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

EXHIBIT 7
DATE Feb 18, 09
HB 467

Project Title: Auto Tech Center, MSU-Northern (Havre)
Brief Description of Project:
Renovated and expanded Auto Tech Center.

Statewide Priority:
Agency Priority: 7
Est. Completion Date: 01/30/2011

Cap. Proj. Bien: 2011
Cap. Proj. Request No: 1692
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:
- ☐ Is an Original Facility
- ☑ Improves an Existing Facility
- ☑ Replaces an Existing Facility

Major Maintenance Class:
☐ Class I ☐ Class II ☑ Class III

LOCATION:
- ☑ Site on Owned Property
- ☐ Site to be Selected
- ☑ Site Already Selected
- ☑ Outside of 100 Year Flood Plain
- ☑ Utilities Already Available
- ☑ 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:	$570,000	11. Construction Mgmt:	$0
4. Construction Costs:	$3,720,000	12. Commissioning:	$0
5. Site Development:	$60,000	13. Construction Testing:	$0
6. Utilities:	$100,000	14. Percent for the Arts:	$0
7. Telecomm. Systems:	$0	15. Other:	$0
8. Furnishings & Equipment	$300,000	**Total Estimated Cost:**	**$4,750,000**

PROJECT FUNDING:

Fund	Amount	Cash/ Bonded	Bill Number
05007	$4,750,000	C	HB 0005
Total Funding:	**$4,750,000**		

DESCRIPTION OF FACILITY:
General Description:

The facilities used for Automotive Technology represent one of the largest remaining concentrations of serious deferred maintenance in academic buildings on the MSU-Northern campus. The Automotive Technology Building was built in 1952, with the Davey Pioneer Lab added in 1978. The project consists of renovation and new construction as well as redesign of the related exterior campus infrastructure.

Impact on Existing Facilities:

Impact on entire facility during construction. Significant improvement to entire facility at completion.

Functional Space Requirements:

Will require offline status during construction.

EXPLANATION OF PROBLEM BEING ADDRESSED:

Last significant improvement to 30 years ago to a now 56-year old automotive center.

ALTERNATIVES CONSIDERED:

1. Complete new and renovated construction as proposed.
2. Continue to defer energy efficient replacements with renovation.

Rationale for Selection of Particular Alternative:

Total project must be completed as proposed in order to address environmental and space deficiencies impactinc delivery of current programs and to follow through with $800,000 planning/design appropriation from the 2007 legislature.

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GENERAL NARRATIVE:

The existing Auto Tech comples (including Davey Lab portion) is about 22,240 gsf. Project estimate includes:
1. The Davey portion (about 1/3 of the area or ~7,240gsf) requires "moderate" renovation (mostly mechanical and systems work with minor space/configuration changes) for ~$125/gsf.
2. Demolish and replace the south shed area, ~2,500gsf at ~$280/gsf.
3. The balance of the old portion, ~12,500 gsf, would require "heavy" renovation (possibly some replacement), including replacement of mechanical systems, new electrical, etc, plus some significant space/reconfiguration, for ~$195/gsf.
4. Project/design contingency of ~10%.
5. Two downdraft paint booths and a clean room - (researched cost for a 24'Lx16'Wx11'H downdraft booth at ~$50k purchase price each); additional electrical, mechanical, natural gas, and installation ~$50k each equaling ~$100k each x 2 booths.
a. Davey Area $905,000
b. Replace South Shed Area, $700,000
c. Heavy Renov Area, $2,437,500
d. ~10% Planning Contingency, $405,000
e. Paint Booths & Clean Room, $300,00
$4,747,500

Long-Ran uilding Program
Statewide Project Costs Upon Completion

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

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Biennium: 2011

FTE	Personal Services	Operating Costs	Maintenance Expenses	Total Costs
0.05	$896	$0	$6,720	**$7,616**

Fund Type	Amount	Percent
01 GENERAL FUND	$7,616	100.00%

Biennium: 2013

FTE	Personal Services	Operating Costs	Maintenance Expenses	Total Costs
0.05	$3,584	$0	$28,224	**$31,808**

Fund Type	Amount	Percent
01 GENERAL FUND	$31,808	100.00%

Biennium: 2015

FTE	Personal Services	Operating Costs	Maintenance Expenses	Total Costs
0.05	$3,584	$0	$30,688	**$34,272**

Fund Type	Amount	Percent
01 GENERAL FUND	$34,272	100.00%