

(\$ in thousands)

Project Title	Priority Ranking	Funding Source	Project Requests for State Funds		
			2018	2020	2022
Higher Education Asset Preservation and Replacement	1	GO	\$ 130,000	\$ 0	\$ 0
Bemidji State University - Academic Learning Center (Hagg Sauer Replacement) Design, Demolition, Renovation, and Construction	2	GO	\$ 22,512	\$ 0	\$ 0
Rochester Community and Technical College - Memorial and Plaza Halls Demolition, Design, Demolition, Renovation, and Construction	3	GO	\$ 22,853	\$ 0	\$ 0
Minnesota State University, Mankato - Clinical Sciences Phase 2, Renovation	4	GO	\$ 6,478	\$ 0	\$ 0
Anoka-Ramsey Community College - Nursing and Business, Design	5	GO	\$ 569	\$ 12,161	\$ 0
Century College - Applied Technology Center, East Campus, Design and Renovation	6	GO	\$ 6,362	\$ 0	\$ 0
Normandale Community College - Classroom and Student Services, Design and Renovation	7	GO	\$ 12,636	\$ 20,263	\$ 0
Minnesota State University Moorhead - Weld Hall, Design	8	GO	\$ 628	\$ 15,074	\$ 0
Inver Hills Community College - Technology and Business Center, Design	9	GO	\$ 698	\$ 12,793	\$ 0
Riverland Community College - Transportation, Trade and Industrial Education Center, Design, Construction, and Renovation	10	GO	\$ 10,122	\$ 0	\$ 0
Baccalaureate Expansion, Design and Renovation	11	GO	\$ 4,270	\$ 0	\$ 0
Fond du Lac Tribal and Community College - Maajiigi (Start to Grow), Design and Renovation	12	GO	\$ 1,157	\$ 0	\$ 0
Saint Paul College - Academic Excellence, Design	13	GO	\$ 995	\$ 14,108	\$ 0
Northland Community and Technical College - Effective Teaching and	14	GO	\$ 2,425	\$ 0	\$ 0

Learning Labs, Design and Renovation					
Vermilion Community College - Classroom Building, Design and Renovation	15	GO	\$ 2,349	\$ 0	\$ 0
Central Lakes College - Student Services and Academic Support, Design	16	GO	\$ 455	\$ 9,814	\$ 0
<b>Total Project Requests</b>			\$ 224,509	\$ 84,213	\$ 0
<b>General Obligation Bonds (GO) Total</b>			\$ 224,509	\$ 84,213	\$ 0

**Higher Education Asset Preservation and Replacement****AT A GLANCE****2018 Request Amount:** \$130,000**Priority Ranking:** 1**Project Summary:** Minnesota State Colleges and Universities is seeking \$130 million in Higher Education Asset Preservation and Replacement (HEAPR) funding for repair and replacement of building systems at its 54 campus locations.**Project Description**

Minnesota State is seeking \$130 million in Higher Education Asset Preservation and Replacement (HEAPR) funding for repair and replacement of its major building systems. The 2018 HEAPR request consists of approximately 54% for exterior updates (roofs, walls and other exterior components), 26% for HVAC and 20% for life, health and safety features and code compliance.

Minnesota State forecasts \$745 million is needed today to catch up to bring building systems out of backlog status for our academic buildings. This represents a Facilities Condition Index of 0.10 -- i.e., 10% of building systems are in backlog status.

The system regularly invests between \$32-\$35 million a year in regular repair and maintenance, and spends another \$32-\$36 million for energy costs. HEAPR and capital projects are the primary financial means used to update building systems and reduce overall operating and maintenance costs.

**Project Rationale**

- HEAPR funding ensures that campus operating dollars are used to improve educational outcomes, not repairing buildings
- HEAPR projects keep students safe, warm and dry
- HEAPR reduces total cost of ownership costs for the system
- HEAPR reduces the system's long term deferred maintenance outlook (currently forecast at \$1.64 billion in the next 10 years)
- HEAPR meets the state and the system objective of creating sustainable buildings

**Project Timeline****Other Considerations**

Minnesota State is an active participant in the Department of Commerce Guaranteed Energy Savings Program (GESP). The Minnesota State Board of Trustees recently authorized up to \$14 million worth of GESP projects at two campus locations. Minnesota State has another 3-5 additional campuses that are evaluating their campuses for participation in GESP.

**Impact on Agency Operating Budgets****Description of Previous Appropriations**

\$110 million was requested in 2016/2017; \$25 million was received in 2017 Capital Bonding Bill.

**Project Contact Person**

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(\$ in thousands)

## Higher Education Asset Preservation and Replacement

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 130,000	\$ 0	\$ 0
<b>Funds Already Committed</b>				
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 130,000</b>	<b>\$ 0</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 0	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 0	\$ 0	\$ 0
Project Management	\$ 0	\$ 0	\$ 0	\$ 0
Construction	\$ 0	\$ 130,000	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 130,000</b>	<b>\$ 0</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 130,000	100 %
User Financing	\$ 0	0 %

**STATUTORY REQUIREMENTS**

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	Yes
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	N/A
Has the predesign been submitted to the Department of Administration?	N/A
Has the predesign been approved by the Department of Administration?	N/A
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

(\$ in thousands)

**Bemidji State University - Academic Learning Center (Hagg Sauer Replacement) Design, Demolition, Renovation, and Construction****AT A GLANCE****2018 Request Amount:** \$22,512**Priority Ranking:** 2

**Project Summary:** This project replaces the existing Hagg-Sauer Hall with a new, smaller classroom building (the Academic Learning Center). Underutilized space in four other buildings (Bangsberg, Bensen and Sattgast Halls, as well as Clark Library) will be renovated. Design funding for this project was provided in the 2014 bonding bill, which brought the project to the 50% Construction Documents stage. This phase of the project includes funding to complete the design.

**Project Description**

This project will have an impact across the entire Bemidji State University campus and student population. Nearly all BSU students spend time in Hagg-Sauer Hall to complete their first two years of general course requirements. This project will replace Hagg-Sauer with a new, appropriately-sized Academic Learning Center. In addition, the planned renovation within Clark Library includes revisions to significantly improve access to updated library services, while relocating selected student support services to the main reference level; this will provide an enhanced library experience for students and faculty alike.

Beyond general education classes and learning support services, the project will have an impact on several academic departments, some of which will be relocated from to-be-demolished Hagg-Sauer. Updated facilities for programs such as Geography, Computer Science, and Psychology will give students greater access to current technologies and provide the right type of space to work with community partners. Psychology, one of the more popular majors at BSU, is currently constrained by research labs that were built in the 1960s and 1970s. These types of research labs are outdated and the facilities are not flexible enough to accommodate new research technologies. The Education, History, Criminal Justice, English, Music, Math, and Political Science programs will all benefit from renovated classroom, lab, and faculty office space.

This project considerably improves the learning environment at BSU, affecting nearly every student. The number of classrooms on campus will decrease by one-third, yet the flexibility of the available rooms will provide the university more quality options than it currently has. Demolishing Hagg-Sauer and remodeling several other buildings will result in significant improvements to campus space utilization as well as reductions in energy consumption and operating costs.

As environmental stewardship is an important objective on the BSU campus, an integrated design process mandated by MSBG-B3 and SB 2030 was implemented to ensure that the new ALC building and site attain high performance goals in terms of water use, energy efficiency, indoor environmental quality, and materials and waste streams. Our energy model predicts this building will perform at least 32% better than that required by the energy code. The building will aim to achieve LEED Silver certification.

## **Project Rationale**

This request will achieve multiple goals in the University's strategic, academic, and facilities plans. A majority of BSU's students will be directly impacted by the improvements that will be made in their learning environments and by creating "front doors" for several departments and disciplines. The project will reduce campus square footage by 55,000 GSF, decrease the deferred maintenance backlog by \$9 million, and improve campus classroom utilization. Hagg-Sauer Hall, the current main classroom building on campus, has not been renovated in over forty years and has one of the highest FCI values on campus. The learning environment is compromised due to poor light levels and limited daylight, limited student gathering spaces, and inflexible classrooms.

## **Project Timeline**

11/2016: Predesign complete

08/2018: Construction Documents complete

09/2018: Bid/contract for construction

10/2018-10/2019: Phase 1 construction (phased remodelings)

Summer 2019: Hagg-Sauer demolition, prep utilities and site

Summer 2019-Summer 2020: Phase 2 construction (Academic Learning Center)

## **Other Considerations**

The project fills the need to modernize outdated classrooms and teaching environments so they can meet the standards of academic excellence in the 21st Century and meet the expectations of prospective students. Student enrollment has remained consistent, though if facilities aren't updated to modern standards, it will become increasingly challenging to maintain enrollment levels. Further, delaying the project will necessitate significant expenditures to address the deferred maintenance backlog in Hagg-Sauer in particular. This building has significant deficiencies with the mechanical systems and water seepage through the foundation due to the elevation of the water table, as well as deficiencies in teaching/learning environments and student access to faculty.

## **Impact on Agency Operating Budgets**

By reducing campus square footage, this project decreases operating costs. The new square footage to be constructed will be smaller and more energy efficient than the square footage it replaces. Additionally, the remodeled spaces resulting from this project will reduce operating costs through more energy efficient building systems.

## **Description of Previous Appropriations**

\$1 million for design provided in the 2014 bonding bill.

## **Project Contact Person**

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Vice President of Finance and Administration

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(\$ in thousands)

**Bemidji State University - Academic Learning Center (Hagg Sauer Replacement) Design, Demolition, Renovation, and Construction****PROJECT FUNDING SOURCES**

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 1,000	\$ 22,512	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 75	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 1,075</b>	<b>\$ 22,512</b>	<b>\$ 0</b>	<b>\$ 0</b>

**TOTAL PROJECT COSTS**

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 75	\$ 0	\$ 0	\$ 0
Design Fees	\$ 750	\$ 1,026	\$ 0	\$ 0
Project Management	\$ 250	\$ 857	\$ 0	\$ 0
Construction	\$ 0	\$ 17,466	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 115	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 1,311	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 1,737	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 1,075</b>	<b>\$ 22,512</b>	<b>\$ 0</b>	<b>\$ 0</b>

**IMPACT ON STATE OPERATING COSTS**

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

**SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS**

	Amount	Percent of Total
General Fund	\$ 15,083	67 %
User Financing	\$ 7,429	33 %

**STATUTORY REQUIREMENTS**

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

(\$ in thousands)

**Rochester Community and Technical College - Memorial and Plaza Halls Demolition, Design, Demolition, Renovation, and Construction****AT A GLANCE****2018 Request Amount:** \$22,853**Priority Ranking:** 3**Project Summary:** This project removes 42,920 sq. ft. of severely outdated classroom/office space, a child care facility, and maintenance shed; constructs an academic building expansion of 21,780 sq. ft.; constructs a new 2,250 sq. ft. Central Chiller Plant; and renovates 20,120 sq. ft. Design funding for this project was provided in the 2014 bonding bill.**Project Description**

This project substantially reworks the Rochester Community and Technical College (RCTC) campus to accommodate collaborative/interactive learning, reduce facility backlog by \$5.2 million (\$7.6 million over 5 years), and rid the campus of obsolete space. The project creates and improves direct engagement between students and faculty, creating appropriately-sized and equipped classrooms supporting flexible scheduling. The project tackles key deferred maintenance issues plaguing the College, improves indoor air quality and energy efficiency, and reduces campus size by more than 18,000 sq. ft. by demolishing Plaza and Memorial Halls. This demolition will improve the campus facilities condition index from 0.07 to 0.02 and increases academic space utilization from 48% to 74%.

**Project Rationale**

This project leverages the Practical Nursing and Health Unit Coordinator programs by improving the College's holistic approach to serving the community. Our access to education is evident as the largest higher education provider in the fastest-growing city in Minnesota whereby serving more than 7,500 students a year in credit courses and 4,000 in non-credit continuing and workforce education programs. This project continues to provide flexible classroom formats necessary for all levels of education. The flexible spaces, different size/shapes of classrooms, and movable furniture are necessary for the 21st Century learner. The entirety of this project reinforces the College's commitment to deliver to students, employers, communities and taxpayers the highest value/most affordable option.

As the partner of choice, RCTC collaborates with Mayo Clinic as its number one provider of trained workers. In 2012-13, the job placement rate for students in the Practical Nursing and Health Unit Coordinator Programs was 93% and 84%, respectively. An innovative partnership program between RCTC and Rochester Public Schools built a Career and Technical Education Center at Heintz (CTECH) for high school students to meet community needs. The College also houses the region's workforce center.

More than 80 percent of RCTC graduates find employment related to their field within one year of graduating. The College's 95 articulation agreements with two and four-year institutions ensure that credits earned here will be accepted at transfer institutions. The College enjoys generational equity with approximately 62% of area residents indicating that they or a member of their immediate family have attended RCTC at some time. The Memorial and Plaza Halls Demolition, Design and

Renovation project will enhance this past success by providing a more efficient and comfortable learning environment while reducing overall costs, eliminating multiple life safety issues, improving space utilization, and eliminating excessive deferred maintenance costs.

### **Project Timeline**

Spring 2016: Construction Documents complete

11/2016: Predesign complete

07/2018: Begin Construction Document verification; bid/contract for construction

Fall 2018: Begin construction and phased renovations

Summer 2019: New construction substantial completion

Summer 2019: Demolish Memorial and Plaza Halls

Summer/fall 2019: Complete site work and Commons courtyard

Fall 2019: Project occupancy

### **Other Considerations**

The College took multiple steps to maximize the proposed space utilization within this project, including multiple steering committee meetings, interviews with affected academic programs, and review of existing statistical information including space utilization, office inventory, and facilities condition indices. Four different alternatives were considered. Exhaustive analysis of this information, the College's Comprehensive Facilities Plan, the original project predesign, and the Minnesota State Demolition Predesign led to the conclusion that a combination of renovation and new construction was the most cost-effective approach to meeting the needs and goals of this project.

The consequences of delayed funding mean the backlog of deferred maintenance will increase significantly. The HVAC and electrical systems in Plaza and Memorial Halls are beyond their average life-cycle and could fail at any time. Air quality and occupant comfort is poor throughout the buildings because of antiquated and poorly controlled HVAC systems that cause a high number of complaints and additional service costs. There are issues with the chiller plant backlog that would be exacerbated. The College would be unable to convert the buildings from all-electric heating and cooling to a centralized system that would allow for more efficient energy usage and reduce overall utility costs. Neither Memorial Hall nor Plaza Hall contain a fire sprinkler suppression system, and the fire alarm system would remain outdated. Existing classrooms fail to support the current pedagogical interactive learning styles necessitated by today's higher education environment. The College would be unable to eliminate underutilized classroom space. Restrooms would not meet ADA requirements.

### **Impact on Agency Operating Budgets**

This project will reduce operating costs through a reduction in campus square footage. The new addition will be much more energy efficient than the old square footage it replaces.

### **Description of Previous Appropriations**

\$1 million for design was provided in the 2014 bonding bill.

### **Project Contact Person**

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Vice President of Finance and Facilities

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(\$ in thousands)

**Rochester Community and Technical College - Memorial and Plaza Halls Demolition,  
Design, Demolition, Renovation, and Construction**
**PROJECT FUNDING SOURCES**

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 1,000	\$ 22,853	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 73	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 1,073</b>	<b>\$ 22,853</b>	<b>\$ 0</b>	<b>\$ 0</b>

**TOTAL PROJECT COSTS**

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 73	\$ 0	\$ 0	\$ 0
Design Fees	\$ 869	\$ 413	\$ 0	\$ 0
Project Management	\$ 131	\$ 886	\$ 0	\$ 0
Construction	\$ 0	\$ 18,374	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 124	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 1,593	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 1,463	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 1,073</b>	<b>\$ 22,853</b>	<b>\$ 0</b>	<b>\$ 0</b>

**IMPACT ON STATE OPERATING COSTS**

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

**SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS**

	Amount	Percent of Total
General Fund	\$ 15,312	67 %
User Financing	\$ 7,541	33 %

**STATUTORY REQUIREMENTS**

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

## Minnesota State University, Mankato - Clinical Sciences Phase 2, Renovation

**AT A GLANCE****2018 Request Amount:** \$6,478**Priority Ranking:** 4**Project Summary:** This project renovates and renews 20,621 sq. ft. over three different buildings to repurpose space recently vacated by programs moving into the new Clinical Sciences building funded in the 2014 bonding bill. This project also replaces a worn out roof at Wissink Hall and completes a 2% renewable energy initiative for solar photovoltaic panels at the new Clinical Sciences Building.**Project Description**

This project is Phase 2 of a two-phase project for a new Clinical Sciences Building supporting health services programs in the College of Allied Health and Nursing. The new Clinical Sciences Building opened January 2017. Departments and functions that moved into the new building vacated spaces such as clinics and treatment rooms that currently do not serve any useful purpose unless renovated. Over 1,200 students are enrolled in the programs impacted by this project; the addition of flexible instruction classroom space and a collaborative technology lab at Morris Hall provides additional benefit to all students.

Phase 2 will renovate and repurpose space vacated in three separate buildings. This project renovates 4,639 square feet in Morris Hall that formerly housed the Dental Hygiene program. The project includes asbestos abatement and complete renovation of the space to support several campus programs. The design includes two rightsized seminar/collaborative style classrooms, assessment lab, and office space to house the Intensive English Language Institute.

Spaces within Wiecking Center that house the Family Consumer Science program will be renovated and renewed. This renovation work focuses on resizing the classrooms and updating the 33-year-old food science lab. The food science lab will be updated to dramatically enhance the ability to demonstrate and record culinary techniques.

In Wissink Hall, the 3rd floor area currently housing the Nursing program will be renovated. The Nursing simulation and multi-skills training labs have been moved into the new building, allowing these spaces to be repurposed to collaborative classrooms.

This project includes new ADA-compliant restrooms in the renovated areas, as well as updates to HVAC and fire safety systems.

**Project Rationale**

Much of the space to be remodeled by this project is unassignable unless it is remodeled, due to its previous specialized use as dental and nursing labs. Replacement of a worn out roof at Wissink Hall will eliminate costly annual repairs. This project completes the solar panel installation at the new Clinical Science Building. This achieves the 2% renewable energy goal for the new building, which is already set up to accommodate the new panels.

**Project Timeline**

09/2016: Predesign complete

12/2016: Phase 2 Construction documents complete

08/2018: Constr. manager @ risk contract and GMP approval; begin bidding

10/2018: CM@R sub-contract award

04/2019-10/2019: Construction (renovation)

10/2019: Project occupancy

**Other Considerations**

Some areas to be remodeled, such as the old dental clinic, are not usable for any function now that their former programs have relocated to the new building. The continued use of old HVAC equipment in these spaces will result in continued energy inefficiencies. The EPDM rubber roof at Wissink Hall is old and failing, with continuing damage and repair costs.

**Impact on Agency Operating Budgets**

The yearly operating savings resulting from this project will be \$1,000 for electrical and HVAC, \$2,690 in energy savings from the new Wissink roof insulation, and \$2,250 energy savings from the new solar photovoltaic system.

**Description of Previous Appropriations**

\$2 million for design in 2012; \$26 million for Phase 1 construction in 2014.

**Project Contact Person**

Paul Corcoran

Director of Planning and Construction

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(\$ in thousands)

## Minnesota State University, Mankato - Clinical Sciences Phase 2, Renovation

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 27,883	\$ 6,478	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 1,125	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 29,008</b>	<b>\$ 6,478</b>	<b>\$ 0</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 125	\$ 0	\$ 0	\$ 0
Design Fees	\$ 1,929	\$ 217	\$ 0	\$ 0
Project Management	\$ 925	\$ 312	\$ 0	\$ 0
Construction	\$ 23,977	\$ 4,715	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 100	\$ 46	\$ 0	\$ 0
Occupancy Costs	\$ 1,952	\$ 709	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 479	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 29,008</b>	<b>\$ 6,478</b>	<b>\$ 0</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 4,341	67 %
User Financing	\$ 2,137	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

## Anoka-Ramsey Community College - Nursing and Business, Design

**AT A GLANCE****2018 Request Amount:** \$569**Priority Ranking:** 5

**Project Summary:** This project seeks funding to complete schematic design and design development pertaining to the modernization and expansion of nursing classrooms and labs, as well as general classroom renovation, within the 34,505 sq. ft. Business/Nursing (BN) Building on the Coon Rapids campus.

**Project Description**

This project would design the renovation of existing general classrooms, existing facilities supporting the Business Department, and most significantly, the Nursing Program. The Nursing Program has the ability to expand its enrollments if the facilities are updated to meet current and future needs. In addition to programmatic needs, there are multiple other aspects of the building that need to be addressed in this renovation. Many of the mechanical, electrical, and plumbing systems have reached the end of their life cycles and need to be replaced. The building must be updated to comply with the Americans with Disabilities Act, including classroom access and bathroom renovations. More than \$4.9 million of deferred maintenance in the existing building will be addressed by this project.

## Project Priorities:

- Accommodate an expanding Nursing Program with the updated facilities that meet the needs of current pedagogy.
- Create flexible classroom and learning environments to meet current needs with the ability to adjust to future requirements.
- Update the east entry to provide a welcoming access point for students.
- Provide phased options to minimize disruption to students, staff, and faculty.

**Project Rationale**

The methods through which Nursing students learn has changed significantly since the BN Building was built. The existing building contains spaces that are not ideal for students and faculty, and are inflexible in their current condition.

The BN Building is closely tied with the overall goals of the Comprehensive Facilities Plan for the college--in particular, the campus vision to create flexible program space, create a better arrival sequence from the east and improve access and circulation, and enhance active learning and collegial spaces for students and faculty.

**Project Timeline**

11/2016: Predesign complete

07-08/2018: Designer selection

09-10/2018: Schematic Design and Design Development

12/2018: Prepare documentation for submittal of request for construction funding in 2020.

07/-08/2020: Construction Documents  
08/2020: Bidding  
09/2020-08/2021: Construction  
08/2021: Substantial completion

### **Other Considerations**

For the past decade, the Nursing program has been actively seeking to modernize and expand its classrooms and labs. In order to provide the pedagogical experiences our students deserve, it is imperative to provide environments for simulation, hands-on labs, and contemporary classroom learning spaces. Not doing so will adversely impact enrollments and not be responsive to the state's workforce request for more qualified nurses.

### **Impact on Agency Operating Budgets**

As the total square footage of the building will remain at the status quo, the general costs to operate will only experience a nominal change. Modernization of the building systems will lead to operating expense savings.

### **Description of Previous Appropriations**

None.

### **Project Contact Person**

Donald Lewis  
Vice President of Finance and Administration  
763-433-1116  
donald.lewis@anokaramsey.edu

(\$ in thousands)

## Anoka-Ramsey Community College - Nursing and Business, Design

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 569	\$ 12,161	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 71	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 71</b>	<b>\$ 569</b>	<b>\$ 12,161</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 71	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 504	\$ 220	\$ 0
Project Management	\$ 0	\$ 65	\$ 373	\$ 0
Construction	\$ 0	\$ 0	\$ 8,856	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 80	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 765	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 1,867	\$ 0
<b>TOTAL</b>	<b>\$ 71</b>	<b>\$ 569</b>	<b>\$ 12,161</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 381	67 %
User Financing	\$ 188	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

**Century College - Applied Technology Center, East Campus, Design and Renovation****AT A GLANCE****2018 Request Amount:** \$6,362**Priority Ranking:** 6

**Project Summary:** This project creates a multi-disciplinary Applied Technology Center, renovating 10,600 sq. ft. and constructing a 4,000 sq. ft. floor extension within the existing building footprint. The project adds an adjacent learning commons and flex labs to support continuing education and customized training. The nearby welding laboratory will also be upgraded to more closely meet the needs of the applied technology/mechatronics program areas.

**Project Description**

This project affects the Additive and Digital Manufacturing, Computer Science, Engineering, Engineering CAD Technology, and Intermediate School District 916 programs. The Fab Lab annex and the Welding lab on the first floor will be renovated to allow for growth in enrollment and scope (allowing for advanced welding, including robotic welding). These labs will be connected via stair to the new Learning Commons on the second floor. The second floor will house ECAD and an engineering classroom. An Additive Digital Manufacturing Lab will be incorporated with the recently updated Fab Lab. Creating a mezzanine on the second floor will add much needed space. Student support spaces, including a University Partnership Center and an expanded Science Resource Center, will be created adjacent to labs and classrooms. Faculty offices and informal huddle areas are also incorporated in the second floor space.

**Project Rationale**

This project is designed to provide the needed space to address critical workforce needs, especially advances in applied technology. Engineering has seen a steady increase in enrollment, despite a decline in overall College enrollment. This project will allow students to receive education in the most current technology and techniques. The Engineering spaces renovated by this project will promote and increase retention, completion, and transfer, as a large portion of the college's Engineering program transfers to baccalaureate programs.

The current Science Resource Center is woefully undersized, allowing only 12 students to receive tutoring at a time. Data shows that student success significantly increases when tutors are linked to classes. Creation of a Learning Commons offers student access to collaborative group learning opportunities. Classrooms, faculty offices, tutoring and student study space will be organized to increase faculty and student interaction.

**Project Timeline**

11/2016: Predesign complete

07/2018: Begin design

10/2019: Bidding

12/2019-01/2021: Phased construction

01/2021: Project occupancy

### **Other Considerations**

Without the new space, Century College will be acutely hindered in its ability to address high demand STEM (Science, Technology, Engineering, and Math) programs and address critical workforce needs. Improved facilities are required to deliver the education and training demanded by local businesses in the manufacturing and other STEM-related fields. The current space is not adequate to meet these needs.

### **Impact on Agency Operating Budgets**

The increase in operating costs resulting from this project is expected to be slightly less than \$20,000. Based on the additional internal square footage, the college would add no more than 0.20 FTE housekeeping staff, projected to cost \$10,500 per year. Utilities are projected to increase no more than \$8,850 due to the new square footage. With the increased efficiency of the new HVAC systems, the utilities increase may not be as high as projected.

### **Description of Previous Appropriations**

None.

### **Project Contact Person**

Pat Opatz  
Vice President of Finance and Administration  
651-779-3279  
patrick.opatz@century.edu

(\$ in thousands)

## Century College - Applied Technology Center, East Campus, Design and Renovation

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 6,362	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 33	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 33</b>	<b>\$ 6,362</b>	<b>\$ 0</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 33	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 482	\$ 0	\$ 0
Project Management	\$ 0	\$ 394	\$ 0	\$ 0
Construction	\$ 0	\$ 4,019	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 724	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 743	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 33</b>	<b>\$ 6,362</b>	<b>\$ 0</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 4,263	67 %
User Financing	\$ 2,099	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

## Normandale Community College - Classroom and Student Services, Design and Renovation

### AT A GLANCE

**2018 Request Amount:** \$12,636

**Priority Ranking:** 7

**Project Summary:** This Phase 1 project designs Phases 1 and 2 and completes the first phase of construction that will renovate 5 classrooms, reorganize student support services, and construct site improvements to address ADA compliance and storm water management. The renovation will serve all students and improve classrooms for 35 departments that use the building. More than \$10.2 million in deferred maintenance will be eliminated.

### Project Description

This project addresses facility needs for general classrooms and academic support functions at the college. Statistics prepared by Normandale's Office of Research and Planning show that classroom spaces are used by 35 different departments. Those with a strong presence in the facility include:

- Math - 28% of classes
- English Composition - 15% of classes
- Communications - 14% of classes
- Biology - 6% of classes
- Economics - 5% of classes
- Computer Science - 5% of classes

In addition, 36% of the unduplicated headcount (seats), not including seats from online courses, are housed in College Services and these spaces are among the college's most outdated in terms of technology, finishes, and furnishings or in providing up-to-date and flexible active learning environments.

The program for this student services renovation focuses on updating and reconfiguring student support functions to provide a new model of service delivery. Similar to the Apple Store, Student Services would be co-located into a central "hub" utilizing cross-trained staff as "concierges" to greet students, answer front-line questions and direct students to specialized services or departments. Currently the offices students visit frequently are crowded, are not centrally located, are difficult to find, and have varying office hours.

### Project Rationale

The College Services Building was constructed in three major phases -- in 1967, 1990 and 1996 -- and serves as the main entry to the Normandale Community College campus. The facility requires updating to reflect current instructional techniques, student interaction and technology. The enrollment at Normandale increased 55% over the last 13 years (since the completion of the last major project in the building) and nearly all of the 9,514 students have taken a class in this building.

This project will also meet the recommendations to increase access, affordability, excellence and

service by:

- Creating a more welcoming classroom and support environment, improving the visibility and wayfinding for potential students to Admissions and for returning students to the Hub and all student service departments
- Developing a collaborative model for student support services that support Normandale students and our partners, Metropolitan State University and Minnesota State University, Mankato
- Improving overall efficiencies and allowing staff to focus on specialized academic support services
- Creating technology-driven active learning environments and adding twenty new student group work/study spaces to increase collaboration opportunities and utilizing new tools for student support services
- Enhancing partnerships with the community and businesses with multipurpose study rooms that will support on-campus interviews for businesses and space for the local workforce center
- Developing cross-functional skills of employees and investing in an important facility asset at Normandale Community College that provides over 30% of the academic space on campus and support services to every enrolled student.

### **Project Timeline**

11/2016: Predesign complete

07-08/2018: Designer selection; Construction Manager selection

08/2018-05/2019: Design of Phases 1 and 2

03-06/2019: Bidding -- multiple bid packages

05/2019-07/2020: Phase 1 construction

08/2020: Project occupancy (Phase 1)

### **Other Considerations**

If this project is not funded, students will continue to experience a building that is crowded and unwelcoming. Service offices will continue to be segmented and difficult to navigate. Faculty will find difficulty in utilizing state of the art teaching techniques. The building will continue to be energy inefficient and those using the building will continue to be uncomfortable due to hot and cold spots. The roof, already beyond its life expectancy, will continue to age and present problems with water intrusion and potential mold. If smaller projects are undertaken to remediate any of these problems, the overall cost will be increased.

### **Impact on Agency Operating Budgets**

This project is expected to decrease the college's operating costs due to several factors:

- The utility costs of the campus will remain level or be slightly reduced when older, inefficient mechanical and electrical equipment is replaced.
- Energy costs will be saved by replacing over 33% of the building's roof.
- The campus will see only a 0.1% increase in square footage through the addition of a vestibule; no additional custodial/maintenance staff will be hired.
- Deferred maintenance items will be replaced and/or retrofitted.
- Operation and maintenance costs are estimated to decrease \$0.50-\$1.00 per square foot.

### **Description of Previous Appropriations**

None.

**Project Contact Person**

Lisa Wheeler

Vice President of Finance and Operations

952-358-8286

[lisa.wheeler@normandale.edu](mailto:lisa.wheeler@normandale.edu)

(\$ in thousands)

## Normandale Community College - Classroom and Student Services, Design and Renovation

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 12,636	\$ 20,263	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 91	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 91</b>	<b>\$ 12,636</b>	<b>\$ 20,263</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 91	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 1,126	\$ 762	\$ 0
Project Management	\$ 0	\$ 775	\$ 1,397	\$ 0
Construction	\$ 0	\$ 8,118	\$ 13,216	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 64	\$ 123	\$ 0
Occupancy Costs	\$ 0	\$ 1,331	\$ 2,805	\$ 0
Inflationary Adjustment	\$ 0	\$ 1,222	\$ 1,960	\$ 0
<b>TOTAL</b>	<b>\$ 91</b>	<b>\$ 12,636</b>	<b>\$ 20,263</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 699	\$ 1,273	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 8,466	67 %
User Financing	\$ 4,170	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

## Minnesota State University Moorhead - Weld Hall, Design

**AT A GLANCE****2018 Request Amount:** \$628**Priority Ranking:** 8

**Project Summary:** This Phase 1 project designs the Weld Hall renovation to address significant deferred maintenance, improve pedagogy, and rightsize classrooms. The project increases the number of multifunctional classrooms and reduces the number of offices. Classroom sizes will be realigned to better serve a variety of class sizes and pedagogical approaches. Weld Hall serves over 3,000 students in English, Music, Film, Theatre, Construction and Operations Management.

**Project Description**

This project preserves the oldest and most distinguished building on campus and brings it into the 21st century by addressing current code requirements, providing energy efficient building systems, and creating state-of-the-art teaching environments. The renovation fosters faculty-student engagement and promotes interactive workshop-style classes. The auditorium will be renovated into a multi-purpose auditorium/music performance venue for use as teaching lab, lecture hall, venue for campus film and music performances, and a space for community/workforce training events.

The project also:

- reduces the amount of office space
- adjusts the campus's mix of classroom sizes and types to increase space utilization
- introduces an immersive telepresence classroom to enhance online courses, remote instruction and promote partnering with Minnesota State institutions and community or workforce partners
- provides flexible technology-enriched learning studios to modernize curriculum delivery and provide for activity based learning and collaboration
- builds a new accessible entry addition to create a public face adjacent to the street and convenient access for workforce training and community events.

**Project Rationale**

The Weld Hall renovation will accomplish the goals of addressing deferred maintenance, improving pedagogy, producing skilled workers, and rightsizing the university's classroom usage. This historic building needs attention throughout to halt its deterioration, improve function, address serious life safety issues and improve accessibility to correct ADA deficiencies.

Weld Hall is home to the 340-student English department; five other departments teach in the building as well. The renovation will create flexible collaborative teaching spaces where students in film, music industry, and publishing prepare for their careers. The project will add seating to the auditorium and improve acoustics and technology, allowing for a greater range of uses.

Exterior work includes tuck-pointing and replacing windows. Interior work includes new fire sprinklers,

addressing other fire code requirements, new HVAC equipment and distribution, renewed plumbing, new electrical, new finishes and technology upgrades.

### **Project Timeline**

11/2016: Predesign complete

07-08/2018: Designer selection

09/2018-12/2019: Design

12/2018: Prepare documentation for 2020 Capital Budget Request (Phase 2)

07/2020: Phase 2 appropriation

08/2020-11/2021: Construction documents verification; Bidding; Phase 2 construction

Spring 2022: Project occupancy

### **Other Considerations**

A delay in funding for this project will cause deferred maintenance to grow significantly and limit the university in providing an extraordinary education with the highest value/most affordable option.

### **Impact on Agency Operating Budgets**

The existing Weld Hall operating costs will be reduced due to efficiencies in the upgraded mechanical systems, new double-glazed windows & doors, and a more efficient automatic lighting control system and lighting fixtures resulting from this project.

### **Description of Previous Appropriations**

None.

### **Project Contact Person**

Jeff Goebel  
Physical Plant Manager  
218-477-2069  
goebelj@mnstate.edu

(\$ in thousands)

## Minnesota State University Moorhead - Weld Hall, Design

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 628	\$ 15,074	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 62	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 62</b>	<b>\$ 628</b>	<b>\$ 15,074</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 62	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 628	\$ 254	\$ 0
Project Management	\$ 0	\$ 0	\$ 1,001	\$ 0
Construction	\$ 0	\$ 0	\$ 10,533	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 94	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 1,029	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 2,163	\$ 0
<b>TOTAL</b>	<b>\$ 62</b>	<b>\$ 628</b>	<b>\$ 15,074</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 421	67 %
User Financing	\$ 207	33 %

**STATUTORY REQUIREMENTS**

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

**Inver Hills Community College - Technology and Business Center, Design****AT A GLANCE****2018 Request Amount:** \$698**Priority Ranking:** 9**Project Summary:** This project designs the 31,800 sq. ft. renovation of the Business Building and construction of a new 2,000 sq. ft. connection to Heritage Hall. The project expands the learning space into unused building volume, improves access, and updates classroom configurations.**Project Description**

The strategic planning for the Technology and Business Center includes the complete renovation of the 26,000 sq. ft. sub-standard Business Building, the infilling of 6,600 sq. ft. within the existing volume of the building, and the addition of a 2,000 sq. ft. two-level connection to Heritage Hall. This project supports the college's goal to expand programs that directly support current workforce needs in business, STEM, paralegal, accounting, and computer network technology.

The Technology and Business Center renovation will provide 15 flexibly sized and technologically advanced classrooms for Technology, Business, and Paralegal programs. Technology programs in the Technology and Business Center will be connected to the Science and Math components of STEM in Heritage Hall by a small addition between the two buildings. The addition will not only physically connect the two buildings but will also house a STEM resource and advising center and a casual computing lab. The resulting collaborative work and learning environment will greatly enhance the college's ability to prepare students for employment in high-demand STEM fields in Minnesota.

**Project Rationale**

This project is part of a concerted Inver Hills Community College effort to focus on workforce needs, existing partnerships and STEM education. These programs serve 2,800 students. This project aligns academic pathways between the community college and four-year baccalaureate programs in Business and Accounting by providing flexible, technology-rich, rightsized classrooms. It also brings together existing Heritage Hall STEM programs with Computer Networking technology programs. The project expands opportunities across disciplines for degree or certification in the Paralegal, STEM, Business and Accounting fields. The paralegal program is the only partial online/hybrid approved paralegal program in Minnesota; classrooms that are technology rich and accessible are essential for continued accreditation.

This project ensures adequate and appropriate space for critical workforce ready skills, knowledge, and abilities, including mock interviewing, job shadowing, focus groups, and mentorships. Underserved students, students of color, high school students, and adult learners will benefit from enhanced access to these services and programs.

**Project Timeline**

11/2016: Predesign complete

07/2018: Designer selection

09/2018: CM@R Selection  
08/2018-04/2019: Design  
12/2018: Prepare documentation for 2020 Capital Budget Request  
07/2020: Appropriation for Phase 2 construction  
08/2020-07/2021: Phase 2 construction  
08/2021: Project occupancy

### **Other Considerations**

The consequences of delayed funding include inadequate space for new and existing STEM programs; limited upper division baccalaureate programs; curtailed core Liberal Arts offerings; delayed correction of health, safety, & access concerns; and unmet workforce training needs.

Demolition of the existing Business Building and new replacement construction was evaluated and compared to renovation. For a similar cost to completely new construction, the renovation can greatly improve the existing building and provide 6,600 additional square feet within the existing volume. It is also significantly wasteful to remove the existing building in order to replace it with a new building of comparable size. Renovation will fix many of the building's detrimental flaws while capturing previously unavailable space within the building for academic opportunities in a sustainable way.

### **Impact on Agency Operating Budgets**

Overall operating costs will decrease as a result of this project because new efficient mechanical systems will be installed in the renovated building. The renovation infills square footage within otherwise empty building volume, resulting in a lower ratio of cubic volume to square foot assignable space.

### **Description of Previous Appropriations**

None

### **Project Contact Person**

Paul DeMuth  
Director of Operations  
651-450-3536  
paul.demuth@dctc.edu

(\$ in thousands)

## Inver Hills Community College - Technology and Business Center, Design

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 698	\$ 12,793	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 62	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 62</b>	<b>\$ 698</b>	<b>\$ 12,793</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 62	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 588	\$ 257	\$ 0
Project Management	\$ 0	\$ 110	\$ 306	\$ 0
Construction	\$ 0	\$ 0	\$ 9,501	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 84	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 853	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 1,792	\$ 0
<b>TOTAL</b>	<b>\$ 62</b>	<b>\$ 698</b>	<b>\$ 12,793</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 468	67 %
User Financing	\$ 230	33 %

**STATUTORY REQUIREMENTS**

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

(\$ in thousands)

**Riverland Community College - Transportation, Trade and Industrial Education Center, Design, Construction, and Renovation****AT A GLANCE****2018 Request Amount:** \$10,122**Priority Ranking:** 10

**Project Summary:** This project renovates 39,173 sq. ft., adds 8,734 sq. ft. of shop space, and demolishes 7,488 sq. ft. to relocate the Truck Driving and Collision Repair programs from Austin to Albert Lea, integrating them into shared spaces with Auto Service and Diesel Technology programs. Additional demolition will remove the obsolete Gateway Building. Over \$1.8 million in deferred maintenance will be eliminated.

**Project Description**

The 40-year-old Albert Lea campus of Riverland Community College sits at the intersection of I-90 and I-35. This renovation leverages the college's prime location by aligning programs to create a modern trade and industrial education hub to meet current workforce demands.

The Riverland Community College facilities at Albert Lea need to be updated to supply and train the workforce required by industry partners in the region. This project creates synergy by moving and consolidating related Transportation programs from the Austin campus to Albert Lea, then demolishing the unused Gateway detached building.

This project modernizes existing square footage and constructs new space at the Albert Lea campus to leverage program efficiencies and options for students through realignment of programs and courses and the creation of flexible learning spaces. The renewed facilities will enable realignment to establish a new shared core curriculum across programs. Capacity to create additional new and relevant program options will increase, resulting in better service to students seeking industry knowledge and skills demanded by employers in the transportation, trade and industrial education career fields.

This project will address the college's need for additional space in transportation, trade and industry programs by:

- Improving existing space at the Albert Lea Campus.
- Building an addition, including a two-level infill, to existing inadequate space.
- Demolishing Gateway Building, which is currently unusable space.
- Moving collision repair & truck driving programs from Austin to Albert Lea.
- Providing technology and space flexibility to enhance teaching and learning.

**Project Rationale**

The current facility in Albert Lea has not been significantly updated in nearly four decades. There is a large maintenance backlog, equipment and shops do not meet modern needs, and having related programs on separate campuses is inefficient. Industry partners are concerned about students

training on equipment in shops decades out of date. One-third of the Albert Lea campus facilities will be affected by this project and provided with renovations to improve space utilization. Renovated, contemporary facilities and enhanced state-of-the-art teaching methodology and technology will enable the college to increase enrollment and maximize its academic space utilization. By reusing the valuable assets already available at this campus, with minimal additions and infill, the renovation improves the physical campus while expanding academic programs with flexibility well into the future.

This project potentially impacts more than 450 students by providing opportunities to schedule multiple sections of courses to meet growing demand.

The increased capacity to deliver education and training reflective of industry needs will also increase Riverland Community College's ability to develop new programs with "stackable" credentials to meet industry's emerging needs. Employees are seeking cross-functional skills and knowledge across disciplines, such as diesel repair and truck driving, and transportation enterprises often house engine repair and collision repair within one business complex. This project's updated learning environments will aid students in obtaining those skills.

This project responds to the unique functional needs of the students and their potential hiring industry partners. This project provides a strong identity for the combined transportation programs, robust trades, and expanded industrial education programs with a new offering in robotics through regional industry sponsors.

### **Project Timeline**

11/2016: Predesign complete  
07/2018: Designer selection  
08/2018-08/2019: Design  
09/2019: Bidding  
10/2019-09/2020: Construction  
10/2020: Project occupancy

### **Other Considerations**

If this project is not funded, student growth in these programs cannot occur and cross-pollination between programs will remain unrealized. Further delaying targeted funding would prolong workforce shortages and increase operating and maintenance costs of the existing buildings.

If this renovation is completed, all Riverland students will benefit from clear wayfinding and the safety of directly exiting out of the currently confusing and convoluted arrangement of rooms in the lower level of the C building. Academic programs will benefit from three classroom spaces shared with the shops in spaces currently unusable due to water migration through the wall and floor slab. Creating a more visible lower level entrance will also create a facility with a modern, collegiate image, which impacts enrollment and likely increases industry support.

### **Impact on Agency Operating Budgets**

The improved roof and HVAC from this project will result in overall energy savings. The removal of deferred maintenance will lower operational expenses for the college. Renovations to Building C and the demolition of Gateway will save the college \$92,280 in maintenance/repairs for five years after completion. HVAC renovation and the removal of Gateway will save approximately \$25,438 annually in utility savings.

### **Description of Previous Appropriations**

None.

**Project Contact Person**

Brad Doss

Chief Financial Officer

507-433-0523

brad.doss@riverland.edu

(\$ in thousands)

**Riverland Community College - Transportation, Trade and Industrial Education Center,  
Design, Construction, and Renovation**
**PROJECT FUNDING SOURCES**

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 10,122	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 143	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 143</b>	<b>\$ 10,122</b>	<b>\$ 0</b>	<b>\$ 0</b>

**TOTAL PROJECT COSTS**

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 143	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 790	\$ 0	\$ 0
Project Management	\$ 0	\$ 276	\$ 0	\$ 0
Construction	\$ 0	\$ 7,101	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 58	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 784	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 1,113	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 143</b>	<b>\$ 10,122</b>	<b>\$ 0</b>	<b>\$ 0</b>

**IMPACT ON STATE OPERATING COSTS**

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

**SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS**

	Amount	Percent of Total
General Fund	\$ 6,782	67 %
User Financing	\$ 3,340	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

**Baccalaureate Expansion, Design and Renovation****AT A GLANCE****2018 Request Amount:** \$4,270**Priority Ranking:** 11**Project Summary:** This project is expected to be the first of multiple phases to enhance delivery of baccalaureate education on the college campuses in the Twin Cities. The initiative targets Minneapolis Community and Technical College, Normandale Community College and North Hennepin Community College in Phase 1.**Project Description**

This initiative involves a \$4.1 million renovation of the Management Education Center (MEC) to better accommodate the two- and four-year business faculty and student space at Minneapolis Community and Technical College; \$120,000 worth of enhancements to classroom technologies in the elementary education classrooms and faculty offices at the Normandale Community College; and \$214,000 of renovations to the classrooms in the LRC building and a repurposing of a work room in the Business and Technology building at North Hennepin Community College.

**Project Rationale**

This project is intended to target those colleges with well-established facilities and baccalaureate programs. The intent is to position them for continued growth in baccalaureate programming, build on their success, and apply it at other college locations. Minneapolis Community and Technical College recently completed their updated comprehensive facilities plan, which outlined the long-awaited updating to the Management Education Center. Normandale and North Hennepin each operate buildings designed to support baccalaureate education, and are seeking modest improvements to maximize the utility of their existing space.

**Project Timeline**

03/2017: Predesign complete

07/2018: Designer selection (MCTC, NHCC, Normandale)

Timeline for MCTC:

09/2018-06/2019: Design

07-08/2019: Bidding

09/2019-05/2020: Construction

06/2020: Project occupancy

Timeline for NHCC:

09/2018-01/2019: Design

02-03/2019: Bidding

04-06/2019: Construction

07/2019: Project occupancy

Timeline for Normandale:

09/2018-01/2019: Design  
02-03/2019: Bidding  
04-07/2019: Construction  
08/2019: Project occupancy

**Other Considerations**

If funding is delayed, baccalaureate growth may be slower than expected, most likely at Minneapolis Community and Technical College.

**Impact on Agency Operating Budgets**

This project will have minimal impact on the three colleges' operating budgets.

**Description of Previous Appropriations**

None.

**Project Contact Person**

Gregory Ewig  
Senior System Director, Capital Development  
651-201-1775  
gregory.ewig@minnstate.edu

(\$ in thousands)

## Baccalaureate Expansion, Design and Renovation

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 4,270	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 170	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 170</b>	<b>\$ 4,270</b>	<b>\$ 0</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 170	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 303	\$ 0	\$ 0
Project Management	\$ 0	\$ 256	\$ 0	\$ 0
Construction	\$ 0	\$ 3,091	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 578	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 42	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 170</b>	<b>\$ 4,270</b>	<b>\$ 0</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 2,861	67 %
User Financing	\$ 1,409	33 %

**STATUTORY REQUIREMENTS**

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

**Fond du Lac Tribal and Community College - Maajiigi (Start to Grow), Design and Renovation****AT A GLANCE****2018 Request Amount:** \$1,157**Priority Ranking:** 12**Project Summary:** This project improves and modernizes classroom space to support the current and emerging Environmental Institute and Elementary Teacher Education; renovates offices for staff; demolishes the outdated USDA trailer; and enhances existing kitchen facilities to better serve students.**Project Description**

This project accommodates the expansion of the Elementary Teacher Education (ETE) program from a two-year program to a four-year degree; with the loss of its current space in the to-be-demolished USDA trailer, this program will need new classroom space. Existing classrooms will be renovated and updated to address evolving STEM pedagogy so that future educators can be better prepared. ETE classrooms will also receive Interactive Television (ITV) capability to accommodate long distance students in this program.

The Environmental Institute (EI) promotes the education and cultural growth of the community in natural resources and the environment. Its programming is varied and is designed to meet human needs while preserving the environment and Ojibwe culture; activities may include parching and winnowing wild rice, stretching animal hides for drum-making, and traditional basket making. Classes are generally taught evenings and weekends. This project creates shared, flexible and adaptable spaces for both the EI and the ETE programs. Some of the Institute's classes (traditional hide preparation, for example) need to be taught outdoors, so this project creates an outdoor, circular (in keeping with Native American symbolism) paver space to serve as an open-air classroom adjacent to the existing campus main building.

The campus has a shortage of office space; this project renovates existing space to house the two people who will lose their offices with the demolition of the USDA trailer. The project also creates an office space for a social worker who will address students' non-academic barriers (e.g., homelessness or food insecurity).

The school's kitchen was never completed as designed; therefore, the school must rely on outside catering to provide all meal services. Residential students are especially impacted. This project will outfit the kitchen with the missing equipment, enabling the college to expand its meal offerings and improve student service.

**Project Rationale**

Our state continues to face a well-documented achievement gap. Minnesota has the nation's lowest rates of high school graduation for Native American and Hispanic/Latino students and the second lowest rate for African American students (per the Minneapolis Foundation, Approach to Community Impact). However, Fond du Lac Tribal and Community College believes that if we are purposeful and intentional in our actions, we can begin to narrow the achievement gap – starting with the youngest

children, by educating culturally competent STEM focused elementary teachers.

This project provides improved and updated spaces for FDLTCC's Elementary Teacher Education program, which will prepare the next generation of teachers by infusing indigenous (Anishinaabeg—Ojibwe) perspectives into all areas of a curriculum approved by the Minnesota Board of Teachers. The FDLTCC teachers will not only be prepared for Minnesota Board of Teaching licensure, but will have an understanding of their cultural values and those of others. As NEA President Dennis Van Roekel stated, "educators with the skills, knowledge and attitude to value diversity among students will contribute to an educational system designed to serve all students well."

**Project Timeline**

- 11/2016: Predesign complete
- 07/2018: Designer selection
- 08/2018-04/2019: Design
- 05/2019: Bidding
- 06/2019: Construction begins
- 11/2019: Project occupancy

**Other Considerations**

If this project is not funded, the Elementary Teacher Education program will not have the classroom space it needs. The program's enrollment is growing as it transitions from a two-year program to a four-year degree program, meaning that its number of course offerings will grow beyond the capacity of the campus's current classroom inventory.

**Impact on Agency Operating Budgets**

Little to no impact on operating budget.

**Description of Previous Appropriations**

None.

**Project Contact Person**

Stephanie Hammitt  
Vice President of Finance and Administration  
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shammitt@fdltcc.edu

(\$ in thousands)

## Fond du Lac Tribal and Community College - Maajiigi (Start to Grow), Design and Renovation

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 1,157	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 31	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 31</b>	<b>\$ 1,157</b>	<b>\$ 0</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 31	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 91	\$ 0	\$ 0
Project Management	\$ 0	\$ 29	\$ 0	\$ 0
Construction	\$ 0	\$ 760	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 180	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 97	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 31</b>	<b>\$ 1,157</b>	<b>\$ 0</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 775	67 %
User Financing	\$ 382	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	N/A
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	N/A
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

## Saint Paul College - Academic Excellence, Design

**AT A GLANCE****2018 Request Amount:** \$995**Priority Ranking:** 13

**Project Summary:** This project designs the rightsizing, renewal and renovation of 110,045 sq.ft. of classrooms. It improves the functionality of Student Services areas that support 43 associate degree programs, including the Associate of Arts degree, as well as 70 career certificate and diploma programs. The project will enhance existing capacity that supports Twin Cities metro area baccalaureate programs on the college's campus.

**Project Description**

This project designs the renewal, renovation and rightsizing of outdated and functionally obsolete classrooms and labs that are used for instruction in STEM, liberal arts and work force trade programs. Work spaces and adjacent classrooms and labs will be reconfigured for increased efficiency in the college's most heavily used spaces.

The project consolidates Student Services into a convenient One-Stop Shop service area near the college's main entrance – enabling a highly visible Welcome Center to simplify access to key student services such as admissions, registration, financial aid, counseling, transfer services, career services and other vital functions needed to enable student success. Existing Student Services spaces will be repurposed to create back-of-house space for Fine Arts/Performing Arts. The project will refresh the main Dining Services space and create a new Food Service and Culinary food preparation demonstration kitchen and service area to support the food service needs of the entire campus.

Common areas, hallways, corridors and bathrooms throughout core campus buildings will be renewed to meet ADA and other code requirements. The project includes replacement of 54-year-old doors and hardware with electronic lock controls that will ensure a more secure working and learning environment.

**Project Rationale**

In planning for this project, the college reviewed and prioritized existing outdated program spaces based on current curriculum and workforce needs. The proposed renovation repurposes underutilized spaces and rightsizes many classroom and lab areas. Modernized, rightsized instructional space will increase student access to key courses in in-demand programs where the Minnesota Department of Employment and Economic Development projects strong growth in employment demand. The renovated and renewed spaces on campus will also allow the college to create a specialized Entrepreneurship Center that would meet workforce needs in management, sales, and new business development.

The college's Student Services areas are currently constrained by a "silo" layout that is decentralized. This results in students moving from office to office to piece together services needed to support their admission, enrollment, and student success. As students move from office to office, they often have to re-explain their questions and needs, leading to a less than satisfactory experience. Renovation of

the Student Services areas will allow the college to provide a centralized model of service, meeting a broad range of needs and questions in a single One-Stop model that groups functions together based on student needs.

### **Project Timeline**

11/2016: Predesign complete

07/2018: Designer selection

08/2018-04/2019: Design

Summer/fall 2018: Prepare documentation for 2020 Capital Budget Request

07/2020: Appropriation for construction (Phase 2)

08-09/2020: Bidding

10/2020-07/2022: Phased construction (to accommodate academic scheduling)

08/2022: Project occupancy

### **Other Considerations**

Saint Paul College continues to address deferred maintenance through operating funds to address fire code issues; ceiling, lighting, and flooring replacement; and other finish and technology enhancements. This has allowed the college to reduce the estimated cost of the project by over \$4.5 million. This project targets those areas on campus that require more complex and challenging renovations that are beyond the college's ability to fund entirely from its operating allocation.

### **Impact on Agency Operating Budgets**

Overall, it's expected that the project will not increase building operating expenses. When complete, the project will reduce existing utility expenses because of more efficient lighting and reduced electrical consumption. No added staffing is required and ongoing expenses related to waste, recycling, and other consumables are not expected to change. Given the old (54 years) plumbing infrastructure and mechanical infrastructure, it's expected that the project will reduce annual repair and betterment expenses for an extended period of time.

### **Description of Previous Appropriations**

#### **Project Contact Person**

Daniel Kirk

Physical Plant Director

651-846-1473

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(\$ in thousands)

## Saint Paul College - Academic Excellence, Design

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 995	\$ 14,108	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 50	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 50</b>	<b>\$ 995</b>	<b>\$ 14,108</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 50	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 689	\$ 230	\$ 0
Project Management	\$ 0	\$ 204	\$ 496	\$ 0
Construction	\$ 0	\$ 102	\$ 10,362	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 93	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 714	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 2,213	\$ 0
<b>TOTAL</b>	<b>\$ 50</b>	<b>\$ 995</b>	<b>\$ 14,108</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 667	67 %
User Financing	\$ 328	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

(\$ in thousands)

**Northland Community and Technical College - Effective Teaching and Learning Labs, Design and Renovation****AT A GLANCE****2018 Request Amount:** \$2,425**Priority Ranking:** 14**Project Summary:** This renovation is designed to consolidate and expand, within the existing building, lab spaces for the Early Childhood and Education Program, Occupational Therapy Assistant Program, Pharmacy Technology Program, Respiratory Therapist Program, and Computer and Networking Technology Program.**Project Description**

This project remodels 8,225 sq. ft. of existing building, remediating deficiencies in existing ventilation, fire code compliance issues, and deferred maintenance. Space currently used by the college's computer networking technology program will have new electrical and HVAC, addressing current electrical code issues. This project will also improve student access to both labs by allowing an instructor to simultaneously supervise activity in both spaces.

A portion of former lab space will be repurposed and put back into use as a new laboratory for the Occupational Therapy Assistant program. HVAC, electrical, and plumbing within this space will be updated to be more energy efficient. These updates not only affect the portion of this lab being utilized for Occupational Therapy Assistant, but also prepare these mechanical systems for future academic programs. The existing Occupational Therapy Assistant lab space will be repurposed for the expansion of Radiologic Technology, Respiratory Therapist Laboratory, and Pharmacy Technology programs. In this process, HVAC, plumbing, and electrical systems will be updated resulting in improved energy efficiency as well as improved academic laboratory space. The Early Childhood and Paraprofessional program lab will have improved facilities for young children.

**Project Rationale**

None of the existing programs are housed in labs that were specifically designed for their professions. Through redesign of existing space, this project will allow for specifically created lab space for four health and human service programs, as well as the computer and networking program. The accrediting bodies for the health programs have identified inadequacies with the existing lab space in allowing effective delivery of their curriculum. The new lab space will allow the programs to utilize cutting-edge teaching pedagogies. It will also allow for greater collaboration between programs and students within a lab setting that better emulates professional environments.

Safety and mechanical issues in the computer and networking program will also be addressed by this project. Renovation of the computer and networking lab spaces will allow more efficient scheduling and oversight of student lab utilization, improving student access to the lab environment.

**Project Timeline**

11/2016: Predesign complete

07/2018: Designer selection  
08/2018-02/2019: Design  
03-04/2019: Bidding  
05-08/2019: Construction  
09/2019: Project occupancy

**Other Considerations**

If this project is not funded, students in a variety of human services, allied health, and STEM programs will not receive the benefits of updated lab spaces with equipment and technology that is similar to that used by employers. Additionally, existing deficiencies in code compliance and energy efficiency will not be addressed.

**Impact on Agency Operating Budgets**

This project will have minimal impact on the college's operating budget. Operating savings will primarily come from increased efficiency of new HVAC systems and controls, as well as new high-efficiency lighting in renovated spaces.

**Description of Previous Appropriations**

None.

**Project Contact Person**

Shannon Jesme  
Vice President of Administrative Services  
218-683-8577  
shannon.jesme@northlandcollege.edu

(\$ in thousands)

**Northland Community and Technical College - Effective Teaching and Learning Labs,  
Design and Renovation**
**PROJECT FUNDING SOURCES**

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 2,425	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 10	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 10</b>	<b>\$ 2,425</b>	<b>\$ 0</b>	<b>\$ 0</b>

**TOTAL PROJECT COSTS**

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 10	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 205	\$ 0	\$ 0
Project Management	\$ 0	\$ 144	\$ 0	\$ 0
Construction	\$ 0	\$ 1,709	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 188	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 179	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 10</b>	<b>\$ 2,425</b>	<b>\$ 0</b>	<b>\$ 0</b>

**IMPACT ON STATE OPERATING COSTS**

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

**SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS**

	Amount	Percent of Total
General Fund	\$ 1,625	67 %
User Financing	\$ 800	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	N/A
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	N/A
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

**Vermilion Community College - Classroom Building, Design and Renovation****AT A GLANCE****2018 Request Amount:** \$2,349**Priority Ranking:** 15

**Project Summary:** This project renovates six general purpose classrooms by enhancing technology capabilities, lighting, furnishings and interior finishes. The project also renovates two sets of restrooms and a lobby/corridor area in the Classroom Building. A new entry will be created within existing space and the Classroom Building roof will be replaced.

**Project Description**

This project creates flexible adaptive learning environments and increases technological capabilities in six classrooms within the Classroom Building and College Center. The project also brings two sets of heavily used restrooms into ADA compliance and updates adjacent corridors and lobby areas. The remaining asbestos in the Classroom Building is abated, primarily in the floor tile and mastic. The project provides an identifiable entry to the main classroom building and replaces the Classroom Building roof.

**Project Rationale**

Five of the classrooms to be renovated are general purpose classrooms constructed in 1971; all Vermilion students use one or more of these classrooms multiple times prior to graduation. The classrooms have seen only minimal updates since their original construction. The sixth classroom was constructed in 1985 and has seen no updates since it was originally built. The interior finishes (flooring, paint, ceilings, etc.) are in need of replacement and there is some remaining asbestos to be abated. In addition, these classrooms lack technological capabilities common in today's teaching environments. All but one of the classrooms are currently set up for lecture-style instruction with 30-year-old furnishings.

There are two sets of restrooms (Classroom Building and College Services Building) that were constructed in 1971 and have never been updated. These restrooms are some of the most heavily used on campus and are currently not ADA compliant; this project will renovate these restrooms to bring them into code compliance. The Classroom Building roof, which will be replaced by this project, is beyond its useful life and is currently leaking. The laboratory spaces beneath this leaking roof have all been updated in the last 10 years, so it is critical to replace the roof in order to prevent water damage to the renovated laboratories.

**Project Timeline**

11/2016: Predesign complete

07/2018: Designer selection

08/2018-02/2019: Design

03-04/2019: Bidding

05/2019-08/2019: Construction

09/2019: Project occupancy

### **Other Considerations**

Delayed funding will result in ongoing water damage to the Classroom Building and damage to newly remodeled laboratory spaces. While a short-term repair may be possible for some areas of the roof, the widespread amount of wet insulation makes it impossible to ensure the integrity of the roof without total replacement.

Without funding for the restroom renovations, students with disabilities will need to continue to travel to other areas of the campus to find accessible restrooms. Classroom conditions will continue to deteriorate possibly to the point where prospective students will look elsewhere for a more modernized, technologically up-to-date college.

### **Impact on Agency Operating Budgets**

This project will have a positive impact on operating expenses. No additional personnel will be needed as no additional square footage is constructed. Lighting within the affected spaces will be changed to LED, resulting in lower energy costs and additional savings from eliminating the need for fluorescent lamp disposal. The new roof will improve heating and cooling costs. New flooring in corridors will reduce annual maintenance costs.

### **Description of Previous Appropriations**

None.

### **Project Contact Person**

Dave Marshall  
Director of Facilities  
218-235-2125  
d.marshall@vcc.edu

(\$ in thousands)

## Vermilion Community College - Classroom Building, Design and Renovation

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 2,349	\$ 0	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 15	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 15</b>	<b>\$ 2,349</b>	<b>\$ 0</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 15	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 184	\$ 0	\$ 0
Project Management	\$ 0	\$ 91	\$ 0	\$ 0
Construction	\$ 0	\$ 1,774	\$ 0	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 0	\$ 0
Occupancy Costs	\$ 0	\$ 126	\$ 0	\$ 0
Inflationary Adjustment	\$ 0	\$ 174	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 15</b>	<b>\$ 2,349</b>	<b>\$ 0</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 1,574	67 %
User Financing	\$ 775	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	N/A
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	N/A
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A

**Central Lakes College - Student Services and Academic Support, Design****AT A GLANCE****2018 Request Amount:** \$455**Priority Ranking:** 16**Project Summary:** This project designs the remodeling of 41,800 sq. ft. and the renewal of 29,235 sq. ft. to update the Brainerd Campus' Student Service and Academic Support Units to better meet prospective and enrolled student support needs, remove current barriers, and provide space to accommodate innovations in support of current and future learners.**Project Description**

This project gives primary consideration to the strategic placement of enrollment service functions in a convenient, easily accessible physical layout. Proximity of staff offices in relationship to one another is a key factor in addressing student issues effectively and efficiently. Providing a welcoming student waiting area promotes an environment conducive to supporting student success, with an emphasis on availability of staff to address issues, no matter what the nature of the concern happens to be. Co-locating the Learning Commons and Library in an integrated location maximizes multi-use functions. Students have greater access to learning resources with appropriate support to use these resources in a teaching and learning capacity. CLC has created new cohort-based learning programs specifically for developmental and under-represented students; the Learning Commons will be critical in the learning environment to support these programs.

Updating physical education and athletic facilities through this project will address ADA compliance and meet the needs of the college's athletic teams. The updates to the physical education area (weight room, locker rooms, and fitness area) impact academic programs, athletics, student life and the broader student body.

**Project Rationale**

This project is designed to promote a culture and an environment where students "see themselves here." This renovation will serve a diverse range of programs and student needs, ranging from physical education and athletics through liberal arts and career and technical programs.

Central Lakes College serves more than 5,000 students, many of whom are from underrepresented populations and are considered to be at risk. The renovated Student Services areas will promote their success by providing easier access to a variety of academic support and student services resources, all in one location. Additionally, the renovated Learning Commons and physical education facilities will create a supportive and welcoming environment for all students. In addition to traditional college students, CLC serves a) 1,600 high school students through the College in the Schools (CIS) and PSEO programs, allowing high school students to complete college coursework as well as b) a wide range of students interacting with the college through customized training options. This project will enable the college to present to these students a welcoming, contemporary and inviting physical environment that encourages CIS, PSEO, and customized training students to continue their education at CLC.

## **Project Timeline**

11/2016: Predesign complete

08/2018: Designer selection

09/2018-06/2019: Design

10/2018: Prepare documentation for 2020 Capital Budget Request

07-08/2020: Verify Construction Documents; bidding

09/2020-03/2022: Phased construction (to accommodate academic schedule)

04/2022: Project occupancy

## **Other Considerations**

The current student services offices are very small and cannot accommodate a staff person meeting with a colleague or a family navigating through the admissions and enrollment cycle. Given that many conversations must be kept confidential, such as those concerning financial aid or student behavior, appropriate private space is essential to the success of these services.

## **Impact on Agency Operating Budgets**

CLC does not anticipate a significant change in institutional operating costs as a result of this project. The existing recycling program will be maintained, and no additional staff are required. LED lighting will reduce operating expenses; however, this project does add air conditioning to 12,440 square feet of existing instructional space, which will increase energy costs slightly.

CLC expects that the changes incorporated into this project will contribute to our strategic enrollment management plan by promoting students' success and meeting our goals to increase the retention of all students as well as closing the achievement gap.

## **Description of Previous Appropriations**

None.

## **Project Contact Person**

Kari Christiansen

Vice President of Administrative Services

218-855-8060

kchristiansen@clcmn.edu

(\$ in thousands)

## Central Lakes College - Student Services and Academic Support, Design

## PROJECT FUNDING SOURCES

Funding Source	Prior Years	FY 2018	FY 2020	FY 2022
<b>State Funds Requested</b>				
General Obligation Bonds	\$ 0	\$ 455	\$ 9,814	\$ 0
<b>Funds Already Committed</b>				
Other State Funds	\$ 32	\$ 0	\$ 0	\$ 0
<b>Pending Contributions</b>				
<b>TOTAL</b>	<b>\$ 32</b>	<b>\$ 455</b>	<b>\$ 9,814</b>	<b>\$ 0</b>

## TOTAL PROJECT COSTS

Cost Category	Prior Years	FY 2018	FY 2020	FY 2022
Property Acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Predesign Fees	\$ 32	\$ 0	\$ 0	\$ 0
Design Fees	\$ 0	\$ 412	\$ 180	\$ 0
Project Management	\$ 0	\$ 43	\$ 515	\$ 0
Construction	\$ 0	\$ 0	\$ 6,613	\$ 0
Relocation Expenses	\$ 0	\$ 0	\$ 0	\$ 0
One Percent for Art	\$ 0	\$ 0	\$ 60	\$ 0
Occupancy Costs	\$ 0	\$ 0	\$ 972	\$ 0
Inflationary Adjustment	\$ 0	\$ 0	\$ 1,474	\$ 0
<b>TOTAL</b>	<b>\$ 32</b>	<b>\$ 455</b>	<b>\$ 9,814</b>	<b>\$ 0</b>

## IMPACT ON STATE OPERATING COSTS

Cost Category	FY 2018	FY 2020	FY 2022
IT Costs	\$ 0	\$ 0	\$ 0
Operating Budget Impact (\$)	\$ 0	\$ 0	\$ 0
Operating Budget Impact (FTE)	0.0	0.0	0.0

## SOURCE OF FUNDS FOR DEBT SERVICE PAYMENTS

	Amount	Percent of Total
General Fund	\$ 305	67 %
User Financing	\$ 150	33 %

## STATUTORY REQUIREMENTS

The following requirements will apply to projects after adoption of the bonding bill.

<b>Is this project exempt from legislative review under M.S. 16B.335 subd. 1a?</b>	No
<b>Predesign Review (M.S. 16B.335 subd. 3):</b>	
Does this request include funding for predesign?	Yes
Has the predesign been submitted to the Department of Administration?	Yes
Has the predesign been approved by the Department of Administration?	Yes
<b>Will the project design meet the Sustainable Building Guidelines under M.S. 16B.325?</b>	Yes
<b>Will the project designs meet applicable requirements and guidelines for energy conservation and alternative energy sources (M.S. 16B.335 subd. 4 and 16B.32)?</b>	Yes
<b>Have Information Technology Review Preconditions been met (M.S. 16B.335 subd. 5 &amp; 6 and 16E.05 subd. 3)?</b>	N/A
<b>Will the project meet public ownership requirements (M.S. 16A.695)?</b>	Yes
<b>Will a use agreement be required (M.S. 16A.695 subd. 2)?</b>	No
<b>Will program funding be reviewed and ensured (M.S. 16A.695 subd. 5)?</b>	N/A
<b>Will the matching funds requirements be met (M.S. 16A.86 subd. 4)?</b>	N/A
<b>Will the project be fully encumbered prior to the Cancellation Deadline (M.S. 16A.642): December 31, 2022?</b>	Yes
<b>M.S. 16A.502 and M.S. 16B.31 (2): Full Funding Required</b>	Yes
<b>M.S. 174.93: Guideway Project</b>	
Is this a Guideway Project?	No
Is the required information included in this request?	N/A