

**AGENCY REQUEST FOR  
AE SELECTION  
JULY 2014**

**AGENCY:** Department of Military Affairs

**DMA CONTACT:** LTC Daniel Pulvermacher, 608-242-3365,  
daniel.pulvermacher@wisconsin.gov

**LOCATION:** Sussex, Waukesha

**PROJECT REQUEST:** DMA is requesting release of \$20,000 Building Trust Funds – Planning to prepare preliminary plans for the Sussex Armory Motor Vehicle Storage Compound (MVSC) Expansion project.

**PROJECT NUMBER:** 14F1E

**PROJECT DESCRIPTION:** Request is for the design portion of MVSC project. Project will address an approximate 1,200 square yard expansion of MVSC and fuel tanker spill containment. The scope of work will include, but not limited to, installation of 8 inches of compacted, crushed stone, relocation or installation of 380 linear feet of chain link fence, and lighting to illuminate new compound area. Project will also include installation of 375 square yards of reinforced concrete for parking of five fuel tankers along with the installation of an oil/water separator, with an alarm system, to contain fuel spills. A bio-infiltration basin will also be installed to provide additional containment, along with stormwater detention. Site grading and restoration will be required. Due to possibility of shallow bedrock, bio-infiltration may not be an option.

**PROJECT JUSTIFICATION:** The Sussex Armory MVSC is approximately 1,200 SY below the compound area authorized by National Guard Bureau. Due to this shortfall in compound space, military vehicles are parked outside of the vehicle compound on a regular basis. Five HEMTT M978 2,500 gallon fuel tankers are assigned to this armory. Currently, spill containment consists of parking the tankers on a plastic container that could be damaged. Each tanker is authorized to be parked on 75 SY of concrete pavement. This project would provide concrete pavement for each tanker, graded to a central area to allow any petroleum spill to be routed to an oil/water separator. Currently, there is no stormwater detention or sediment control for this facility. The installation of a bio-infiltration basin would provide some stormwater detention and sediment control. Proper design of the infiltration basin would also provide additional petroleum containment, as well as removal of petroleum products from surface water.

**BUDGET/SCHEDULE:**

	State	Federal	Total
Construction			
Design			
DFD Mgt			
Contingency			
<b>TOTAL</b>	<b>\$62,287</b>	<b>\$186,863</b>	<b>\$249,150</b>

A/E Selection	Aug 2014
Design Report	Aug 2015
SBC Approval	Sep 2015
Bid Opening	Feb 2016
Start Construction	Apr 2016
Substantial Completion	Jun 2016
Final Completion	Jul 2016