

**AGENCY REQUEST FOR
AE SELECTION
SEPTEMBER 2014**

AGENCY: Department of Military Affairs

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

LOCATION: Rhinelander, Oneida

PROJECT NUMBER: 14I1Y

PROJECT DESCRIPTION: Replace steam heating system with hot water system. This includes providing hot water boiler(s), 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.

Upgrade bathrooms and shower facilities by replacing fixtures, wall and floor finishes, and make ADA compliant.

Provide kitchenette amenities, including sink, counter, cupboards and electrical outlets, in an existing area.

PROJECT JUSTIFICATION:

This is part of a statewide CFMO initiative to replace all old steam systems with hot water systems to not only improve energy efficiency, but also overall system performance and reliability. New A/C units will improve efficiency, reduce associated electricity costs, increase comfort, provide required ventilation, and provide better control. Latrine rehab is necessary at same time because new boiler piping, terminal units, and fans will affect design and needs to be considered in HVAC make up air planning. Project will bring kitchenette into compliance with fire regulations and sanitary regulations. Completing at same time will save long term costs. Existing boiler

and distribution system is deteriorated requiring replacement. Existing electrical service is old/original requiring replacement with a 600 AMP service.

BUDGET/SCHEDULE:

	State	Federal	Total
Construction			
Design			
DFD Mgt			
Contingency			
TOTAL			\$1,244,000

A/E Selection	OCT 2014
Design Report	FEB 2015
SBC Approval	MAR 2015
Bid Opening	AUG 2015
Start Construction	OCT 2015
Substantial Completion	MAY 2016
Final Completion	JUNE 2016

PREVIOUS ACTION:

None.