Department: 5102 COMMISSIONER OF HIGHER ED
Version: 2011-5102-B-50

EXHIBIT 5
DATE Feb 18, 09
HB 467

Project Title: MAES: Ag Research & Teaching Facility, MSU-BZN

Brief Description of Project:
Construct self-contained large animal feeding & metabolism facility at the Bozeman Agriculture Research & Teaching Farm.

Statewide Priority:
Agency Priority: 4
Est. Completion Date: 01/01/2011

Cap. Proj. Bien: 2011
Cap. Proj. Request No: 1690
Version: 2011-5102-B-50

Agency No: 5102 **Agency Name:** COMMISSIONER OF HIGHER ED
Program No: 01 **Program Name:** ADMINISTRATION PROGRAM

● Approved
○ Disapproved

THIS PROJECT:
- [x] Is an Original Facility
- [ ] Improves an Existing Facility
- [ ] Replaces an Existing Facility

Major Maintenance Class:
- [ ] Class I
- [ ] Class II
- [ ] Class III

LOCATION:
- [x] Site on Owned Property
- [ ] Site to be Selected
- [x] Site Already Selected
- [x] Outside of 100 Year Flood Plain
- [x] Utilities Already Available
- [x] Access Already Available

ESTIMATED COST OF PROJECT:

1. Land Acquisition:	$0	9. Contingency:	$0
2. Site Investigation:	$0	10. A&E Supervisory Fee:	$0
3. Consultant Services:	$600,000	11. Construction Mgmt:	$0
4. Construction Costs:	$4,360,000	12. Commissioning:	$0
5. Site Development:	$30,000	13. Construction Testing:	$0
6. Utilities:	$10,000	14. Percent for the Arts:	$0
7. Telecomm. Systems:	$0	15. Other:	$0
8. Furnishings & Equipment	$0	**Total Estimated Cost:**	**$5,000,000**

PROJECT FUNDING:

Fund	Amount	Cash/ Bonded	Bill Number
05007	$5,000,000	C	HB 0005
Total Funding:	**$5,000,000**		

DESCRIPTION OF FACILITY:

General Description:

Construction of self-contained large animal feeding and metabolism facility will replace an outdoor winter feedlot and cattle feeding operations whose exterior wall system, roof, insulation, lighting, and mechanical components are functionally obsolete.

Impact on Existing Facilities:

None

Functional Space Requirements:

Facility is expected to consist of approximately 20,000 sq ft of space.

EXPLANATION OF PROBLEM BEING ADDRESSED:

The new building will have energy efficient window glazing, lighting, insulation, and mechanical equipment that will reduce energy waste and improve management of its overall energy load.

ALTERNATIVES CONSIDERED:

1. Complete new construction as proposed
2. Defer replacement.
3. Reduce large animal operations and programs.

Rationale for Selection of Particular Alternative:

Design and construct as proposed because deferring to future or reducing the program is unsatisfactory.

GENERAL NARRATIVE:

The new facility may include, but not be limited to, the following types of spaces:
-live animal demonstration room with storage (3,000 sf)
-large animal surgical/metabolism facility (4,000 sf)
-32- head cattle housing and handling (3,6000 sf)
-32-head sheep housing and handling (800 sf)
-Classroom (1,000 sf)
-general laboratory and support room (1,600 sf)
-support spaces: office, laundry, locker rooms, shop, feed prep and storage, general storage (2000 sf).
-non-assignable (mechanical/electrical, restrooms, corridors, etc. (4,000 sf)
-Infrastructure - extend city sewer/water

Biennium: 2011 **Version Type:** B **Version Seq. No:** 50

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Cap. Proj. Biennium 2011
Statewide Priority:
Agency Priority: 4
Est. Completion Date: 01/01/2011

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Agency No. 5102 **Agency Name:** COMMISSIONER OF HIGHER ED
Program No. 01 **Program Name:** ADMINISTRATION PROGRAM

Biennium: 2011

FTE	Personal Services	Operating Costs	Maintenance Expenses	Total Costs
1.49	$39,500	$43,300	$41,300	**$124,100**

Fund Type	Amount	Percent
01 GENERAL FUND	$124,100	100.00%

Biennium: 2013

FTE	Personal Services	Operating Costs	Maintenance Expenses	Total Costs
1.49	$168,800	$183,600	$175,400	**$527,800**

Fund Type	Amount	Percent
01 GENERAL FUND	$527,800	100.00%

Biennium: 2015

FTE	Personal Services	Operating Costs	Maintenance Expenses	Total Costs
1.49	$184,000	$198,800	$189,800	**$572,600**

Fund Type	Amount	Percent
01 GENERAL FUND	$572,600	100.00%