

**AGENCY REQUEST FOR  
AE SELECTION  
JULY 2015**

**AGENCY:** Department of Military Affairs

**DMA CONTACT:** COL Daniel Pulvermacher, 608-242-3365,  
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**LOCATION:** Hartford, Wisconsin

**PROJECT REQUEST:**

Request release of \$55,000 Building Trust Funds – Planning to prepare preliminary design documents and a design report for the HARTFORD Armory Mechanical/Electrical Upgrades and Minor Renovations project.

**PROJECT NUMBER:** 15G1F

**PROJECT DESCRIPTION:**

The project includes replacing the steam heating system with a hot water heating system, replace the ventilation/cooling units serving the office areas, and furnish and install new direct digital controls (DDC) for the above systems. Add New A/C system and upsize the electrical system capacity to 600 amp with a new underground electrical service. Minor remodeling shall revise floor plan and remodeling existing rooms to be functional, replace lighting, repair/install drop ceiling where necessary, and new ADA ramp and front entrance at existing kitchen. Project will also address the Motor Vehicle Storage Compound (MVSC) and will include removal of old surface and installation of compacted, crushed stone in the entire compound, repair of chain link fence, and provide sufficient lighting to illuminate compound area.

**PROJECT JUSTIFICATION:**

Existing equipment is 30+ years old, failing, inefficient, to operate and uneconomical to make major repairs. The piping and fittings are deteriorated throughout the building, the air pneumatic control system is manual and out of operation, and the fin tubes are cracking and failing. Most pipes in confined spaces cannot be reached for maintenance. The current window A/C units are inefficient and are beyond their usable life span. New A/C unit will improve efficiency, reduce associated electricity costs, increase comfort, provide required ventilation, and provide better control. The original electrical panels, to include the main distribution panel, are old, outdated and below required capacity for new HVAC equipment. The electrical system is from the original installation and does meet code. Revised floor plan will provide better space usage. Lighting is old, inefficient, and beyond useful life. Drop ceiling would allow for HVAC improvement.

Failing military compound does not sufficiently protect military vehicles and equipment stored at the location and is need of renovation.

**BUDGET/SCHEDULE:**

	<b>State</b>	<b>Federal</b>	<b>Total</b>
Construction	\$0	\$	\$
Design	\$0	\$	\$
DFD Mgt	\$0	\$	\$
Contingency	\$0	\$	\$
<b>TOTAL</b>	<b>\$0</b>	<b>\$2,152,000</b>	<b>\$2,152,000</b>

A/E Selection	JUL 2015
Design Report	DEC 2015
SBC Approval	FEB 2016
Bid Opening	JUL 2016
Start Construction	NOV 2016
Substantial Completion	JUL 2017
Final Completion	AUG 2017

**PREVIOUS ACTION:**

n/a