

**ITEM 151-2702-R0411**

**Authorization to Repair Alterowitz Gymnasium; Montana State University Billings**

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**THAT**

Consistent with the provisions of MCA 20-25-302, the Board of Regents of Higher Education authorizes Montana State University Billings to make repairs within the Alterowitz gymnasium. This request authorizes \$185,000 of the PE Building Fee as the 40% non-State contribution to the project.

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**EXPLANATION**

1. Last year, ACE Engineering performed an energy audit of the gymnasium. Their computer modeled replacement of the existing 1,000 watt metal halide lights with energy efficient 400 watt T-5 High Output florescent fixtures. A 50% reduction in energy consumption is anticipated.
  2. The existing bleachers are structurally unsound and are in dire need of replacement. Over the years, additional reinforcing elements have been added. Although they are motorized such that a single operator can deploy and retract the bleachers, it currently requires 3 additional personnel to assist to avoid over stressing the support structure.
  3. This project will be financed with a 60/40 combination of State/non-State funds. As the gymnasium supports both academic as well as athletic endeavors, a 60/40 split was established to support general maintenance and repair projects. The State funds will come from our operating budget and the non-state funds from our PE Building Fee.
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**ATTACHMENTS**

Additional justification.

**ITEM 151-2702-R0411 (continued)**

**Authorization to Repair Alterowitz Gymnasium; Montana State University Billings  
Board of Regents Policy: Physical Plant – Section 1003.7**

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

- (a) **Project description** - The work performed under this authority replaces the existing 1,000 watt metal halide lights with energy efficient 400 watt T-5 High Output florescent fixtures and the existing bleachers which are structurally unsound.
- (b) **Cost Estimate and Funding Sources** – The estimated costs are: Construction -\$450,000; A&E Fees - \$10,000; and Contingency - \$5,000; for a total of \$465,000. Historically, this facility is funded with a 60/40 combination of State/non-State funds. The PE Building Fee will fund the 40% non-State which amounts to the \$185,000 request and the remaining \$280,000 will be State funded as repairs within our General Operating Budget. When completed, this project is eligible for energy rebates from Northwestern Energy.
- (c) **Programs Served, Enrollment Data, Projected Enrollments** – The repairs will not impact programs nor enrollments.
- (d) **Projected use for available residual space** – Not applicable.
- (f) **Projected O&M Costs and proposed funding sources** – Our computer model projects a 3.5 year payback for the lighting and a 50% reduction in energy consumption. All other O&M costs and funding sources would remain the same.