

**ITEM 147-2004-R0510**

**Authorize Energy Audit for Auxiliaries Facilities; Montana State University**

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**THAT**

Consistent with the provisions of MCA 20-25-302, the Board of Regents of the Montana University System authorizes MSU to perform an energy audit for Auxiliaries Facilities at MSU. The estimated cost for this project is \$550,000.

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**EXPLANATION**

1. The Auxiliaries facilities to be audited are distributed throughout the Bozeman campus.
2. Many of the facilities have original, outdated mechanical/electrical systems. Opportunity exists to recover significant energy savings by conducting an energy audit and making subsequent building system modifications.
3. After completion of the energy audit, the scope of a subsequent energy conservation project will be defined. MSU will then seek Board of Regents approval to enter into an energy performance contract as authorized by MCA Title 90 Chapter 4 Part 11.
4. This project will be financed with non-state funds from Auxiliary Operations Revenue (Renewal and Replacement Budget) in excess of debt service obligations.

**Board of Regents Policy: Physical Plant B Section 1003.7**

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

**(a) Project Description:**

This project provides the technical energy audit required to develop the scope of the energy performance contract.

**(b) Cost Estimate and Funding Sources:**

Estimated Cost		
Design/Construction Admin	\$	550,000
Construction	\$	-0-
Contingency	\$	-0-
Total Estimate	\$	550,000

Funding Source: This project will be financed with maintenance funds from Auxiliary Operations Revenue (Renewal and Replacement Budget) in excess of debt service obligations.

**(c) Program served, enrollment data, projected enrollment:**

The Auxiliaries Services program provides housing, food services, sports facilities, other non-academic resources and facilities and accommodates events such as sports, music and other performances for students, staff, faculty and the public.

(Enrollment data is not applicable to this authority request).

(d) Space Utilization Data:

Residence facilities occupancy rates are consistently above 90%. Other Auxiliaries Facilities are heavily utilized. Annual utilization factors will not be impacted by this major maintenance project.

(e) Projected use for available residual space:

(Not applicable to this project)

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

Historic O&M costs are expected to decrease due to this project.

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**ATTACHMENTS**