
<p>Total Project Cost:                     \$       76,000</p> <p><b>State Share Requested:</b>               \$       19,000</p>						
<p>This project requests State funds to supplement matching Federal funds in order to expand the Holton Armory parking area in order to accommodate the required vehicles for Drill Weekends. This expansion shall extend the lot to the west and prevent ongoing damage to the unpaved grounds. Selected existing paved areas will also be resurfaced by excavating and re-milling the driveway and parking areas. The paving is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and privately owned vehicles.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	69,160	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	4,560	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	2,280					
5. Miscellaneous costs						
<b>Total</b>	<b>\$ 76,000</b>	<b>Total</b>	<b>\$ --</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	19,000	57,000				76,000
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>19,000</b>	<b>57,000</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>76,000</b>

10-14

# Project Request Explanation--DA 418B

<b>1. Project Title:</b> Hutchinson Armory Paving Repairs  <b>Agency:</b> Adjutant General's Department	<b>2. Project Priority:</b>  14
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**3. Project Description and Justification:**

Total Project Cost:                     \$     120,004  
**State Share Requested:**               \$     60,002

This project requests State funds to supplement matching Federal funds in order to excavate and re-mill the asphalt driveway and parking (approximately 1,267 square yards) with new asphalt (4" depth) at the Hutchinson National Guard Armory. The building capacity of 30,643 square feet houses more than 15 Kansas Army National Guard personnel five days a week and 160 or more National Guard personnel one or more weekends per month. The asphalt is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and privately owned vehicles.

<b>4. Estimated Project Cost:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1. Construction (including fixed equipment and sitework)</td> <td style="text-align: right; padding: 2px;">109,204</td> </tr> <tr> <td style="padding: 2px;">2. Architect or engineer fee</td> <td style="text-align: right; padding: 2px;">7,200</td> </tr> <tr> <td style="padding: 2px;">3. Moveable equipment</td> <td style="text-align: right; padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">4. Project contingency</td> <td style="text-align: right; padding: 2px;">3,600</td> </tr> <tr> <td style="padding: 2px;">5. Miscellaneous costs</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total</b></td> <td style="text-align: right; padding: 2px;"><b>\$ 120,004</b></td> </tr> </table>	1. Construction (including fixed equipment and sitework)	109,204	2. Architect or engineer fee	7,200	3. Moveable equipment	0	4. Project contingency	3,600	5. Miscellaneous costs		<b>Total</b>	<b>\$ 120,004</b>	<b>5. Project Phasing:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1. Preliminary plans (including misc. costs)</td> </tr> <tr> <td style="padding: 2px;">2. Final plans (including misc. and other costs)</td> </tr> <tr> <td style="padding: 2px;">3. Construction (including misc. and other costs)</td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total \$</b></td> <td style="text-align: right; padding: 2px;"><b>--</b></td> </tr> </table>	1. Preliminary plans (including misc. costs)	2. Final plans (including misc. and other costs)	3. Construction (including misc. and other costs)	<b>Total \$</b>	<b>--</b>
1. Construction (including fixed equipment and sitework)	109,204																	
2. Architect or engineer fee	7,200																	
3. Moveable equipment	0																	
4. Project contingency	3,600																	
5. Miscellaneous costs																		
<b>Total</b>	<b>\$ 120,004</b>																	
1. Preliminary plans (including misc. costs)																		
2. Final plans (including misc. and other costs)																		
3. Construction (including misc. and other costs)																		
<b>Total \$</b>	<b>--</b>																	

**6. Amount by Source of Financing:**

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	60,002	60,002				120,004
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	60,002	60,002	\$ --	\$ --	\$ --	120,004

10-15

## Project Request Explanation--DA 418B

1. Project Title:     Lawrence Armory Paving Replacement				2. Project Priority:			
Agency:             Adjutant General's Department				15			
3. Project Description and Justification:							
<p>Total Project Cost:                     \$       58,000</p> <p><b>State Share Requested:</b>               \$       29,000</p> <p>This project requests State funds to supplement matching Federal funds in order to reconfigure the drainage system at the Lawrence Armory parking areas in order to prevent further water damage to the pavement system. Selected paved areas will also be resurfaced by excavating and re-milling the driveway and parking areas. The paving is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and privately owned vehicles.</p>							
4. Estimated Project Cost:				5. Project Phasing:			
1. Construction (including fixed equipment and sitework)	52,780			1. Preliminary plans (including misc. costs)			
2. Architect or engineer fee	3,480			2. Final plans (including misc. and other costs)			
3. Moveable equipment	0			3. Construction (including misc. and other costs)			
4. Project contingency	1,740						
5. Miscellaneous costs							
<b>Total</b>		<b>\$ 58,000</b>		<b>Total \$</b>			--
6. Amount by Source of Financing:							
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total	
Prior Years						--	
FY 2013						--	
FY 2014	29,000	29,000				58,000	
FY 2015						--	
FY 2016						--	
FY 2017						--	
FY 2018						--	
Subsequent Years						--	
<b>Total</b>	29,000	29,000	\$       --	\$       --	\$       --	58,000	



## Project Request Explanation--DA 418B

1. Project Title:     Olathe Armory Paving Replacement  Agency:             Adjutant General's Department	2. Project Priority:  16
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3. Project Description and Justification:

Total Project Cost:                 \$     225,522  
**State Share Requested:**             \$     112,761

This project requests State funds to supplement matching Federal funds in order to reconfigure the drainage system and to excavate and re-mill the asphalt driveway and parking (approximately 2,382 square yards) with new asphalt (4" depth) at the Olathe National Guard Armory. The building capacity of 32,877 square feet houses more than 12 full-time Kansas Army National Guard personnel five days a week and 150 or more National Guard personnel one or more weekends per month. The asphalt is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and private owned vehicles.

<b>4. Estimated Project Cost:</b> 1. Construction (including fixed equipment and sitework)                     205,225 2. Architect or engineer fee                                     13,531 3. Moveable equipment   0 4. Project contingency   6,766 5. Miscellaneous costs  <div style="text-align: right;"><b>Total             \$ 225,522</b></div>	<b>5. Project Phasing:</b> 1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs)  <div style="text-align: right;"><b>Total \$                 --</b></div>
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6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	112,761	112,761				225,522
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	112,761	112,761	\$            --	\$            --	\$            --	225,522

10-17

## Project Request Explanation--DA 418B

1. Project Title: Marysville Armory Military Vehicle Lot Expansion				2. Project Priority:		
Agency: Adjutant General's Department				17		
3. Project Description and Justification:						
<p>Total Project Cost: \$ 151,606</p> <p><b>State Share Requested: \$ 37,902</b></p> <p>This project requests State funds to supplement matching Federal funds in order to expand the Marysville Armory Military Vehicle storage lot in order to accommodate the required vehicles for Drill Weekends. This will ensure that all Military Vehicles are secure. This expansion shall also remedy existing drainage problems and provide funds for the selective repair of the existing lot areas. The facility is 2045 square yards short of the authorized area required. The existing paving is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and privately owned vehicles.</p>						
4. Estimated Project Cost:				5. Project Phasing:		
1. Construction (including fixed equipment and sitework)		137,961		1. Preliminary plans (including misc. costs)		
2. Architect or engineer fee		9,096		2. Final plans (including misc. and other costs)		
3. Moveable equipment		0		3. Construction (including misc. and other costs)		
4. Project contingency		4,548				
5. Miscellaneous costs						
<b>Total</b>		<b>\$ 151,606</b>		<b>Total \$ --</b>		
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	37,902	113,704				151,606
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>37,902</b>	<b>113,704</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>151,606</b>

10-18

## Project Request Explanation--DA 418B

1. Project Title: Paola Armory Drainage Repairs		2. Project Priority:				
Agency: Adjutant General's Department		18				
3. Project Description and Justification:						
<p>Total Project Cost: \$ 36,000</p> <p><b>State Share Requested: \$ 18,000</b></p> <p>This project requests State funds to supplement matching Federal funds in order to remedy existing drainage problems and provide funds for the selective repair of the existing lot areas. The sloped ground behind the Armory shall be re-graded to achieve drainage that does not continue to destroy paved areas. The existing paving is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and privately owned vehicles.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	32,760	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	2,160	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	1,080					
5. Miscellaneous costs						
<b>Total</b>		<b>Total \$</b>				
		-				
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	18,000	18,000				36,000
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	18,000	18,000	\$ -	\$ -	\$ -	36,000

10-19

## Project Request Explanation--DA 418B

1. Project Title: Pratt Armory Military Vehicle Lot Expansion		2. Project Priority:				
Agency: Adjutant General's Department		19				
3. Project Description and Justification:						
Total Project Cost:                                 \$     179,330 <b>State Share Requested:</b> \$ <b>44,833</b>						
This project requests State funds to supplement matching Federal funds in order to expand the Pratt Armory Military Vehicle storage lot in order to accommodate the required vehicles for Drill Weekends. This will ensure that all Military Vehicles are secure. The facility is 3398 square yards short of the authorized area required.						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	163,190	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	10,760	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	5,380					
5. Miscellaneous costs						
<b>Total</b>		<b>Total</b>				
\$ 179,330		\$ --				
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	44,833	134,497				179,330
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	44,833	134,497	\$ --	\$ --	\$ --	179,330

/o-20

# Project Request Explanation--DA 418B

1. Project Title:     Topeka AFRC 688 Concrete Motor Pool Repair  Agency:             Adjutant General's Department	2. Project Priority:  20
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3. Project Description and Justification:

Total Project Cost:                     \$       50,000  
**State Share Requested:**                 \$        9,800

This project requests State funds to supplement matching Federal funds in order to repair significant concrete paving damage crack and spalling problems at the Military Vehicle storage pool lot at the Topeka Armed Forces Reserve Center at Forbes Field. The existing paving is corrupt in many areas; holes have been developed by age and extreme weather conditions.

4. Estimated Project Cost: <table style="width: 100%; margin-top: 5px;"> <tr> <td style="padding: 2px;">1. Construction (including fixed equipment and sitework)</td> <td style="text-align: right; padding: 2px;">45,500</td> </tr> <tr> <td style="padding: 2px;">2. Architect or engineer fee</td> <td style="text-align: right; padding: 2px;">3,000</td> </tr> <tr> <td style="padding: 2px;">3. Moveable equipment</td> <td style="text-align: right; padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">4. Project contingency</td> <td style="text-align: right; padding: 2px;">1,500</td> </tr> <tr> <td style="padding: 2px;">5. Miscellaneous costs</td> <td></td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total</b></td> <td style="text-align: right; padding: 2px;"><b>\$ 50,000</b></td> </tr> </table>	1. Construction (including fixed equipment and sitework)	45,500	2. Architect or engineer fee	3,000	3. Moveable equipment	0	4. Project contingency	1,500	5. Miscellaneous costs		<b>Total</b>	<b>\$ 50,000</b>	5. Project Phasing: <table style="width: 100%; margin-top: 5px;"> <tr> <td style="padding: 2px;">1. Preliminary plans (including misc. costs)</td> </tr> <tr> <td style="padding: 2px;">2. Final plans (including misc. and other costs)</td> </tr> <tr> <td style="padding: 2px;">3. Construction (including misc. and other costs)</td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total</b></td> <td style="text-align: right; padding: 2px;"><b>\$ -</b></td> </tr> </table>	1. Preliminary plans (including misc. costs)	2. Final plans (including misc. and other costs)	3. Construction (including misc. and other costs)	<b>Total</b>	<b>\$ -</b>
1. Construction (including fixed equipment and sitework)	45,500																	
2. Architect or engineer fee	3,000																	
3. Moveable equipment	0																	
4. Project contingency	1,500																	
5. Miscellaneous costs																		
<b>Total</b>	<b>\$ 50,000</b>																	
1. Preliminary plans (including misc. costs)																		
2. Final plans (including misc. and other costs)																		
3. Construction (including misc. and other costs)																		
<b>Total</b>	<b>\$ -</b>																	

6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						-
FY 2013						-
FY 2014	9,800	40,200				50,000
FY 2015						-
FY 2016						-
FY 2017						-
FY 2018						-
Subsequent Years						-
<b>Total</b>	9,800	40,200	\$       -	\$       -	\$       -	50,000

## Project Request Explanation--DA 418B

1. Project Title:     Topeka AFRC 688 Asphalt Paving Repair					2. Project Priority:	
Agency:             Adjutant General's Department					21	
3. Project Description and Justification:						
Total Project Cost:                     \$     50,000						
<b>State Share Requested:                 \$     9,800</b>						
This project requests State funds to supplement matching Federal funds in order to repair significant asphalt paving damage crack and spalling problems at the Topeka Armed Forces Reserve Center at Forbes Field. The existing paving is corrupt in many areas; holes have been developed by age and extreme weather conditions.						
4. Estimated Project Cost:				5. Project Phasing:		
1. Construction (including fixed equipment and sitework)	45,500			1. Preliminary plans (including misc. costs)		
2. Architect or engineer fee	3,000			2. Final plans (including misc. and other costs)		
3. Moveable equipment	0			3. Construction (including misc. and other costs)		
4. Project contingency	1,500					
5. Miscellaneous costs						
<b>Total</b>			<b>\$ 50,000</b>	<b>Total \$ --</b>		
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	9,800	40,200				50,000
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>9,800</b>	<b>40,200</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>50,000</b>

## Project Request Explanation--DA 418B

<b>1. Project Title:</b> Wichita South Armory Paving Replacement  <b>Agency:</b> Adjutant General's Department	<b>2. Project Priority:</b>  <div style="text-align: center;">22</div>
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**3. Project Description and Justification:**

Total Project Cost:                     \$        90,000  
**State Share Requested:**             \$        45,000

This project requests State funds to supplement matching Federal funds in order to reconfigure the drainage system at the Wichita South Armory parking areas in order to prevent further water damage. Asphalt paved areas will also be resurfaced by excavating and re-milling the driveway and parking areas and new asphalt (4" depth) shall be installed. The existing paving is corrupt in many areas; holes have been developed by age, extreme weather conditions and driving is very hazardous for commercial and privately owned vehicles.

<b>4. Estimated Project Cost:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1. Construction (including fixed equipment and sitework)</td> <td style="text-align: right; padding: 2px;">81,900</td> </tr> <tr> <td style="padding: 2px;">2. Architect or engineer fee</td> <td style="text-align: right; padding: 2px;">5,400</td> </tr> <tr> <td style="padding: 2px;">3. Moveable equipment</td> <td style="text-align: right; padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">4. Project contingency</td> <td style="text-align: right; padding: 2px;">2,700</td> </tr> <tr> <td style="padding: 2px;">5. Miscellaneous costs</td> <td></td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total</b></td> <td style="text-align: right; padding: 2px;"><b>\$ 90,000</b></td> </tr> </table>	1. Construction (including fixed equipment and sitework)	81,900	2. Architect or engineer fee	5,400	3. Moveable equipment	0	4. Project contingency	2,700	5. Miscellaneous costs		<b>Total</b>	<b>\$ 90,000</b>	<b>5. Project Phasing:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1. Preliminary plans (including misc. costs)</td> <td></td> </tr> <tr> <td style="padding: 2px;">2. Final plans (including misc. and other costs)</td> <td></td> </tr> <tr> <td style="padding: 2px;">3. Construction (including misc. and other costs)</td> <td></td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total</b></td> <td style="text-align: right; padding: 2px;"><b>\$ -</b></td> </tr> </table>	1. Preliminary plans (including misc. costs)		2. Final plans (including misc. and other costs)		3. Construction (including misc. and other costs)		<b>Total</b>	<b>\$ -</b>
1. Construction (including fixed equipment and sitework)	81,900																				
2. Architect or engineer fee	5,400																				
3. Moveable equipment	0																				
4. Project contingency	2,700																				
5. Miscellaneous costs																					
<b>Total</b>	<b>\$ 90,000</b>																				
1. Preliminary plans (including misc. costs)																					
2. Final plans (including misc. and other costs)																					
3. Construction (including misc. and other costs)																					
<b>Total</b>	<b>\$ -</b>																				

**6. Amount by Source of Financing:**

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	45,000	45,000				90,000
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total:</b>	45,000	45,000	\$ -	\$ -	\$ -	90,000

10-23

# Project Request Explanation--DA 418B

1. Project Title:     Armory Single Pane Window Replacements	2. Project Priority:
Agency:            Adjutant General's Department	23

3. Project Description and Justification:

Total Project Cost:                     \$     245,000  
**State Share Requested:**                 \$     122,500

This project requests State funds to supplement matching Federal funds in order to replace select single pane windows which still remain at multiple Armory facilities. Armories such as Abilene, Clay Center, Newton, and others of that vintage have high clerestory single pane windows in the drill halls, and in some locations, single pane windows in the office areas and maintenance bays. These existing windows are very inefficient from a soldier comfort, maintenance, and energy cost standpoint. New windows shall be fully insulated glazing units with full thermal breaks, Low-E2 glass, and shall meet the following glazing criteria: SHGC<0.3,U < 0.35,visible transmission > 60-70%.

<b>4. Estimated Project Cost:</b> 1. Construction (including fixed equipment and sitework)   222,950 2. Architect or engineer fee   14,700 3. Moveable equipment   0 4. Project contingency   7,350 5. Miscellaneous costs <div style="text-align: right; margin-top: 10px;"><b>Total</b>             <b>\$ 245,000</b></div>	<b>5. Project Phasing:</b> 1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs) <div style="text-align: right; margin-top: 10px;"><b>Total</b> \$             <b>—</b></div>
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6. Amount by Source of Financing:

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4. _____	5. _____	Total
Prior Years						—
FY 2013						—
FY 2014	122,500	122,500				245,000
FY 2015						—
FY 2016						—
FY 2017						—
FY 2018						—
Subsequent Years						—
<b>Total</b>	<b>122,500</b>	<b>122,500</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ —</b>	<b>245,000</b>

10-24



## Project Request Explanation--DA 418B

1. Project Title: <b>Statewide Building Energy Management System</b>		2. Project Priority:				
Agency: <b>Adjutant General's Department</b>		24				
3. Project Description and Justification:						
<p>Total Project Cost:                     \$     395,000</p> <p><b>State Share Requested:</b>                 \$     <b>197,500</b></p>						
<p>This project requests State funds to supplement matching Federal funds in order to systematically install a statewide Building Energy Management System. In Federal Fiscal Year 2011, the Kansas Army National Guard spent \$2,777,428.37 on energy utility costs. The federal portion is \$2,252,827.23 and the state portion is \$524,601.41 for all utilities. This new system will enable much more effective and responsive management of temperature set points, demand load shedding, and equipment cycling across the state. The system will be more responsive to weather, building usage, and utility rates. The main central monitoring system shall be located at Joint Force Headquarters in Topeka, and DDC control systems shall be installed across the state at selected facilities.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	359,450	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	23,700	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	11,850					
5. Miscellaneous costs						
<b>Total</b>	<b>\$ 395,000</b>	<b>Total \$</b>	--			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	197,500	197,500				395,000
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	197,500	197,500	\$     --	\$     --	\$     --	395,000

10-25

## Project Request Explanation--DA 418B

1. Project Title:     Lawrence Armory Military Vehicle Lot Expansion		2. Project Priority:				
Agency:             Adjutant General's Department		25				
3. Project Description and Justification:						
<p>Total Project Cost:                     \$       52,218</p> <p>State Share Requested:                 \$       13,055</p> <p>This project requests State funds to supplement matching Federal funds in order to expand the Lawrence Armory Military Vehicle storage lot in order to accommodate the required vehicles. This will ensure that all Military Vehicles are secure. The facility is 161 square yards short of the authorized area required.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	47,518	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	3,133	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	1,567					
5. Miscellaneous costs						
<b>Total</b>		<b>Total \$</b>				
		<b>\$ 52,218</b>				
		<b>--</b>				
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	13,055	39,163				52,218
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	13,055	39,163	\$       --	\$       --	\$       --	52,218

10-26

## Project Request Explanation--DA 418B

1. Project Title:     Wichita South Armory Military Vehicle Lot Expansion	2. Project Priority:
Agency:             Adjutant General's Department	26

3. Project Description and Justification:

Total Project Cost:                     \$       76,375

State Share Requested:                 \$       19,094

This project requests State funds to supplement matching Federal funds in order to expand the Wichita South Armory Military Vehicle storage lot in order to accommodate the required vehicles. This will ensure that all Military Vehicles are secure. The facility is 238 square yards short of the authorized area required.

<b>4. Estimated Project Cost:</b> 1. Construction (including fixed equipment and sitework)                     69,501 2. Architect or engineer fee                                     4,583 3. Moveable equipment   0 4. Project contingency   2,291 5. Miscellaneous costs <div style="text-align: right; margin-top: 10px;"><b>Total             \$ 76,375</b></div>	<b>5. Project Phasing:</b> 1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs) <div style="text-align: right; margin-top: 10px;"><b>Total             \$             --</b></div>
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6. Amount by Source of Financing:

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014	19,094	57,281				76,375
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	19,094	57,281	\$             --	\$             --	\$             --	76,375

# Requirement Explanation

1. Task Title:        Debt Service FY 2015		2. Priority:				
Agency:            Adjutant General's Department		27				
3. Project Description and Justification: Bond Debt Service is payment of all bonds within the Bonding Issue Program. This payment is for Fiscal Year 2015.						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework) Principle	2,280,000	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	0	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	0					
5. Miscellaneous costs - interest	1,299,173					
<b>Total</b>	<b>\$ 3,579,173</b>	<b>Total \$</b>	<b>—</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						—
FY 2013						—
FY 2014						—
FY 2015	3,579,173					3,579,173
FY 2016						—
FY 2017						—
FY 2018						—
Subsequent Years						—
<b>Total</b>	<b>3,579,173</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ —</b>	<b>3,579,173</b>

# Requirement Explanation

<b>1. Task Title:</b> Building Maintenance and Repair  <b>Agency:</b> Adjutant General's Department	<b>2. Priority:</b>  <div style="text-align: right;">28</div>
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**3. Project Description and Justification:**

These funds are requested because the bond funds that were used to supplement the regular maintenance and repair for the armories will be depleted in FY 2013. Maintenance and Repair necessary to maintain good working order and to prevent disruption of the agency's mission including: Preventative Maintenance Program, Fire & Egress Sign Replacements, Smoke Detection Systems, Weapons Doors & Locks, Bullpen Fences & Gates, Security Locks and Doors, LED Bullpen Security Lighting, Heating and Cooling Preventative Maintenance Servicing and Lubrication, HVAC System Repairs, Filters, Gutters and Roof Drain Cleanouts, Roof Seams and Valleys, Exterior Wall Crack and Tuckpointing, Air Infiltration Caulking, Light Fixtures, Lamps, Door Repairs and Lock/Key Controls, Plumbing Line Maintenance, Select Major Plumbing line repairs, Minor Spot Crack-Seal Pavement Repairs, Select Major Pavement Repairs, Re-Grading washouts, Drainage System Repairs, Floor Buffing, Mowers and Weed-Eaters. FY 2013 is only for 3 months since we would not get the funds until April 2013.

<b>4. Estimated Project Cost:</b> 1. Construction (including fixed equipment and sitework) 0 2. Architect or engineer fee 0 3. Moveable equipment 0 4. Project contingency 0 5. Miscellaneous costs 0  <div style="text-align: right;"><b>Total \$ -</b></div>	<b>5. Project Phasing:</b> 1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs)  <div style="text-align: right;"><b>Total \$ -</b></div>
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**6. Amount by Source of Financing:**

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						-
FY 2013	131,349	136,710				268,059
FY 2014	536,492	567,909				1,104,401
FY 2015	549,541	581,724				1,131,265
FY 2016	566,027	599,176				1,165,203
FY 2017	583,008	617,151				1,200,159
FY 2018	600,498	635,666				1,236,164
Subsequent Years						-
<b>Total</b>	<b>2,966,916</b>	<b>3,138,335</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>6,105,251</b>

10-29

## Project Request Explanation--DA 418B

1. Project Title:     Augusta Armory Main Roof Replacement	2. Project Priority:
Agency:             Adjutant General's Department	29

3. Project Description and Justification:

Total Project Cost:                     \$     239,040  
**State Share Requested:**                 \$     **119,520**

This project requests State funds to supplement matching Federal funds in order to replace the main roof at the National Guard Armory in Augusta (drill hall). This project replaces the existing standing seam metal roof system at the Augusta Armory which is past its warranty and expected service life. The existing roof dates to 1990 and is 21 years old. The project includes the removal of the existing roof, and replacing it with a new 40-60mil thick thermally joined continuous TPO roof system, additional insulation, flashing, and roof penetration jacks. The new system shall have a 15-20 year no dollar limit full system warranty. The project will increase the energy efficiency and soldier comfort at the facility.

<b>4. Estimated Project Cost:</b> 1. Construction (including fixed equipment and sitework)                     217,526 2. Architect or engineer fee                                     14,342 3. Moveable equipment   0 4. Project contingency   7,171 5. Miscellaneous costs <div style="text-align: right; border-top: 1px solid black; padding-top: 5px;"><b>Total             \$ 239,040</b></div>	<b>5. Project Phasing:</b> 1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs) <div style="text-align: right; border-top: 1px solid black; padding-top: 5px;"><b>Total             \$             --</b></div>
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6. Amount by Source of Financing:

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015	119,520	119,520				239,040
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>119,520</b>	<b>119,520</b>	<b>\$             --</b>	<b>\$             --</b>	<b>\$             --</b>	<b>239,040</b>

## Project Request Explanation--DA 418B

1. Project Title:     Augusta Armory Maint. Bay Roof Replacement		2. Project Priority:				
Agency:             Adjutant General's Department		30				
3. Project Description and Justification:						
<p>Total Project Cost:                     \$     131,040</p> <p><b>State Share Requested:</b>                 \$     65,520</p>						
<p>This project requests State funds to supplement matching Federal funds in order to replace the maintenance bay roof at the National Guard Armory in Augusta. This project replaces the existing standing seam metal roof system at the Augusta Armory which is past its warranty and expected service life. The existing roof dates to 1990 and is 21 years old. The project includes the removal of the existing roof, and replacing it with a new 40-60mil thick thermally joined continuous TPO roof system, additional insulation, flashing, and roof penetration jacks. The new system shall have a 15-20 year no dollar limit full system warranty. The project will increase the energy efficiency and soldier comfort at the facility.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	119,246	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	7,862	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	3,931					
5. Miscellaneous costs						
<b>Total</b>	<b>\$ 131,040</b>	<b>Total</b>	<b>\$ --</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015	65,520	65,520				131,040
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>65,520</b>	<b>65,520</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>131,040</b>

10-31

## Project Request Explanation--DA 418B

1. Project Title:     Western Kansas Small Wind Program				2. Project Priority:		
Agency:            Adjutant General's Department				31		
3. Project Description and Justification:						
<p>Total Project Cost:                     \$     500,000</p> <p><b>State Share Requested:</b>               \$     250,000</p>						
<p>This project requests State funds to supplement matching Federal funds in order to install approximately 10-20 small American made wind turbine systems across Kansas Army National Guard facilities in western Kansas in order to generate electricity and increase the energy security and self sufficiency of the facilities. This project will increase compliance with EISA 2007 and will significantly reduce the amount of electrical energy purchased from the local utilities. The systems shall be optimally be comprised of a gearless direct drive unit, and shall not include gearboxes. The systems shall include passive cooling and include complete measurement and verification capabilities. The systems shall meet all code, environmental, aviation, and security requirements. The units shall be optimized for the local wind conditions. The system shall be independently rated regarding their power output at three different wind speeds. The system shall be independently acoustically rated.</p>						
4. Estimated Project Cost:				5. Project Phasing:		
1. Construction (including fixed equipment and sitework)	455,000			1. Preliminary plans (including misc. costs)		
2. Architect or engineer fee	30,000			2. Final plans (including misc. and other costs)		
3. Moveable equipment	0			3. Construction (including misc. and other costs)		
4. Project contingency	15,000					
5. Miscellaneous costs						
<b>Total</b>		<b>\$ 500,000</b>		<b>Total \$ --</b>		
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015	250,000	250,000				500,000
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>250,000</b>	<b>250,000</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>500,000</b>



## Project Request Explanation--DA 418B

<b>1. Project Title:</b> Major Roof Replacement Contingency Project  <b>Agency:</b> Adjutant General's Department	<b>2. Project Priority:</b>  <div style="text-align: center;">32</div>
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**3. Project Description and Justification:**

Total Project Cost:                                 \$     350,000  
**State Share Requested:**                         \$     175,000

This project requests State funds to supplement matching Federal funds in order to replace a major roof at a Kansas Army National Guard facility due to an unforeseen Act of Nature or other unexpected failure.

<b>4. Estimated Project Cost:</b> 1. Construction (including fixed equipment and sitework)                                 318,500 2. Architect or engineer fee   21,000 3. Moveable equipment   0 4. Project contingency   10,500 5. Miscellaneous costs  <div style="text-align: right;"><b>Total</b>             <b>\$ 350,000</b></div>	<b>5. Project Phasing:</b> 1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs)  <div style="text-align: right;"><b>Total</b> \$             <b>--</b></div>
--	--

**6. Amount by Source of Financing:**

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015	175,000	175,000				350,000
FY 2016						--
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	175,000	175,000	\$ --	\$ --	\$ --	350,000

## Requirement Explanation

1. Task Title:      Debt Service FY 2016		2. Priority:				
Agency:            Adjutant General's Department		33				
3. Project Description and Justification: Bond Debt Service is payment of all bonds within the Bonding Issue Program. This payment is for Fiscal Year 2016.						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework) Principle	2,375,000	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	0	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	0					
5. Miscellaneous costs - interest	1,199,209					
<b>Total</b>	<b>\$ 3,574,209</b>	<b>Total</b>	<b>\$ --</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016	3,574,209					3,574,209
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>3,574,209</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>3,574,209</b>

## Requirement Explanation

1. Task Title:      Building Maintenance and Repair		2. Priority:				
Agency:            Adjutant General's Department		34				
3. Project Description and Justification:						
<p>These funds are requested because the bond funds that were used to supplement the regular maintenance and repair for the armories will be depleted in FY 2013. Maintenance and Repair necessary to maintain good working order and to prevent disruption of the agency's mission including: Preventative Maintenance Program, Fire &amp; Egress Sign Replacements, Smoke Detection Systems, Weapons Doors &amp; Locks, Bullpen Fences &amp; Gates, Security Locks and Doors, LED Bullpen Security Lighting, Heating and Cooling Preventative Maintenance Servicing and Lubrication, HVAC System Repairs, Filters, Gutters and Roof Drain Cleanouts, Roof Seams and Valleys, Exterior Wall Crack and Tuckpointing, Air Infiltration Caulking, Light Fixtures, Lamps, Door Repairs and Lock/Key Controls, Plumbing Line Maintenance, Select Major Plumbing line repairs, Minor Spot Crack-Seal Pavement Repairs, Select Major Pavement Repairs, Re-Grading washouts, Drainage System Repairs, Floor Buffing, Mowers and Weed-Eaters. FY 2013 is only for 3 months since we would not get the funds until April 2013.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	0	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	0	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	0					
5. Miscellaneous costs	0					
<b>Total \$</b>	<b>--</b>	<b>Total \$</b>	<b>--</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013	131,349	136,710				268,059
FY 2014	536,492	567,909				1,104,401
FY 2015	549,541	581,724				1,131,265
FY 2016	566,027	599,176				1,165,203
FY 2017	583,008	617,151				1,200,159
FY 2018	600,498	635,666				1,236,164
Subsequent Years						--
<b>Total</b>	<b>2,966,916</b>	<b>3,138,335</b>	<b>\$</b>	<b>--</b>	<b>\$</b>	<b>--</b>
				<b>\$</b>	<b>--</b>	<b>6,105,251</b>

10-35

## Project Request Explanation--DA 418B

1. Project Title: Dodge City Armory Wind Turbine	2. Project Priority:
Agency: Adjutant General's Department	35

3. Project Description and Justification:

Total Project Cost:                                 \$       37,500  
**State Share Requested:**                                 \$       **9,375**

This project requests State funds to supplement matching Federal funds in order to install a small American made wind turbine systems at the Dodge City Armory in order to generate electricity and increase the energy security and self sufficiency of the facility. This project will increase compliance with EISA 2007 and will significantly reduce the amount of electrical energy purchased from the local utilities. The system shall be optimally be comprised of a gearless direct drive unit, and shall not include gearboxes. The system shall include passive cooling and include complete measurement and verification capabilities. The systems shall meet all code, environmental, aviation, and security requirements. The units shall be optimized for the local wind conditions. The system shall be independently rated regarding their power output at three different wind speeds. The system shall be independently acoustically rated.

<b>4. Estimated Project Cost:</b> 1. Construction (including fixed equipment and sitework)                                 34,125 2. Architect or engineer fee   2,250 3. Moveable equipment   0 4. Project contingency   1,125 5. Miscellaneous costs <div style="text-align: right; border-top: 1px solid black; padding-top: 5px;"><b>Total                   \$ 37,500</b></div>	<b>5. Project Phasing:</b> 1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs) <div style="text-align: right; border-top: 1px solid black; padding-top: 5px;"><b>Total                   \$            --</b></div>
--	---

6. Amount by Source of Financing:

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016	9,375	28,125				37,500
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	9,375	28,125	\$       --	\$       --	\$       --	<b>37,500</b>



## Project Request Explanation--DA 418B

1. Project Title: Topeka Joint Force HQ Fuel Cell		2. Project Priority:				
Agency: Adjutant General's Department		37				
3. Project Description and Justification:						
<p>Total Project Cost: \$ 590,000</p> <p><b>State Share Requested: \$ 147,500</b></p> <p>This project requests State funds to supplement matching Federal funds in order to install an energy server fuel cell system at the Topeka Joint Force Headquarters facility. The energy server shall deliver clean and low cost electrical power to meet base electrical load needs for the complex. The system shall be integrated with a demand load shedding program. The fuel cell shall produce power in parallel with the utility grid, reduce emissions and meet stringent life cycle cost analysis thresholds. The system shall be installed in a modular architecture in order to enable the total installation size to be tailored to the base load electricity demand. The system shall run on natural gas or a renewable fuel, and the market for potential fuels shall be assessed during the design fiscal year.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	536,900	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	35,400	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	17,700					
5. Miscellaneous costs						
<b>Total</b>	<b>\$ 590,000</b>	<b>Total</b>	<b>\$ --</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016	147,500	442,500				590,000
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>147,500</b>	<b>442,500</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>590,000</b>

# Project Request Explanation--DA 418B

<b>1. Project Title:</b> Military Vehicle Lot Fencing & Lighting Replacement  <b>Agency:</b> Adjutant General's Department	<b>2. Project Priority:</b>  <p style="text-align: center;">38</p>
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**3. Project Description and Justification:**

Total Project Cost: \$ 1,250,000  
**State Share Requested:** \$ 625,000

This project requests State funds to supplement matching Federal funds in order to replace the Military Vehicle Storage lot fencing at all Armory facilities which have original, aged, and insecure fencing and gate systems. This will ensure that all Military Vehicles are secure. Force protection regulations have continued to expand while the security fencing has remained as is. Time, weather, and natural aging has also contributed to the unsatisfactory state of the existing fence systems. Additionally, new lighting to meet current standards shall be included in the project and shall be comprised of efficient long life LED area fixtures.

<b>4. Estimated Project Cost:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1. Construction (including fixed equipment and sitework)</td> <td style="text-align: right; padding: 2px;">1,137,500</td> </tr> <tr> <td style="padding: 2px;">2. Architect or engineer fee</td> <td style="text-align: right; padding: 2px;">75,000</td> </tr> <tr> <td style="padding: 2px;">3. Moveable equipment</td> <td style="text-align: right; padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">4. Project contingency</td> <td style="text-align: right; padding: 2px;">37,500</td> </tr> <tr> <td style="padding: 2px;">5. Miscellaneous costs</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total</b></td> <td style="text-align: right; padding: 2px;"><b>\$ 1,250,000</b></td> </tr> </table>	1. Construction (including fixed equipment and sitework)	1,137,500	2. Architect or engineer fee	75,000	3. Moveable equipment	0	4. Project contingency	37,500	5. Miscellaneous costs		<b>Total</b>	<b>\$ 1,250,000</b>	<b>5. Project Phasing:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1. Preliminary plans (including misc. costs)</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">2. Final plans (including misc. and other costs)</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">3. Construction (including misc. and other costs)</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total</b></td> <td style="text-align: right; padding: 2px;"><b>\$ --</b></td> </tr> </table>	1. Preliminary plans (including misc. costs)		2. Final plans (including misc. and other costs)		3. Construction (including misc. and other costs)		<b>Total</b>	<b>\$ --</b>
1. Construction (including fixed equipment and sitework)	1,137,500																				
2. Architect or engineer fee	75,000																				
3. Moveable equipment	0																				
4. Project contingency	37,500																				
5. Miscellaneous costs																					
<b>Total</b>	<b>\$ 1,250,000</b>																				
1. Preliminary plans (including misc. costs)																					
2. Final plans (including misc. and other costs)																					
3. Construction (including misc. and other costs)																					
<b>Total</b>	<b>\$ --</b>																				

**6. Amount by Source of Financing:**

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016	625,000	625,000				1,250,000
FY 2017						--
FY 2018						--
Subsequent Years						--
<b>Total</b>	625,000	625,000	\$ --	\$ --	\$ --	\$ 1,250,000

## Requirement Explanation

<b>1. Task Title:</b> Debt Service FY 2017  <b>Agency:</b> Adjutant General's Department	<b>2. Priority:</b>  39
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**3. Project Description and Justification:**  
 Bond Debt Service is payment of all bonds within the Bonding Issue Program. This payment is for Fiscal Year 2017.

<b>4. Estimated Project Cost:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1. Construction (including fixed equipment and sitework) Principle</td> <td style="text-align: right; padding: 2px;">2,495,000</td> </tr> <tr> <td style="padding: 2px;">2. Architect or engineer fee</td> <td style="text-align: right; padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">3. Moveable equipment</td> <td style="text-align: right; padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">4. Project contingency</td> <td style="text-align: right; padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">5. Miscellaneous costs - interest</td> <td style="text-align: right; padding: 2px;">1,087,761</td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total</b></td> <td style="text-align: right; padding: 2px;"><b>\$ 3,582,761</b></td> </tr> </table>	1. Construction (including fixed equipment and sitework) Principle	2,495,000	2. Architect or engineer fee	0	3. Moveable equipment	0	4. Project contingency	0	5. Miscellaneous costs - interest	1,087,761	<b>Total</b>	<b>\$ 3,582,761</b>	<b>5. Project Phasing:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1. Preliminary plans (including misc. costs)</td> <td></td> </tr> <tr> <td style="padding: 2px;">2. Final plans (including misc. and other costs)</td> <td></td> </tr> <tr> <td style="padding: 2px;">3. Construction (including misc. and other costs)</td> <td></td> </tr> <tr> <td style="text-align: right; padding: 2px;"><b>Total</b></td> <td style="text-align: right; padding: 2px;"><b>\$ --</b></td> </tr> </table>	1. Preliminary plans (including misc. costs)		2. Final plans (including misc. and other costs)		3. Construction (including misc. and other costs)		<b>Total</b>	<b>\$ --</b>
1. Construction (including fixed equipment and sitework) Principle	2,495,000																				
2. Architect or engineer fee	0																				
3. Moveable equipment	0																				
4. Project contingency	0																				
5. Miscellaneous costs - interest	1,087,761																				
<b>Total</b>	<b>\$ 3,582,761</b>																				
1. Preliminary plans (including misc. costs)																					
2. Final plans (including misc. and other costs)																					
3. Construction (including misc. and other costs)																					
<b>Total</b>	<b>\$ --</b>																				

**6. Amount by Source of Financing:**

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017	3,582,761					3,582,761
FY 2018						--
Subsequent Years						--
<b>Total</b>	3,582,761	\$ --	\$ --	\$ --	\$ --	3,582,761



# Requirement Explanation

1. Task Title: <b>Building Maintenance and Repair</b>		2. Priority:				
Agency: <b>Adjutant General's Department</b>		40				
3. Project Description and Justification:						
<p>These funds are requested because the bond funds that were used to supplement the regular maintenance and repair for the armories will be depleted in FY 2013. Maintenance and Repair necessary to maintain good working order and to prevent disruption of the agency's mission including: Preventative Maintenance Program, Fire &amp; Egress Sign Replacements, Smoke Detection Systems, Weapons Doors &amp; Locks, Bullpen Fences &amp; Gates, Security Locks and Doors, LED Bullpen Security Lighting, Heating and Cooling Preventative Maintenance Servicing and Lubrication, HVAC System Repairs, Filters, Gutters and Roof Drain Cleanouts, Roof Seams and Valleys, Exterior Wall Crack and Tuckpointing, Air Infiltration Caulking, Light Fixtures, Lamps, Door Repairs and Lock/Key Controls, Plumbing Line Maintenance, Select Major Plumbing line repairs, Minor Spot Crack Seal Pavement Repairs, Select Major Pavement Repairs, Re-Grading washouts, Drainage System Repairs, Floor Buffing, Mowers and Weed-Eaters. FY 2013 is only for 3 months since we would not get the funds until April 2013.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	0	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	0	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	0					
5. Miscellaneous costs	0					
<b>Total \$</b>	<b>-</b>	<b>Total \$</b>	<b>-</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						-
FY 2013	131,349	136,710				268,059
FY 2014	536,492	567,909				1,104,401
FY 2015	549,541	581,724				1,131,265
FY 2016	566,027	599,176				1,165,203
FY 2017	583,008	617,151				1,200,159
FY 2018	600,498	635,666				1,236,164
Subsequent Years						-
<b>Total</b>	<b>2,966,916</b>	<b>3,138,335</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>6,105,251</b>

10-41

## Project Request Explanation--DA 418B

1. Project Title: Medium Scale HVAC Replacement Contingency				2. Project Priority:		
Agency: Adjutant General's Department				41		
3. Project Description and Justification:						
<p>Total Project Cost:                                 \$     125,000</p> <p><b>State Share Requested:</b>                                 \$     <b>62,500</b></p> <p>This project requests State funds to supplement matching Federal funds in order to replace a medium sized HVAC system at a Kansas Army National Guard facility due to an unforeseen Act of Nature or other unexpected failure.</p>						
4. Estimated Project Cost:				5. Project Phasing:		
1. Construction (including fixed equipment and sitework)	113,750			1. Preliminary plans (including misc. costs)		
2. Architect or engineer fee	7,500			2. Final plans (including misc. and other costs)		
3. Moveable equipment	0			3. Construction (including misc. and other costs)		
4. Project contingency	3,750					
5. Miscellaneous costs						
<b>Total</b>		<b>\$ 125,000</b>		<b>Total \$ -</b>		
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017	62,500	62,500				125,000
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>62,500</b>	<b>62,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>125,000</b>

10-42

## Project Request Explanation--DA 418B

1. Project Title:     Statewide Thermal Wall Retrofit Program		2. Project Priority:				
Agency:             Adjutant General's Department		42				
3. Project Description and Justification:						
<p>Total Project Cost:                     \$     750,000</p> <p><b>State Share Requested:</b>                 \$     <b>375,000</b></p>						
<p>This project requests State funds to supplement matching Federal funds in order to systematically install thermally transpired 2-stage exterior sheet metal wall systems at multiple facilities across the state to significantly reduce the consumption of natural gas at the facilities. The project shall include a deep analysis of the orientation, local cost, and wall configuration of every state supported facility in order to prioritize the prime candidates for these systems. The systems shall meet stringent life cycle cost analysis thresholds and shall save the taxpayer a minimum of \$1.20 for every dollar invested. The project shall include all required subcomponents of the systems including, but not limited to, bypass dampers, electronic controls, and sensors.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	682,500	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	45,000	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	22,500					
5. Miscellaneous costs						
<b>Total</b>	<b>\$ 750,000</b>	<b>Total</b>	<b>\$ --</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017	375,000	375,000				750,000
FY 2018						--
Subsequent Years						--
<b>Total</b>	<b>375,000</b>	<b>375,000</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>750,000</b>

10-43

# Requirement Explanation

1. Task Title:      Debt Service FY 2018		2. Priority:				
Agency:            Adjutant General's Department		43				
3. Project Description and Justification: Bond Debt Service is payment of all bonds within the Bonding Issue Program. This payment is for Fiscal Year 2018.						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework) Principle	2,605,000	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	0	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	0					
5. Miscellaneous costs - interest	968,384					
<b>Total</b>	<b>\$ 3,573,384</b>	<b>Total</b>	<b>\$ --</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018	3,573,384					3,573,384
Subsequent Years						--
<b>Total</b>	<b>3,573,384</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>3,573,384</b>

10-44

# Requirement Explanation

1. Task Title: <b>Building Maintenance and Repair</b>	2. Priority:
Agency: <b>Adjutant General's Department</b>	<b>44</b>

**3. Project Description and Justification:**

These funds are requested because the bond funds that were used to supplement the regular maintenance and repair for the armories will be depleted in FY 2013. Maintenance and Repair necessary to maintain good working order and to prevent disruption of the agency's mission including: Preventative Maintenance Program, Fire & Egress Sign Replacements, Smoke Detection Systems, Weapons Doors & Locks, Bullpen Fences & Gates, Security Locks and Doors, LED Bullpen Security Lighting, Heating and Cooling Preventative Maintenance Servicing and Lubrication, HVAC System Repairs, Filters, Gutters and Roof Drain Cleanouts, Roof Seams and Valleys, Exterior Wall Crack and Tuckpointing, Air Infiltration Caulking, Light Fixtures, Lamps, Door Repairs and Lock/Key Controls, Plumbing Line Maintenance, Select Major Plumbing line repairs, Minor Spot Crack Seal Pavement Repairs, Select Major Pavement Repairs, Re-Grading washouts, Drainage System Repairs, Floor Buffing, Mowers and Weed-Eaters. FY 2013 is only for 3 months since we would not get the funds until April 2013.

<b>4. Estimated Project Cost:</b> 1. Construction (including fixed equipment and sitework) <span style="float: right;">0</span> 2. Architect or engineer fee <span style="float: right;">0</span> 3. Moveable equipment <span style="float: right;">0</span> 4. Project contingency <span style="float: right;">0</span> 5. Miscellaneous costs <span style="float: right;">0</span>  <p style="text-align: right;"><b>Total \$                    -</b></p>	<b>5. Project Phasing:</b> 1. Preliminary plans (including misc. costs) 2. Final plans (including misc. and other costs) 3. Construction (including misc. and other costs)  <p style="text-align: right;"><b>Total \$                    -</b></p>
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**6. Amount by Source of Financing:**

Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						-
FY 2013	131,349	136,710				268,059
FY 2014	536,492	567,909				1,104,401
FY 2015	549,541	581,724				1,131,265
FY 2016	566,027	599,176				1,165,203
FY 2017	583,008	617,151				1,200,159
FY 2018	600,498	635,666				1,236,164
Subsequent Years						-
<b>Total</b>	<b>2,966,916</b>	<b>3,138,335</b>	<b>\$                    -</b>	<b>\$                    -</b>	<b>\$                    -</b>	<b>6,105,251</b>

## Project Request Explanation--DA 418B

1. Project Title: Military Vehicle Lot Paving Repair Program				2. Project Priority:		
Agency: Adjutant General's Department				45		
3. Project Description and Justification:						
<p>Total Project Cost: \$ 1,750,000</p> <p><b>State Share Requested: \$ 875,000</b></p> <p>This project requests State funds to supplement matching Federal funds in order to systematically repair paving and drainage systems at Military Vehicle Storage lots across the state due to ongoing aging and weather based deterioration. A complete site by site accounting of each location shall be executed in the design fiscal year. With the exception of a few armories which received new paving in the last few years, Most bullpen parking has been sporadically maintained. Often rock has simply been added to the point that water now drains towards and not away from the building. Drainage issues and choice of materials to handle the loads would all be addressed under these projects.</p>						
4. Estimated Project Cost:				5. Project Phasing:		
1. Construction (including fixed equipment and sitework)	1,592,500			1. Preliminary plans (including misc. costs)		
2. Architect or engineer fee	105,000			2. Final plans (including misc. and other costs)		
3. Moveable equipment	0			3. Construction (including misc. and other costs)		
4. Project contingency	52,500					
5. Miscellaneous costs						
<b>Total</b>		<b>\$ 1,750,000</b>		<b>Total \$ --</b>		
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018	875,000	875,000				1,750,000
Subsequent Years						--
<b>Total</b>	<b>875,000</b>	<b>875,000</b>	<b>\$ --</b>	<b>\$ --</b>	<b>\$ --</b>	<b>1,750,000</b>

10-46

## Project Request Explanation--DA 418B

1. Project Title: Asphalt Paving Repair Contingency Project		2. Project Priority:				
Agency: Adjutant General's Department		46				
3. Project Description and Justification:						
<p>Total Project Cost:                   \$    1,250,000</p> <p><b>State Share Requested:</b>           \$       625,000</p> <p>This project requests State funds to supplement matching Federal funds in order to maintain and repair current asphalt and concrete parking areas throughout all facilities in the state to extend their service life. LED lighting shall be installed in areas that do not meet security and/or UFC and building code standards.</p>						
4. Estimated Project Cost:		5. Project Phasing:				
1. Construction (including fixed equipment and sitework)	1,137,500	1. Preliminary plans (including misc. costs)				
2. Architect or engineer fee	75,000	2. Final plans (including misc. and other costs)				
3. Moveable equipment	0	3. Construction (including misc. and other costs)				
4. Project contingency	37,500					
5. Miscellaneous costs						
<b>Total</b>	<b>\$ 1,250,000</b>	<b>Total</b>	<b>\$ --</b>			
6. Amount by Source of Financing:						
Fiscal Years	1. SGF	2. Fed. Funds	3. ___ Fund	4.	5.	Total
Prior Years						--
FY 2013						--
FY 2014						--
FY 2015						--
FY 2016						--
FY 2017						--
FY 2018	625,000	625,000				1,250,000
Subsequent Years						--
<b>Total</b>	625,000	625,000	\$ --	\$ --	\$ --	1,250,000

(0-47)