

**AGENCY REQUEST FOR
AE SELECTION
AUGUST 2014**

AGENCY: Department of Military Affairs

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LOCATION: Wisconsin Rapids, Wood

PROJECT NUMBER: 14H2B

PROJECT DESCRIPTION: Remodel the armory to comply with mission requirements of the unit by providing classrooms, individual office and bathroom facility, remove existing kitchen and provide kitchenette. 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. Provide 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 entrance and replace all sub-panels and wirings to comply with electrical code. Provide new lighting in the armory.

PROJECT JUSTIFICATION: Existing facility does not meet the authorized requirement for the mission requiring renovation of the armory, the 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 units 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 The original electrical panels, to include the main distribution panel, are old, outdated and below required capacity for new HVAC equipment.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	\$1,425,000	\$1,425,000	\$2,850,000

A/E Selection	SEP 2014
Design Report	FEB 2014
SBC Approval	MAR 2015
Bid Opening	August 2015
Start Construction	October 2015
Substantial Completion	May 2016
Final Completion	June 2016

PREVIOUS ACTION:

N/A