

**AGENCY REQUEST FOR
AE SELECTION
APRIL 2016**

AGENCY: Department of Military Affairs

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DFD CONTACT: Kelly Frawley, 608-264-9514, kelly.frawley@wisconsin.gov

LOCATION: Superior, Douglas

PROJECT REQUEST: Request release of \$33,000 Building Trust Funds Planning to prepare preliminary design documents (35%) and a design report for the SUPERIOR armory replace boiler and upgrade electrical project.

PROJECT NUMBER: 15J1X

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. Modify existing air handling units to accommodate hot water, revise as necessary to supports offices air condition. 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. Replace existing toilet fixtures and showers with high efficiency fixtures, modify as required to meet code requirement. Remove existing kitchen and provide a kitchenette. Replace sub-panels and wirings to comply with electrical code as required.

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 The original electrical panels are old and outdated.

BUDGET/SCHEDULE:

	State	Federal	Total
Construction	\$	\$	\$
Design		\$	\$
DFD Mgt		\$	\$
Contingency		\$	\$
TOTAL	\$560,500	\$560,500	\$1,121,000

A/E Selection	MAR 2016
Design Report	AUG 2016
SBC Approval	SEP 2016
Bid Opening	JAN 2017
Start Construction	MAR 2017
Substantial Completion	AUG 2017
Final Completion	SEP 2017

PREVIOUS ACTION:

N/A