**Illinois State**

**University**

**Board of**

**Trustees**

**Resolution No. 2015.10/31**

**Old Union Mechanical Replacement Project**

**Resolution**

Whereas, Old Union is a facility operated and maintained by Illinois State University, and much of the mechanical system is either original to the building or has not been upgraded since 1995, and

Whereas, Old Union houses the School of Information Technology, Web and Information Communications, and WGLT public radio station and each of these units require reliable heating and cooling systems, and

Whereas, the University has engaged an engineering firm to provide an assessment of needed mechanical system improvements to Old Union and a solution to address these needs, and

Whereas, a project has been developed to resolve the most critical identified needs:

Therefore, be it resolved that the Board of Trustees of Illinois State University authorizes a capital project for mechanical system enhancements to Old Union that include mechanical equipment, electrical service and modest related architectural improvements, and

Therefore, be it further resolved that the Board of Trustees authorizes expenditures not to exceed $860,000 for this initial phase of mechanical system improvements.

Board Action on: Postpone:

 Motion by: Amend:

 Second by: Disapprove:

 Vote: Yeas: Nays: Approve:

 ATTEST: Board Action, October 23, 2015

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**Board of Trustees**

**Illinois State University**

**Supplemental Information for Old Union Mechanical Replacement Project**

This item requests Board of Trustees approval to replace mechanical equipment and improve the circulation of conditioned air in select locations in Old Union.

**Background.** Old Union last underwent a significant renovation in 1995 when student radio station WZND and the Student Accounts Office were relocated to other facilities which allowed for the relocation of the School of Information Technology (ITK) to these vacated spaces. Subsequently, ITK has further expanded into the former ballroom area and space that previously housed the Web and Interactive Communications unit. Given the current utilization of these spaces and the age and obsolescence of existing mechanical equipment, some approaching sixty years, the current HVAC system does not provide reliable environmental control.

The University engaged an engineering firm, KJWW, to provide an assessment of the existing Old Union mechanical systems and a plan for improvement from which a project to address the most critical identified needs has been developed.

**Project Description.**  This project provides for the installation of new heat exchanger equipment, new air handling units, replacement of the existing hot water plant in the building, replacement of an obsolete fire protection system and related electrical components. In addition, a perimeter heating system will be installed to improve the consistency of system delivery and occupant comfort. This work will also require demolition of ceilings to install new duct work and lighting along with abatement of asbestos-containing materials

**Resource Requirements:**

HVAC Construction $525,000

Architectural Construction for rooms 217 and 218 205,000

A/E Fees 65,000

Contingency     65,000

Total Project Cost $860,000

Source of Funding: General Revenue Operating