

**AGENCY REQUEST FOR
AE SELECTION
AUGUST 2014**

AGENCY: Department of Military Affairs

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

LOCATION: River Falls, Pierce

PROJECT NUMBER: 14G2B

PROJECT DESCRIPTION: Replace steam heating system with hot water system. This includes providing two hot water boilers, pumps, piping, steel valves, fittings, and the fin tube distribution system throughout the facility. Insulation of all new piping and any accessories required for the conversion are included. Replace existing split system units with new air conditioning systems as required. New system will include equipment and controls for air conditioning in designated office, classroom, and other areas authorized at the armory, as well as having DDC controls capable of being monitored and controlled remotely on the intranet. Old window A/C units will be removed and windows will be replaced as necessary with new four track horizontal rolling aluminum windows.

Provide a new 600 AMPS electrical service and replace all sub-panels and wirings to comply with electrical code.

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 The original electrical panels, to include the main distribution panel, are old, outdated and below required capacity for new HVAC equipment.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.

BUDGET/SCHEDULE:

	State	Federal	Total
Construction	\$	\$	\$
Design	\$	\$	\$
DFD Mgt	\$	\$	\$
Contingency	\$	\$	\$
TOTAL	\$437,500	\$437,500	\$875,000

A/E Selection	SEPT 2014
Design Report	DEC 2014
SBC Approval	JAN 2015
Bid Opening	JUNE 2015
Start Construction	JULY 2015
Substantial Completion	NOV 2015
Final Completion	DEC 2015

PREVIOUS ACTION:

N/A