AGENCY REQUEST FOR
AE SELECTION
APRIL 2016

AGENCY: Department of Military Affairs

DMA CONTACT: COL Daniel Pulvermacher, 608-242-3365, daniel.pulvermacher@wisconsin.gov
DFD CONTACT: Kelly Frawley, 608-264-9514, kelly.frawley@wisconsin.gov

LOCATION: Ashland, Ashland

PROJECT REQUEST: Request release of $36,000 Building Trust Funds Planning to prepare preliminary design documents (35%) and a design report for the ASHLAND armory replace boiler and upgrade electrical project.

PROJECT NUMBER: 15J1Y

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. New system will include air handling equipment and controls for heating and 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 wall mounted split A/C units will be removed. Replace existing toilet fixtures with high efficiency fixtures, modify as required to meet code requirement. Consolidate locker room into a single locker room, remove kitchen and provide a kitchenette. Consolidate existing vaults to a single vault meeting regulations. 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 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 The original electrical panels, to include the main distribution panel, are old, outdated and below required capacity for new HVAC equipment.

BUDGET/SCHEDULE:

	State	Federal	Total
Construction	$	$	$
Design		$	$
DFD Mgt		$	$
Contingency		$	$
TOTAL	**678,500**	**$678,500**	**$1,357,000**

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