

**RESOLUTION  
ROCK COUNTY BOARD OF SUPERVISORS**

The General Services Committee  
INITIATED BY



Robert Leu  
DRAFTED BY

The General Services Committee  
SUBMITTED BY

March 23, 2015  
DATE DRAFTED

**Retaining Engineering Firm to Prepare Plans and Specifications to Replace Five Air-Handlers at UW-Rock County**

- 1 **WHEREAS**, the three air-handlers that serve the lower level of Williams Hall, and the two air-handlers
- 2 that serve first and second floors in Andrew's Hall, are 50 years old and original to the buildings; and,
- 3
- 4 **WHEREAS**, maintaining reasonable comfort levels in the areas served by these five air-handlers is no
- 5 longer possible; and,
- 6
- 7 **WHEREAS**, the units do not provide the number of fresh air-exchanges required by today's codes; and,
- 8
- 9 **WHEREAS**, these units have exceeded their useful life, and need to be replaced.
- 10
- 11 **NOW, THEREFORE, BE IT RESOLVED** by the Rock County Board of Supervisors duly assembled
- 12 this 9 day of April, 2015, that a contract to prepare plans and
- 13 specifications to replace five air-handlers and related equipment on the UW-Rock Campus, be awarded to
- 14 KJWW Engineering of Madison, WI, in the amount of \$63,750.00; and,
- 15
- 16 **BE IT FURTHER RESOLVED** that a design contingency be established in the amount of \$5,000.00 to
- 17 cover contract specified reimbursable expenses, plus additional services authorized by the General
- 18 Services Committee; and,
- 19
- 20 **BE IT FURTHER RESOLVED** that payments be made to the Firm upon approval of the General
- 21 Services Committee.

15-4A-252

Respectfully submitted,

General Services Committee:

Henry Brill  
Henry Brill, Chair

Jason Heidenreich  
Jason Heidenreich, Vice Chair

Thomas J. Brien  
Thomas J. Brien

Edwin Nash  
Edwin Nash

Jeremy Zajac  
Jeremy Zajac

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FISCAL NOTE:

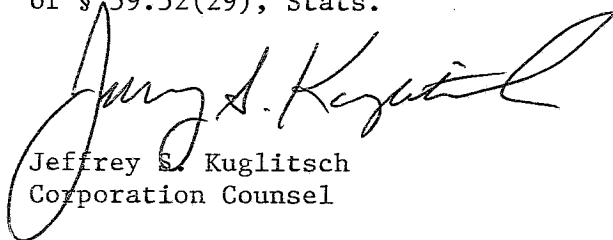
Sufficient funds are available in the UW-Rock Capital Improvement account, A/C 18-1843-0000-67200, for the cost of this project. This project is being funded by Sales Tax revenue.



Sherry Oja  
Finance Director

LEGAL NOTE:

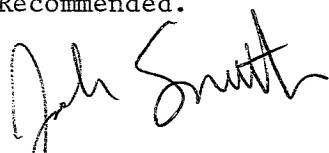
The County Board is authorized to take this action pursuant to secs. 59.01 and 59.51, Wis. Stats. Professional services are not subject to bidding requirements of § 59.52(29), Stats.



Jeffrey S. Kuglitsch  
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.



Josh Smith  
County Administrator

## **Executive Summary**

### **Retaining Engineering Firm to Prepare Plans and Specifications for Air-Handler Replacement at UW-Rock County**

As stated in the resolution there are five Air-Handlers on Campus which are 50 years old, and must be replaced. Air-handling units (AHU) regulate and circulate air, as part of a heating, ventilating, and air-conditioning system (HVAC). Heated, cooled, fresh, recycled, and filtered air, is blown through ductwork in the areas they serve. Additional devices and dampers control the air flow and temperatures.

Prior to bidding, extensive engineering design services are needed. Some of the services and deliverables required are listed below.

- On-site review of existing mechanical and electrical systems, and layouts.
- Create CAD drawings of affected areas.
- Calculate heating and cooling needs for all areas.
- Design to meet the 2009 International Mechanical, and Energy Conservation, Codes.
- Determine equipment specifications, size ductwork, dampers, valves and accessories.
- Prepare detailed drawings and installation requirements.
- Prepare plumbing, drainage, and electrical drawings, plus specifications.
- Review product submittals, respond to questions during construction, and inspect the work in progress.