



MONTANA UNIVERSITY SYSTEM

Montana University System LRBP Requests

Montana Technological University Heating/Steam Distribution System Upgrade

Eighty percent of the Montana Tech campus receives heat and hot water from a network of steam tunnels and buried pipes that range from 80 to 100 years old.

The leaking and corroded network is at the end of its useful life, requiring frequent repairs and leaving the heat delivery system in danger of catastrophic failure.

With the needed repairs and upgrades, the system will remain efficient and cost-effective means of meeting the campus' heating needs for the long term. The heating plant's boilers are in excellent condition and have excess capacity.

- **Total Request:** \$6 million
- Funds would repair the 80-to 100-year-old network of tunnels and buried lines providing heat and hot water to 80 percent of the Montana Tech campus. The steam heat delivery system is in danger of catastrophic failure.
- The 6 to-12-month project would commence immediately upon receipt of funding

W.A. Franke College of Forestry and Conservation

Timber mills, lumber yards and value-added workshops drive the economy in many communities across our state.

A new Forestry, Conservation and Lab Science Complex at UM will be more than just a building, it will be largely constructed of Cross-Laminated Timber (CLT) grown, harvested and manufactured in Montana, serving as a showcase for the world about the future of wood-based, mass-timber construction.

This facility will provide Montana's wood-products industry with the structure it needs to **expand production and create new business opportunities for our mill workers, manufacturers, engineers, builders and transporters**, revitalizing Montana's proud timber heritage.

- **Total Request:** \$25 million in legislative funding; Authority to raise \$20 million.
- The College has outgrown its nearly 100-year-old building and must utilize space in seven other campus buildings to maintain regular classroom instruction.
- UM has secured significant private funding, as well as in-kind lumber donations from many of Montana's mills. Construction would begin immediately upon receipt of funding.

Montana Agriculture Experiment Station

The Montana Agricultural Experiment Station (MAES) and its research centers have worked for over 127 years to help increase the profitability of Montana agriculture.

Funding will update, expand and enhance lab facilities to enable research that will **keep Montana's agriculture industry competitive in today's market:**

- Enhanced DNA analysis of crops
- Expanded chemical and microbiological research
- Safer handling of hazardous materials
- Doubling the capacity of the Montana Wool Lab

Total request

\$11 million in legislative funding; Authority to raise \$1.3 million

- WARC horticultural lab/office:
 - \$1.2 million funding
 - Authority to raise: \$300,000
- Chemistry and instrumentation labs at five of MAES' research centers: \$4.8 million
- Wool Lab:
 - \$5 million
 - Authority to raise: \$1 million