

May 22-23, 2019

**ITEM 183-1008-R0509**

**Request for Authorization of Social Sciences Datacenter Project – University of Montana-Missoula**

---

**THAT**

Consistent with Board of Regents Policy 1003.7, the University of Montana-Missoula requests authorization from the Montana the Board of Regents of Higher Education to implement steps necessary to construct a new datacenter on the first floor in Social Sciences and decommission old datacenter in Social Sciences 002.

---

**EXPLANATION**

UM is seeking to eliminate our biggest and most inefficient datacenter by relocating the SS002 data center to a more appropriate and efficient space on the first floor in the Social Sciences building. The Social Sciences 002 data center is referred to as the “Core” and is critical to the operation of IT systems (networking, Internet access, e-mail, Banner, etc.) both on the campus and to its remote locations. In addition, this room serves as the “connector” for Miles City Community College, Dawson Community College, UM-Western, Helena College, Montana Tech, and Highlands College. This datacenter uses approximately 8.5 million gallons of water per year, which equates to \$43,755 in wasted utilities expenditures (\$23,268 for water and \$20,487 for sewer annually). This is a critical datacenter that has extreme operational risks. A catastrophic failure in SS002 could result in campus-wide outages for weeks given the space’s current condition.

This authority request is for an amount greater than \$150,000, which requires the following additional information:

(a) Project Description:

The work performed under this authority contains the purchase and installation of self-contained data center product and construction in support of that system. The construction will consist of several walls, doors, flooring, extension of fiber optics, electrical circuits and sub-panel, and the placement of HVAC equipment.

(b) Cost estimate and Funding Sources:

Data Center equipment, self-contained	\$300,000.00
General space construction	90,000.00
Electrical construction	50,000.00
Fiber optic relocation	40,000.00
HVAC Construction	35,000.00
Move in costs	25,000.00
Contingency (15%)	81,000.00

<b>PROJECT TOTAL</b>	<b>\$621,000.00</b>
----------------------	---------------------

This project will be financed as follows:

Student Building Fees	\$199,000.00
Property Insurance FY19	\$156,000.00
Property Insurance FY20	\$125,000.00
KFRELF Sustainability	\$75,000.00
Facilities Services Special Projects	\$66,000.00

<b>TOTAL</b>	<b>\$621,000.00</b>
--------------	---------------------

(c) Programs served, enrollment data, projected enrollments:

N/A

(d) Space Utilization Data:

N/A

(e) Projected use for available residual space:

N/A

(f) Projected O&M Costs and proposed funding sources:

N/A (No new space created)

---

## ATTACHMENTS

No Attachments