

**AGENCY REQUEST FOR  
BUILDING COMMISSION ACTION  
October 2015**

**AGENCY:**

Department of Administration

**DOA CONTACT:** Mary Deering, (608) 261-2293, [mary.deering@wisconsin.gov](mailto:mary.deering@wisconsin.gov)

**DFD CONTACT:** R.J. Binau, (608) 267-6927, [rj.binau@wisconsin.gov](mailto:rj.binau@wisconsin.gov)

**LOCATION:**

Hill Farms Building "E"  
4622 University Avenue  
Madison, WI 53702

**PROJECT REQUEST:**

This project provides pre-design and design services for the replacement and/or modification of the HVAC system for Building "E" of the Hill Farms State Office Building.

**PROJECT NUMBER: 15C2E**

**PROJECT DESCRIPTION**

This project provides investigation and analysis of existing HVAC equipment and history of system performance issues. It is anticipated that the project will remove the degraded HVAC equipment and replace/modify the existing DX-cooling system, piping, ductwork and electrical systems with a chilled/hot water variable air volume (VAV) indoor air handling unit (AHU), return fan, VAV boxes with hot water reheat, exhaust fans, ductwork and direct digital controls (DDC). The updated HVAC system will integrate with the Building "L" Chiller Plant and also be connected to the existing Hill Farms DEL Facility Building Management System (BMS). Work will be done during the winter months to ensure completion before the spring and summer months.

**JUSTIFICATION OF THE REQUEST**

The project installs the necessary equipment that will meet the cooling, heating and ventilation requirements for tenant offices and state records storage space in Hill Farms Building "E". The original 54-year old air AHU, VAV boxes and associated controls are inefficient, beyond useful life expectancy, and unable to meet the building's HVAC needs. The new equipment will provide consistent service, improve energy efficiencies, lower maintenance costs and enables Building "E" space to be fully integrated with the Hill Farms "DEL" Facility's chilled water piping system.

**PROJECT SCHEDULE & BUDGET**

<b>Project Schedule</b>	<b>Date</b>
SBC Approval	Oct 2015
A/E Selection	May 2016
Bid Opening	Jan 2017
Start Construction	Sept 2017
Substantial Completion	Jan 2018
Final Completion	Feb 2018

**Total Project Budget:** \$312,000

**PREVIOUS BUILDING COMMISSION ACTION:** Oct 2015