State of Wisconsin
Building Commission

TONY EVERS
Governor

NAOMI DE MERS
Secretary
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The ADMINISTRATIVE AFFAIRS SUBCOMMITTEE will meet to review and make recommendations on requests submitted by the state agencies.

Thursday, February 27, 2020

10:00 a.m.

Room 330SW
State Capitol

The HIGHER EDUCATION SUBCOMMITTEE will meet to review and make recommendations on requests submitted by the state agencies.

Thursday, February 27, 2020

11:00 a.m.

Room 330SW
State Capitol

The STATE BUILDING COMMISSION will meet to review and act upon agency requests and other business and any matters referred by either subcommittee.

Thursday, February 27, 2020

3:00 p.m.

Governor's Conference Room
115 East, State Capitol

	Subcommittee	Full Commission
The Secretary requests approval of the minutes of December 12, 2019.	No action required.	
DEBT MANAGEMENT		
1. General Obligation Refunding Authorizing Resolution - 2020 State of Wisconsin Building Commission Resolution 1 authorizes the issuance and sale of General Obligations in an amount not to exceed **$595,000,000**, in fixed or variable rate form, to refund outstanding general obligation bonds previously issued for construction or improvement of facilities, grants, and acquisition of land for state-wide purposes.	No action required.	
2. Transportation Revenue Refunding Authorizing Resolution - 2020 State of Wisconsin Building Commission Resolution 2 authorizes the sale and issuance of Transportation Revenue Refunding Obligations in an amount not to exceed **$300,000,000** to refund outstanding transportation revenue bonds.	No action required.	

Subcommittee	Full Commission

ADMINISTRATIVE AFFAIRS

Department of Administration

3. Department of Administration on behalf of the Office of the State Public Defender – Lease – Request authority to lease 4,645 RSF at 500 North Third Street in Wausau for a term of ten years and for initial annual costs of approximately $96,443.17 or $20.76/SF.

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #3

AGENCY: Department of Administration on the behalf of the Office of the State Public Defender

DOA CONTACT: Marcel Maul, (608) 261-7072; marcel.maul@wisconsin.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Wausau, Marathon County

PROJECT REQUEST: Request authority to lease 4,645 RSF at 500 North Third Street in Wausau for a term of ten years and for initial annual costs of approximately $96,443.17 or $20.76/SF.

PROJECT DESCRIPTION:
The State Public Defender (SPD) provides legal representation to the indigent throughout the state in all of Wisconsin's 72 counties. Organizationally, the SPD has 37 local trial offices, two appellate offices and a central administrative office. The proposed lease agreement provides the SPD with 4,645 RSF at 500 North Third Street (Suite 310) in Wausau. Space includes 12 offices, three cubicles, one large and one small conference room, other office support space, and the potential for future expansion in adjacent space. No on-site parking is provided in the lease; however, a city-owned parking facility is located adjacent and is connected to the proposed lease location.

Terms include an initial ten-year lease with two five-year renewals, annual escalations of 1.75% with first year lease costs of $96,443.17. Tenant improvements included in the lease will be amortized over ten years**.** The base lease rate provides for janitorial services; maintenance/services related to the sidewalks; parking areas and grounds; snow and ice removal; trash removal; pest control; water and sewer utilities, insurance and real estate taxes, and other services. The SPD will be responsible for furniture costs and monthly phone and data costs for the premises.

Below, please find the specifics of the proposed lease:

State Functions at Leased Location	Office of the State Public Defender, Marathon County
Lease Location	500 North Third Street – Suite 310, Wausau Wisconsin
Type of Negotiation or Process	DOA- Division of Facilities Development & Management Real Estate Staff
Lessor	Compass Block 15, LLC
Anticipated Occupancy Date	Revised date: June 1, 2020.
Lease Term	Ten Years – June 1, 2020 – May 31, 2030
Renewal Option(s)	(2) five-year renewal options
Escalation Rate	1.75%
Purchase Option	None – This is a multi-tenant office building

Space Type	Office space
Rentable Square Feet	4,645 RSF.
Gross Cost Per Square Feet	$20.76 SF (includes janitorial, CAM, R/E Taxes, Water & Sewer Utilities, Insurance, etc.; and Tenant Improvements)
Annual Gross Cost	$96,443.17

PROJECT JUSTIFICATION:
Currently, SPD operates an office at 368 Grand Avenue in Wausau and has been at this location since November 2003. They currently pay annual rent costs of $57,000 or $15.65/SF for 3,643 SF of office space. The SPD feels this location no longer adequately meets the needs of their staff and clients due to the insufficient square footage, the lack of private offices, and an open area conference room that does not provide the space needed for client confidentiality requirements. The existing lease agreement ended in December 2018 and is currently in holdover. The SPD plans to vacate this location when the tenant improvements for the North Third Street location have been completed.

The proposed space will be updated to meet the specification requirements for a Public Defender Office. The space layout will provide private offices and conference rooms to satisfy the confidential nature of SPD's work and provides an additional 1,002 RSF more than the current location. Additionally, the proposed lease location is closer to the Marathon County Courthouse, which will reduce staff travel and parking expenses.

DOA Legal Counsel and the State Budget Office have reviewed the lease documents and found no issues with this transaction. Additionally, the proposed lease agreement was evaluated with comparable lease options and a cost benefit analysis determined it to be the best solution for an SPD office in Wausau.

PREVIOUS ACTION: None.

	Subcommittee	Full Commission
4. Capitol Heat and Power Plant – Steam and Condensate Line Replacement – Request authority to construct the Steam and Condensate Line Replacement for Pits 7 through 10 at the Capitol Heat and Power Plant for an estimated total cost of $2,872,100 PRSB.		

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #4

AGENCY: Department of Administration

DOA CONTACT: Paula Veltum, (608) 266-3086, paula.veltum@wisconsin.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Capitol Heat & Power Plant, Dane County

PROJECT REQUEST: Request authority to construct the Steam and Condensate Line Replacement for Pits 7 through 10 at the Capitol Heat and Power Plant for an estimated total cost of $2,872,100 PRSB.

PROJECT NUMBER: 18J2L

PROJECT DESCRIPTION:
This project will replace failed sections of Capitol Heat and Power Plant (CHPP) steam and condensate piping located from Pits 7 to 8 under Main Street and from Pits 9 to 10 under Blair Street/Hwy 151. The project scope provides for the replacement of steam and condensate utility lines between Pits 7 to 8; and also provides for the replacement of steam and condensate utility lines and the repair of steam pits 9 and 10 located along the project area.

The steam and condensate utilities to be replaced are contained in direct buried, insulated piping systems. All replacement utilities will be installed direct bury, insulated piping systems with fiberglass reinforced polymer or HDPE outer jacket for extended service life. Site restoration work, including roadway repairs at the Pit 9 to Pit 10 street crossing, partial Main Street repairs at the location of Pits 7 and 8, pedestrian walkway repairs, turf and landscaping repair or replacement, will be completed as needed. The project is located on a main highway (Hwy 151) and on Main Street in Madison. All work will need to be carefully coordinated with the following for road closures and time frames: US Department of Transportation (DOT), City of Madison, Wisconsin Department of Administration, Capitol Police, and the Wisconsin DOT.

PROJECT JUSTIFICATION:
The 48,116 GSF Capitol Heat & Power Plant was constructed between 1908 and 1911. In 2015, a total rebuild of the CHPP was completed. This project replaced the existing coal fired boilers and steam generated chilled water system with natural gas boilers and electric chillers.

The CHPP is a central utility plant and supplies steam for heating and/or chilled water for air conditioning for seven state buildings located in downtown Madison (State Administration Building; Health Services Building; State Labor Building; State Natural Resources Building; State Education Building; Risser Justice Center; and the State Capitol). Additionally, the CHPP provides steam to four non-state buildings in downtown Madison (City of Madison's Monona Terrace Community & Convention Center; Dane County's City/County Jail; Dane County's Public Safety Building & County Courthouse; and the Lake Terrace Building located at 121 E. Wilson Street).

Failure of one or more utility segments would have catastrophic impact on operation of major facilities connected to the utility. There are portions of the pipe that are installed in a direct buried, insulated piping system which includes the areas between Pits 7 to 8 and Pits 9 to 10. The age of the piping in these areas is approximately 25 years old, which is near the service life for this type of direct bury system. Piping from Pits 7 to 8 and to Pits 9 to 10 has segments of condensate line which have failed are no longer serviceable and the steam line is currently nearing the end of its lifecycle.

This project will provide a proper corrective solution to improve utilities between Pits 7 to 8 and Pits 9 to 10 and will ensure that the CHPP continues to meet the heating and chilled water needs of State, City and Dane County buildings on its utility distribution loop.

BUDGET/SCHEDULE:

Construction	$2,100,700
Design	$294,100
DFDM Mgt	$99,200
Contingency	$378,100
TOTAL	$**2,872,100**

SBC Approval	Feb 2020
A/E Selection	Nov 2018
Bid Opening	Apr 2020
Start Construction	Jun 2020
Substantial Completion	Dec 2020
Final Completion	Feb 2021

PREVIOUS ACTION: None.

Subcommittee	Full Commission

Department of Corrections

5. Fox Lake Correctional Institution – Drinking Water System Improvements – Request the following:
   a) Approve the Design Report;
   b) Authority to increase the project budget by $563,200 EX-GFSB; and
   c) Authority to construct the Fox Lake Correctional Institution Drinking Water System Improvements project for a revised estimated total cost of $3,563,200 GFSB.

   In June 2019, the SBC approved the release of $327,000 BTF-Planning to conduct preliminary design work and prepare the Design Report for the Drinking Water System Improvements project.

   This project was enumerated in 2017 Wisconsin Act 59 for $3,000,000 GFSB.

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #5

AGENCY: Department of Corrections

DOC CONTACT: Jane Zavoral, (608) 240-5410, jane.zavoral@wisconsin.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Fox Lake Correctional Institution, Dodge County

PROJECT REQUEST: Request the following:

a) Approve the Design Report;
b) Authority to increase the project budget by $563,200 EX-GFSB; and
c) Authority to construct the Fox Lake Correctional Institution Drinking Water System Improvements project for a revised estimated total cost of $3,563,200 GFSB.

PROJECT NUMBER: 17K2J

PROJECT DESCRIPTION:
This project will add water system treatment including filtration to reduce concentrations of iron and manganese in the drinking water. The Department of Corrections (DOC) and the Wisconsin Department of Natural Resources (DNR) agreed to corrective steps and a timeline to reduce iron and manganese in the water by April 29, 2022. The project includes construction of a filter building addition to the existing booster station, installation of a pressure filter and appurtenances, water main and yard piping changes, and modifications to electrical equipment and controls systems.

PROJECT JUSTIFICATION:
The purpose of the project is to address concentrations of iron and manganese that exceed aesthetic standards in the drinking water at Fox Lake Correctional Institution (FLCI). A Consent Order was signed in July 2018 between the DOC and the DNR that laid out the corrective steps and a timeline for compliance to reduce iron and manganese in the water at FLCI. The Consent Order contained the following compliance steps and deadlines:

- Submit an engineering report, plans, and specifications for an iron and manganese water treatment system by September 1, 2019. This was revised to January 1, 2020 by the DNR per an April 16, 2019 letter.
- Complete installation of a treatment system by April 29, 2021.
- Achieve compliance with the iron and manganese secondary standards by April 29, 2022 based on a running annual average from a minimum of four consecutive quarters of entry point sampling. The aesthetic secondary standards are 0.3 mg/L for iron and 50 ug/L for manganese.

BUDGET/SCHEDULE:

Construction	$2,553,300
Design	$387,500
DFDM Mgt	$112,400
Contingency	$255,300
Other Fees	$254,700
TOTAL	**$3,563,200**

SBC Approval	Feb 2020
A/E Selection	Dec 2017
Design Report	Feb 2020
Bid Opening	Jun 2020
Start Construction	Sep 2020
Substantial Completion	Mar 2021

PREVIOUS ACTION: In June 2019, the SBC approved the release of $327,000 BTF-Planning to conduct preliminary design work and prepare the Design Report for the Drinking Water System Improvements project.

This project was enumerated in 2017 Wisconsin Act 59 for $3,000,000 GFSB.

DESIGN REPORT

DIVISION OF FACILITIES DEVELOPMENT AND MANAGEMENT
101 East Wilson Street, 7th Floor Post Office Box 7866
Madison, WI 53707

February 27, 2020

Drinking Water System Improvements
Fox Lake Correctional Institution
Fox Lake, WI

Project Number: 17K2J

For the: Department of Corrections

Project Manager: Katherine Kalscheur

Architect/Engineer: Town & Country Engineering
Madison, WI

1. Project Description:

This project will add water system treatment including filtration to reduce concentrations of iron and manganese in the drinking water. The Department of Corrections (DOC) and the Wisconsin Department of Natural Resources (DNR) agreed to corrective steps and a timeline to reduce iron and manganese in the water by April 29, 2022. The project includes construction of a filter building addition to the existing booster station, installation of a pressure filter and appurtenances, water main and yard piping changes, and modifications to electrical equipment and controls systems.

2. Authorized Budget and Funding Source:

This project was enumerated in 2017 Wisconsin Act 59 for $3,000,000 GFSB.

3. Schedule:

Bid Opening:	Jun 2020
Start of Construction:	Sep 2020
Substantial Completion / Occupancy:	Mar 2021

4. Budget Summary:

Construction	$2,553,300
A/E Fees	$387,500
DFDM Mgmt	$112,400
Contingency	$255,300
Other Fees	$254,700
Total Project Cost	**$3,563,200**

	Subcommittee	Full Commission
6. <u>Taycheedah Correctional Institution – Building Automation System Upgrade</u> – Request the following: a) Authority to construct the Taycheedah Correctional Institution Building Automation System Upgrade for an estimated total cost of $500,800 GFSB; and b) Transfer all approved GFSB All Agency Allocations to the DOC Infrastructure Maintenance appropriation.		

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #6

AGENCY: Department of Corrections

DOC CONTACT: Jane Zavoral, (608) 240-5410, jane.zavoral@wisconsin.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Taycheedah Correctional Institution, Fond du Lac County

PROJECT REQUEST: Request the following:

a) Authority to construct the Taycheedah Correctional Institution Building Automation System Upgrade for an estimated total cost of $500,800 GFSB; and
b) Transfer all approved GFSB All Agency Allocations to the DOC Infrastructure Maintenance appropriation.

PROJECT NUMBER: 19L1H

PROJECT DESCRIPTION:
This project will upgrade the remainder of the legacy American AutoMatrix Building Automation System (BAS) controllers for the HVAC equipment in the institution with new supervisory and field controllers to current supported BACnet based BAS equipment. The buildings to be included are Abrahamson Hall, Segregation/SMP, Harris Hall, Maximum Housing, Gower Hall, and the Infirmary.

PROJECT JUSTIFICATION:
The existing supervisory and field level controllers are obsolete and replacements are no longer produced by the manufacturer and are difficult to obtain. Software used to maintain the controllers and operate the workstation interface are obsolete and no longer supported by Microsoft or the manufacturer. This upgrade will allow the entire BAS to be connected to the existing current technology server for a single point of access to the system and eliminate the legacy server.

BUDGET/SCHEDULE:

Construction	$450,000
Contingency	$31,500
DFDM Mgt	$19,300
TOTAL	**$500,800**

SBC Approval	Feb 2020
Bid Opening	Mar 2020
Start Construction	Apr 2020
Substantial Completion	Apr 2021
Final Completion	Jun 2021

PREVIOUS ACTION: None.

Subcommittee	Full Commission

Department of Health Services

7. Mendota Mental Health Institution – Mendota Juvenile Treatment Center Expansion BTF-Planning Release – Request the release of an additional $550,000 Building Trust Funds–Planning to complete the design to bidding documents for the Mendota Juvenile Treatment Center Expansion project.

   In February 2019, the SBC approved the release of $2,175,000 BTF-Planning to prepare a design through the final design phase for the Mendota Juvenile Treatment Center Expansion.

   This project was enumerated in 2017 Wisconsin Act 185 and 2019 Wisconsin Act 9.

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #7

AGENCY: Department of Health Services

DHS CONTACT: Mark Zaccagnino, (608) 266-2902, mark.zaccagnino@wisconsin.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Mendota Mental Health Institution, Dane County

PROJECT REQUEST: Request the release of an additional $550,000 Building Trust Funds– Planning to complete the design to bidding documents for the Mendota Juvenile Treatment Center Expansion project.

PROJECT NUMBER: 18F1Y

PROJECT DESCRIPTION:
This project will expand the existing Mendota Juvenile Treatment Center (MJTC) facility by constructing a new secure treatment facility adjacent to the existing MJTC. The new facility will contain two units for 30 male and two units for 20 female juvenile offenders including program space for both male and female. The new units will be integrated into the existing MJTC facility to create an MJTC campus within the grounds of Mendota Mental Health Institute.

PREVIOUS ACTION: In February 2019, the SBC approved the release of $2,175,000 BTF-Planning to prepare a design through the final design phase for the Mendota Juvenile Treatment Center Expansion.

This project was enumerated in 2017 Wisconsin Act 185 and 2019 Wisconsin Act 9.

Subcommittee	Full Commission

8. Various All Agency Projects – Request the following:
   a) Authority to construct various All Agency maintenance and repair projects for an estimated total cost of $5,580,600 ($4,400,000 GFSB - Utility Repair and Renovation and $1,180,600 GFSB - Facility Maintenance and Repair);
   b) Permit the Division of Facilities Development and Management to adjust individual project budgets; and
   c) Transfer all approved GFSB all agency allocation to the DHS Infrastructure Maintenance account.

Facility Maintenance and Repair		**$1,180,600**
WRC	Hughes Hall Bldg A Roof Repl ($1,180,600 GFSB)	$1,180,600
Utility Repair and Renovation		**$4,400,000**
CWC	Steam System Repairs ($4,400,000 GFSB)	$4,400,000

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #8

AGENCY: Department of Health Services

DHS CONTACT: Mark Zaccagnino, (608) 266-2902, mark.zaccagnino@wisconsin.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Statewide

PROJECT REQUEST: Request the following:

a) Authority to construct various All Agency maintenance and repair projects for an estimated total cost of $5,580,600 ($4,400,000 GFSB - Utility Repair and Renovation and $1,180,600 GFSB - Facility Maintenance and Repair);
b) Permit the Division of Facilities Development and Management to adjust individual project budgets; and
c) Transfer all approved GFSB all agency allocation to the DHS Infrastructure Maintenance account.

Facility Maintenance and Repair			
LOCATION	**PROJ. NO.**	**PROJECT TITLE**	**GFSB**
Wisconsin Resource Center (Winnebago Co.)	18J1O	Hughes Hall Building "A" Roof Replacement	$1,180,600
Facility Maintenance and Repair Total			**$1,180,600**

Utility Repair and Renovation			
LOCATION	**PROJ. NO.**	**PROJECT TITLE**	**GFSB**
Central Wisconsin Center (Dane Co.)	19E3N	Steam System Repairs	$4,400,000
Utility Repair and Renovation Total			**$4,400,000**

Wisconsin Resource Center - Hughes Hall Building "A" Roof Replacement (18J1O):

Project Description and Justification:
This project will replace the 41,600 square foot roof of Hughes Hall Building "A" and associated building connectors. The existing roof of the building will be completely removed and replaced with a membrane roof system over new insulation. Roof drains will also be replaced. The existing concertina wire on the roof will be lowered and attached to the building exterior wall. This will allow access to the roof.

This project is required to maintain the building envelope against water infiltration. The existing roof is over 25 years old and is failing as evidenced by the increase in the frequency of repairs.

Hughes Hall provides psychological assessment and treatment to inmates from the Department of Corrections. Replacing the roof will maintain the physical environment and minimize further damage to the building.

Budget/Schedule:

Construction	$949,500
Design	$94,300
DFD Mgt	$41,800
Contingency	$95,000
TOTAL	**$1,180,600**

SBC Approval	Feb 2020
A/E Selection	Dec 2018
Bid Opening	Mar 2020
Start Construction	May 2020
Substantial Completion	Nov 2020
Final Completion	May 2021

Previous Action: None.

Central Wisconsin Center - Steam System Repairs (19E3N):

Project Description and Justification:
This project will replace sections of the steam and condensate distribution system on the north and south sides of the facility. One thousand seven hundred (1,700) lineal feet of low-pressure steam, high-pressure steam, and condensate piping will be replaced with direct buried steam conduits. Four steam vaults will be replaced. Restoration will include resurfacing the roadway, parking area, and pedestrian sidewalks over the steam system piping. An accessible exterior ramp to one of the patient buildings will also be replaced.

This project is required to maintain a safe and reliable steam distribution system. Leaks have developed in the distribution system at the north and south sides of the facility. A complete failure of this piping will interrupt heat and hot water to patient buildings as well as food service and laundry operations. Replacing the degraded sections will improve reliability of steam distribution system and enhance the physical environment of the facility for the developmentally disabled residents who live there.

Budget/Schedule:

Construction	$3,600,000
Design	$208,100
DFDM Mgt	$162,000
Contingency	$429,900
TOTAL	**$4,400,000**

SBC Approval	Feb 2020
A/E Selection	Jul 2019
Bid Opening	Apr 2020
Start Construction	Jun 2020
Substantial Completion	Dec 2020
Final Completion	Apr 2021

Previous Action: None.

Subcommittee	Full Commission

Department of Natural Resources

9. Stewardship Small Project Release Friends Grants - The Department of Natural Resources (DNR) in cooperation with the Department of Administration (DOA) requests the release of $250,000 Stewardship Property Development funds authorized under s. 20.866 (2) (ta), Wis. Stats., to be administered as nonstandard projects by the DNR and DOA Capital Accounting. This $250,000 will be used for the Friends group and nonprofit conservation organizations (NCO) match grants authorized under s. 23.098, Wis. Stats. The individual grants will be processed through the DOA Division of Facilities Development and Management as small projects.

CORRESPONDENCE/MEMORANDUM — State of Wisconsin

REQUEST #9

DATE: February 27, 2020 FILE REF: Stewardship Rec. Development

TO: Naomi De Mers, Secretary
State Building Commission

FROM: Dan Olson, Chief
Facilities Operations Section
Department of Natural Resources

SUBJECT: Stewardship Small Project Release

The Department of Natural Resources (DNR) in cooperation with the Department of Administration (DOA) requests the release of $250,000 Stewardship Property Development funds authorized under s. 20.866 (2) (ta), Wis. Stats., to be administered as nonstandard projects by the DNR and DOA Capital Accounting. This $250,000 will be used for the Friends group and nonprofit conservation organizations (NCO) match grants authorized under s. 23.098, Wis. Stats. The individual grants will be processed through the DOA Division of Facilities Development and Management as small projects.

The Friends group and NCOs are authorized to receive up to $250,000 in matching funds each fiscal year for projects at DNR properties. No individual DNR property can exceed $20,000 in a fiscal year.

A total of 19 Friends group and NCO projects with a total of $240,500 in Stewardship matching grants have been approved (see attached). The total estimated cost of 2020 projects is $481,000 in matching grants, sponsor cash, and in-kind contributions. If in any year the total requested does not equal or exceed $250,000, any remaining balance to the Stewardship matching funds will revert to the general property development category of the Stewardship program.

Grant #	Friends Group/NCO	Property	County	Project Name	Total 2020 Cost	Cash Match	In-Kind Match	Amount Requested
20101	Friends of Blue Mound State Park	Blue Mound State Park	Iowa	Construct Wood Shed	$ 20,280	$ 10,140		$ 10,140
20102	Brillion Nature Study Center Assn, Inc.	Brillion Wildlife Area	Calumet	Marsh Platform Project, Phase 1	$ 40,000	$ 20,000		$ 20,000
20103	Friends of Buckhorn State Park	Buckhorn State Park	Juneau	Construct New Wooden Kiosks/Orientation Signs	$ 13,260	$ 6,630		$ 6,630
20104	Friends of the Chippewa River State Trail	Chippewa River State Trail	Dunn	Trail Stabilization and Trail Patching	$ 5,000	$ 2,500		$ 2,500
20105	Friends of the Chippewa River State Trail	Chippewa River State Trail	Eau Claire	Bike Rack and Bench Replacement on Short Street	$ 978	$ 489		$ 489
20106	Friends of the Chippewa River State Trail	Chippewa River State Trail	Eau Claire	Place trail entrance sign at Short Street	$ 2,330	$ 1,165		$ 1,165
20107	Friends of Council Grounds State Park	Council Grounds State Park	Lincoln	Northwest Trail, Phase 2	$ 27,800	$ 13,900		$ 13,900
20108	Friends of Devil's Lake State Park	Devil's Lake State Park	Sauk	Picnic Area and Campsite Improvements	$ 40,000	$ 20,000		$ 20,000
20109	Friends of Governor Dodge State Park, Inc	Governor Dodge State Park	Grant	Equestrian Campground, Phase 2	$ 40,000	$ 20,000		$ 20,000
20110	Friends of Havenwoods, Inc	Havenwoods State Forest	Milwaukee	Trail Enhancement, Install Signage	$ 1,050	$ 525		$ 525
20111	Friends of High Cliff State Park	High Cliff State Park	Calumet	ADA Accessibility Bathroom Upgrade	$ 40,000	$ 20,000		$ 20,000
20112	Ice Age Trail Alliance	Ice Age Trail	Multiple	Trail Development	$ 40,000	$ 20,000		$ 20,000
20113	Friends of Pike Lake	Kettle Moraine State Forest (KMSF) - Pike Lake Unit	Washington	Campground to Forest HQ Bicycle Trail	$ 40,000	$ 20,000		$ 20,000
20114	Friends of Lapham Peak, Inc	KMSF- Lapham Peak Unit	Waukesha	Winter Recreation Storage Building	$ 40,000	$ 17,825	$ 2,175	$ 20,000
20115	Kettle Moraine Natural History Assn	KMSF- Southern Unit	Walworth	Whitewater Watershed Restoration	$ 40,000	$ 20,000		$ 20,000
20116	Friends of Kohler Andrae State Park	Kohler Andrae State Park	Sheboygan	Firewood Shed	$ 40,000	$ 20,000		$ 20,000
20117	Friends of the Military Ridge Trail	Military Ridge State Trail	Iowa	Ridgeway Information Kiosk	$ 6,262	$ 3,044	$ 87	$ 3,131
20118	Newport Wilderness Society	Newport State Park	Door	Fern Trail Boardwalk Restoration	$ 40,000	$ 20,000		$ 20,000
20119	Friends of Wyalusing State Park	Wyalusing State Park	Grant	Interpretive Sign Replacements	$ 4,000	$ 2,000		$ 2,000
				Totals	**$ 480,960**	**$ 238,218**	**$ 2,262**	**$ 240,480**

Subcommittee	Full Commission

10. Grand River Marsh Wildlife Area – Dam Repair (Increase) - Request approval to increase the project budget to accept bids received for the construction of the Dam Repair project at Grand River Marsh Wildlife Area by $335,800 GFSB for a revised estimated total cost of $897,000 GFSB.

    In August 2019, the SBC approved the construction of the Grand River Marsh Dam Repair project for an estimated total cost of $561,200 GFSB.

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #10

AGENCY: Department of Natural Resources

DNR CONTACT: Dan Olson, (608) 264-6055, daniel.olson@wisconsin.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Town of Buffalo, Marquette County

PROJECT REQUEST: Request approval to increase the project budget to accept bids received for the construction of the Dam Repair project at Grand River Marsh Wildlife Area by $335,800 GFSB for a revised estimated total cost of $897,000 GFSB.

PROJECT NUMBER: 18L2W

PROJECT DESCRIPTION:
This project will restore and upgrade operability of the Grand River Marsh Dam gates which were damaged during response to an extreme rainfall event in August 2018. This project consists of replacing outdated gate operating equipment on the three main dam gates originally installed in 1969. This includes upgrading the power supply for the operating equipment, replacing wheel bearings, and replacing gate seals. Areas of concrete spalling along the existing wing walls and piers supporting the operator's bridge will be repaired. The operator's bridge will be modified to accept the new gate actuators and will be permanently reattached to the supporting piers. The operator's bridge, stairs, and three main gates will also be repainted.

PRJOECT JUSTIFICATION:
This project is part of the emergency response to the August 2018 rain and flooding disaster in South Central Wisconsin. The dam in its current condition is inoperable and has resulted in the draining of the Grand River Marsh. This condition impacts users due to limited hunting and fishing opportunities, eliminates habitat, and elevates the risk to human health and safety.

Bids were received for this project on November 21, 2019. No additional program deductions are available to value engineer the project to help reduce costs. Therefore, the additional funds requested are required to accept bids received and allow for an appropriate post-bid contingency.

BUDGET/SCHEDULE:

Construction	$726,400
Design	$63,300
DFDM Mgt	$31,900
Contingency	$69,400
Other Fees	$6,000
TOTAL	**$897,000**

SBC Approval	Feb 2020
A/E Selection	Jan 2019
Bid Opening	Nov 2019
Start Construction	April 2020
Substantial Completion	Nov 2020
Final Completion	May 2021

PREVIOUS ACTION: In August 2019, the SBC approved the construction of the Grand River Marsh Dam Repair project for an estimated total cost of $561,200 GFSB.

Subcommittee	Full Commission

Department of Transportation

11. Division of Transportation System Development Northwest Regional Headquarters – Parking Lot Reconstruction (Increase) - Request approval to increase the budget for the Parking Lot Reconstruction project by $442,800 SEGRB for a revised estimated total cost of $1,580,200 SEGRB.

    In September 2019, an administrative increase of $87,400 as per SBC Policy and Procedures Section IV. Minor Project Approval sub B was approved for an estimated total cost of $1,137,400 SEGRB.

    In May 2019, the SBC granted authority to increase the project budget by $130,000 SEGRB to accept bids received for a revised estimated total cost of $1,050,000 SEGRB.

    In August 2018, the SBC granted authority to construct the project for an estimated total cost of $920,000 SEGRB.

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #11

AGENCY: Department of Transportation

DOT CONTACT: Casey Newman, (608) 266-2090, casey.newman@dot.wi.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Division of Transportation System Development Northwest Regional Headquarters, Douglas County

PROJECT REQUEST: Request approval to increase the project budget for the Parking Lot Reconstruction project by $442,800 SEGRB for a revised estimated total cost of $1,580,200 SEGRB.

PROJECT NUMBER: 15L1O

PROJECT DESCRIPTION:
The budget increase is necessary due to soil contamination below the existing parking lot throughout the site. The contaminated soil had to be disposed of at a landfill at additional costs to the project. The soil contamination has caused delays in the construction schedule so that phase 3 of the parking lot reconstruction must be completed in the spring and summer of 2020. The delay required extra work to be completed between phase 2 and phase 3, as well as demobilization and remobilization of the construction crew for the winter.

PROJECT JUSTIFICATION:
The Division of Transportation System Development (DTSD) Northwest Regional Headquarters was built in 1981 and renovated in 2001. The asphaltic pavement and sidewalks were not included in the 2001 project and now represent safety issues and a poor public appearance for the Department. Numerous areas of the lot have deteriorated and broken apart, and the basins have settled creating exaggerated sloping and slippery conditions in winter months. Sidewalks need repair/replacement to correct safety issues (e.g. uneven pavement, deteriorated surface conditions, poor drainage, etc.). Accessible parking spaces require modification to meet slope and maneuvering room requirements.

BUDGET/SCHEDULE:

Construction	$1,259,300
Design	$142,400
DFDM Mgt	$53,700
Contingency	$80,300
Other Fees	$44,500
TOTAL	**$1,580,200**

SBC Approval	Aug 2018
A/E Selection	Nov 2016
Design Report	Jun 2018
Bid Opening	Feb 2019
Start Construction	Jun 2019
Substantial Completion	May 2020
Final Completion	Jun 2020

PREVIOUS ACTION: In September 2019, an administrative increase of $87,400 as per SBC Policy and Procedures Section IV. Minor Project Approval sub B was approved for an estimated total cost of $1,137,400 SEGRB.

In May 2019, the SBC granted authority to increase the project budget by $130,000 SEGRB to accept bids received for a revised estimated total cost of $1,050,000 SEGRB.

In August 2018, the SBC granted authority to construct the project for an estimated total cost of $920,000 SEGRB.

Subcommittee	Full Commission

Department of Veterans Affairs

12. Southern Wisconsin Center – Campus Site Work – Request the following:
    a) Authority to construct the Campus Site Work for an estimated total cost of $2,502,000 GFSB; and
    b) Transfer all approved GFSB All Agency Allocations to the DVA Infrastructure and Maintenance Appropriation.

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #12

AGENCY: Department of Veterans Affairs

DVA CONTACT: Nick Heintz, (608) 266-3732, nick.heintz@dva.wisconsin.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Southern Wisconsin Center, Racine County

PROJECT REQUEST: Request the following:

a) Authority to construct the Campus Site Work for an estimated total cost of $2,502,000 GFSB; and
b) Transfer all approved GFSB All Agency Allocations to the DVA Infrastructure and Maintenance Appropriation.

PROJECT NUMBER: 18I2X

PROJECT DESCRIPTION:
The project will address pavement and drainage issues at two different locations on the Southern Wisconsin Center Facility. The first location near the Wisconsin Veterans Home at Union Grove will reconstruct several parking lots and an access roadway while addressing drainage issues. Other parking areas and roadways will remove the existing asphalt surface and place a new asphalt surface to repair failure areas. Additional parking will be added in several locations. Work within this area of the project will also include replacement of curb and gutter, sidewalk and detectable warning fields, drainage structures, site lighting luminaires, pavement marking and site restoration. The second location near the Southern Wisconsin Veterans Memorial Cemetery will remove and replace the existing asphalt surface along with new pavement markings. Drainage structures will be replaced in several locations.

PROJECT JUSTIFICATION:
Campus roadways and parking lots have cracked and crumbled over time creating significant hazards and a growing maintenance issue. Surfaces are badly deteriorated in part due to an insufficient base that does not incorporate adequate storm drainage for the surrounding areas. In addition, the snow, salt, ice, and low water table at this location are contributing to the wear on these surfaces. Complete removal and reconstruction of all surfaces will address the long-term safety and liability concerns on campus. This project complies with risk management goals to decrease or eliminate falls off curbs or on sidewalks even when sidewalk slopes are ADA compliant (minimum standards).

BUDGET/SCHEDULE:

Construction	$1,955,000
Design	$138,700
DFDM Mgt	$90,000
Contingency	$293,300
Other Fees	$25,000
TOTAL	**$2,502,000**

SBC Approval	Feb 2020
A/E Selection	Jan 2019
Bid Opening	Jun 2020
Start Construction	Aug 2020
Substantial Completion	Dec 2020
Final Completion	Dec 2020

PREVIOUS ACTION: None.

Subcommittee	Full Commission

HIGHER EDUCATION

University of Wisconsin

13. UW- La Crosse – Fieldhouse and Soccer Support Facility – Request the following:
    a) Approve the Design Report; and
    b) Authority to construct the Fieldhouse and Soccer Support Facility project for an estimated total cost of $49,035,000 ($24,517,500 PRSB and $24,517,500 PR-CASH).

    This project was enumerated in 2019 Wisconsin Act 9 for $49,035,000 ($24,517,500 PRSB and $24,517,500 PR-CASH).

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #13

AGENCY: University of Wisconsin

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: UW-La Crosse, La Crosse County

PROJECT REQUEST: Request the following:

a) Approve the Design Report; and
b) Authority to construct the Fieldhouse and Soccer Support Facility project for an estimated total cost of $49,035,000 ($24,517,500 PRSB and $24,517,500 PR-CASH).

PROJECT NUMBER: 15I2I

PROJECT DESCRIPTION:
This project constructs a new fieldhouse, including a 200-meter National Collegiate Athletic Association (NCAA) competition indoor track with an all sport surface infield and seating space for a minimum of 1,500 spectators. The second level will have a walking/jogging track. The fieldhouse will have various service spaces including men's and women's team locker rooms and showers, a team meeting room, two multipurpose rooms, a training room, office suite, and equipment storage for athletics, exercise and sports science, and recreation. Mechanicals will be located in a basement area. This project also includes construction of a new soccer support facility including a press box, team rooms, restrooms, equipment storage space, and a first aid/training room.

The new fieldhouse location, which is east of the Roger Harring Stadium with the southern entrance located on Pine Street, requires the relocation of the soccer fields. A utility corridor will be constructed along Pine Street to serve the new fieldhouse, the future renovation of Mitchell Hall, and a possible campus expansion to the east. Utilities for the new fieldhouse will be provided from the central heating and chiller plant and the campus electrical substation. This plan is based on a comprehensive utilities study and the required utility extension(s), upgrade(s), and building service(s) modifications will also be completed in this project.

An all sport surface suitable for track meet field events, baseball and softball practice, intramural activities, and club sporting activities such as soccer, volleyball, basketball, floor hockey, rugby, and lacrosse will be provided in the track infield.

PROJECT JUSTIFICATION:
A predesign for the previously enumerated Gymnastics/Storage Building was completed in 2013. A space needs analysis concluded that additional space was needed to meet program demands for athletics and recreation sports. The campus determined that a fieldhouse would resolve the lack

of an indoor competition track, provide intramural and club sport space, and allow for more effective use of Mitchell Hall.

A sequence of three related projects was recommended: construction of a new fieldhouse, relocation of the existing soccer field, and a minor renovation of Mitchell Hall, which will be converted to space for gymnastics practice, wrestling practice, and the academic Exercise and Sports Science Program. Temporary space for gymnastics will be created in the Cartwright Center until adequate space in Mitchell Hall is available for reallocation. The relocated competition soccer venue will be a synthetic surface field that is suitable for athletics, intramurals, and club sports.

In order to construct the new fieldhouse east of the existing Roger Harring Stadium, the soccer venue needed to be relocated. A new synthetic surface soccer venue for athletics, recreation, and club sports has been installed to replace the original natural turf fields. There are no restroom facilities for the soccer events and intramural sporting activities. The new press box, concessions, and restroom facility included in this project will provide restroom facilities near the outdoor recreation area.

Gymnastics was located in Wittich Hall, which is undergoing renovation, leaving that sport without a practice facility. The university has provided a temporary gymnastics practice facility in Cartwright Center. Construction of a new fieldhouse will allow the Mitchell Fieldhouse to include a new gymnastics practice facility, a new wrestling practice facility and academic space for the growing Exercise and Sports Science Program. Instructional space will increase from 75,700 square feet to 149,600 square feet with construction of the new fieldhouse and the renovation of Mitchell Hall. Repurposed space in Mitchell Fieldhouse will increase the wrestling practice space from 2,803 to 6,500 square feet.

The Recreational Eagle Center was visited by 93% of the student population last year. In a 2013 student survey, 92% of respondents indicated they experienced overcrowding at the Recreational Eagle Center. Approximately 43% of the student population participate in intramural sporting activities, and there are twelve club sports that would use the new fieldhouse. This high level of participation has created a shortage of athletic practice and competition venues. This project provides a way to keep pace with student expectations and the continued growth in the athletic and recreation programs and the academic lab work of the Exercise and Sports Fitness Program.

BUDGET/SCHEDULE:

Construction	$37,664,300
Design	$2,045,400
DFDM Mgt.	$1,657,300
Contingency	$3,766,400
Equipment	$3,653,100
Other Fees	$248,500
TOTAL	**$49,035,000**

SBC Approval	Feb 2020
A/E Selection	Sep 2016
Design Report	Feb 2020
Bid Opening	Aug 2020
Start Construction	Oct 2020
Substantial Completion	Sep 2022
Final Completion	Dec 2022

PREVIOUS ACTION: This project was enumerated in 2019 Wisconsin Act 9 for $49,035,000 ($24,517,500 PRSB and $24,517,500 PR-CASH).

DESIGN REPORT

DIVISION OF FACILITIES DEVELOPMENT AND MANAGEMENT
101 East Wilson Street, 7th Floor Post Office Box 7866
Madison, WI 53707

February 27, 2020

New Fieldhouse & Soccer Support
UW-La Crosse
La Crosse, WI

Project Number: 15I2I

For the: University of Wisconsin

Project Manager: Beth Alderman

Architect/Engineer: HSR Associates, Inc.
La Crosse, WI

1. Project Description:

This project will construct a new fieldhouse and a new soccer support facility. The new fieldhouse will include a 200 meter, eight-lane NCAA competition indoor track. The infield would be used for: field events; baseball and softball practice; and intramural and club sporting activities. The fieldhouse will also have space for a minimum of 1,500 spectators. The second level of the track area will have a walking/jogging track and provide access for academic lab work in the Exercise and Sports Fitness program. The south end of the fieldhouse will have service space including: men's and women's team locker rooms and showers; a team meeting room; multipurpose rooms; a training room; one office suite; and equipment storage for athletics, exercise, sports science, and recreation. The soccer support facility will include team rooms, a press box, restrooms, equipment storage area, and an official's room.

2. Authorized Budget and Funding Source:

This project was enumerated in 2019 Wisconsin Act 9 for $49,035,000 ($24,517,500 PRSB and $24,517,500 PR-CASH).

3. Schedule:

Bid Opening	Aug 2020
Start of Construction	Oct 2020
Substantial Completion / Occupancy	Sep 2022

4. Budget Summary:

Construction	$37,664,300
A/E Fees	$2,045,400
DFDM Mgmt	$1,657,300
Contingency	$3,766,400
Equipment	$3,653,100
Other Fees	$248,500
Total Project Cost	**$49,035,000**

Subcommittee	Full Commission

14. <u>UW-Madison – Babcock Hall Dairy Plant and Center for Dairy Research Addition (Increase)</u> – Request approval to increase the project budget for the Babcock Hall Dairy Plant and Center for Dairy Research Addition project by $25,689,100 ($4,000,000 EX-GFSB, $5,500,000 GIFTS and $16,189,100 PR-CASH) for a revised estimated total cost of $72,609,100 ($26,210,000 GFSB, $23,960,000 GIFTS and $22,439,100 PR-CASH).

    In April 2018, the SBC granted authority to increase the project for the Babcock Hall Dairy Plant and Center for Dairy Research Addition by $12,500,000 ($6,250,000 EX-GFSB and $6,250,000 PR-CASH) for a revised estimated total cost of $46,920,000 ($22,210,000 GFSB, $18,460,000 GIFTS and $6,250,000 PR-CASH).

    In December 2015, the SBC granted authority to: a) approve the Design Report; b) demolish the Science House; c) increase the project budget by $2,500,000 GIFTS; and d) construct the Babcock Hall Dairy Plant Addition for an estimated total cost of $34,420,000 ($15,960,000 GFSB and $18,460,000 GIFTS).

    This project was enumerated in 2013 Wisconsin Act 20 for $31,920,000 ($15,960,000 GFSB and $15,960,000 GIFTS).

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #14

AGENCY: University of Wisconsin

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: UW-Madison, Dane County

PROJECT REQUEST: Request approval to increase the project budget for the Babcock Hall Dairy Plant and Center for Dairy Research Addition project by $25,689,100 ($4,000,000 EX-GFSB, $5,500,000 GIFTS and $16,189,100 PR-CASH) for a revised estimated total cost of $72,609,100 ($26,210,000 GFSB, $23,960,000 GIFTS and $22,439,100 PR-CASH).

PROJECT NUMBER: 13A2U

PROJECT DESCRIPTION:
This project will construct a three-story addition and remodel portions of Babcock Hall to house the Center for Dairy Research (CDR). The project will demolish 2,770 GSF of space within Babcock Hall, demolish the 3,200 GSF Science House, construct an approximately 48,569 GSF addition to the west of the existing building, and renovate approximately 28,905 GSF of space in the existing building. The renovation and addition will provide a state-of-the-art production, teaching, and research facility for both the Department of Food Science Dairy Plant and the Center for Dairy Research.

PROJECT JUSTIFICATION:
The project will address infrastructure deficiencies and functional issues within the Dairy Plant, as well as provide additional research and instructional space to serve the expanding programs within the CDR. This project will provide a much-needed modernization of the 1950s era research and processing facility, which has not been renovated since its original construction. The facility no longer meets current health code standards and regulations for dairy plant construction and operation. This non-compliance puts the plant in danger of being closed by regulators in the near future, if deficiencies are not corrected.

There are also functional problems that compromise health and safety. Currently, the raw milk storage tanks and processing equipment are on the open floor. Modern standards of dairy plant design require storage tanks to be physically separated to minimize the risk of pathogenic bacteria from the raw milk cross-contaminating finished dairy products and causing consumer illness and potential product recalls. There currently is no ability to separate research projects from the consumer product manufacturing area, which therefore also poses the potential risk for cross-contamination. Plant security is also an issue with too many poorly secured access points. The work area for accommodating short course participants is unsafe due to crowded conditions as well as exposure to steam lines, corroded electrical outlets, and chemicals.

In April of 2018, after construction bids were received, the project budget was increased to account for the complexities and highly specialized scope for this project, while recognizing that portions of the design were not yet complete. The project proceeded with an allowance for specialized processing equipment (dairy equipment, piping, and automation controls) while the remaining design work was completed.

The Babcock Dairy and Center for Dairy Research building is a one of a kind, state of the art facility with no comparable equal in academic settings. Given the unique nature of the facility with its customized processing equipment, control systems and utility services, it required a customized delivery method with a specialized contractor during construction. The project was released for bidding before all the customized equipment as well as some of the donated equipment, provided by university partners, was fully documented. It is now estimated that there are more than 400 pieces of process equipment and associated piping and control systems. Therefore, as the processing equipment will be acquired during construction, utility locations, electrical service, hub drains and other facility changes will be undertaken as the design of the equipment is finalized. Unfortunately, since not all the specialized equipment and design elements were known before the project began construction the construction contract documents and the budget require updates for the finalized customized equipment and associated systems.

Additional experts in dairy processing equipment have been retained to work closely with researchers and dairy pilot plant staff to complete the definition and design of the customized equipment to ensure a fully functional academic and research facility. This increase will allow the project team to finish construction of the specialized equipment space in the new addition and to replenish the contingency to accommodate any future unforeseen conditions when the renovation of the dairy plant commences later in the year.

BUDGET/SCHEDULE:

Construction	$60,906,800
Design	$5,132,200
DFDM Mgt	$0
Contingency	$4,426,200
Equipment	$2,143,900
TOTAL	**$72,609,100**

SBC Approval	Feb 2020
A/E Selection	Nov 2013
Design Report	Dec 2015
Bid Opening	Mar 2018
Start Construction	May 2018
Substantial Completion	Jan 2022
Final Completion	May 2022

PREVIOUS ACTION: In April 2018, the SBC granted authority to increase the project for the Babcock Hall Dairy Plant and Center for Dairy Research Addition by $12,500,000 ($6,250,000 EX-GFSB and $6,250,000 PR-CASH) for a revised estimated total cost of $46,920,000 ($22,210,000 GFSB, $18,460,000 GIFTS and $6,250,000 PR-CASH).

In December 2015, the SBC granted authority to: a) approve the Design Report; b) demolish the Science House; c) increase the project budget by $2,500,000 GIFTS; and d) construct the Babcock Hall Dairy Plant Addition for an estimated total cost of $34,420,000 ($15,960,000 GFSB and $18,460,000 GIFTS).

This project was enumerated in 2013 Wisconsin Act 20 for $31,920,000 ($15,960,000 GFSB and $15,960,000 GIFTS).

Subcommittee	Full Commission

15. <u>UW-Madison – Meat Science and Muscle Biology Laboratory (Increase)</u> – Request authority to increase the project budget for the Meat Science and Muscle Biology Laboratory project by $7,000,000 ($2,800,000 EX-GFSB, $2,000,000 GIFTS and $2,200,000 PR-CASH) for a revised estimated total cost of $57,077,000 ($27,177,000 GFSB, $25,400,000 GIFTS, and $4,500,000 PR-CASH).

    In April 2018, the SBC granted authority to increase the project budget by $3,700,000 ($1,500,000 GFSB and $2,200,000 PR-CASH) for a revised estimated total cost of $50,077,000 ($24,377,000 GFSB, $23,400,000 GIFTS, and $2,300,000 PR-CASH).

    In October 2016, administrative increase of $100,000 PR-CASH and $500,000 GIFTS per SBC Policy and Procedures Section II. General Policies subs. N and O; for an estimated cost of $46,377,000 ($22,877,000 GFSB, $23,500,000 GIFTS, and $100,000 PR-CASH).

    In February 2016, the SBC granted authority to: a) approve the Design Report; b) demolish the Seed Building; c) increase the project budget by $2,900,000 GIFTS; and d) construct the Meat Science and Muscle Biology Laboratory project for a revised estimated total cost of $45,777,000 ($22,877,000 GFSB and $22,900,000 GIFTS).

    This project was enumerated in 2013 Wisconsin Act 20 for $42,877,000 ($22,877,000 GFSB and $20,000,000 GIFTS).

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #15

AGENCY: University of Wisconsin

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: UW-Madison, Dane County

PROJECT REQUEST: Request authority to increase the project budget for the Meat Science and Muscle Biology Laboratory project by $7,000,000 ($2,800,000 EX-GFSB, $2,000,000 GIFTS and $2,200,000 PR-CASH) for a revised estimated total cost of $57,077,000 ($27,177,000 GFSB, $25,400,000 GIFTS, and $4,500,000 PR-CASH).

PROJECT NUMBER: 13I2Y

PROJECT DESCRIPTION:
This project constructs a new 67,540 GSF building for the Meat Science program at UW-Madison. The new facility will house a meat laboratory, lecture/demonstration suite, BSL2 laboratory suite, teaching and research laboratories as well as office and support spaces. It will also demolish the 17,750 GSF Seed Facility.

PROJECT JUSTIFICATION:
Wisconsin's meat industry contributes $12 billion to the state's economy, provides 88,000 rural and urban jobs, and pays $450 million in state and local taxes. For nearly 70 years, the UW-Madison Meat Science and Muscle Biology program has conducted scientific research that has improved meat quality and food safety.

The existing building was built in 1931 and an addition was constructed in 1959. Since then, it has had only minor capital improvements to keep the lab operational. The users of the current building attempt to function with pre-1950s era workspaces. These facilities no longer meet federal or the Department of Agriculture, Trade and Consumer Protection (DATCP) meat handling and processing standards.

The new building will provide state-of-the-art animal handling, processing, demonstration, and research capabilities that do not exist in the current laboratory. A BSL-2 laboratory suite will allow opportunities to partner with state and national meat companies to test methods for elimination of pathogens under full commercial conditions.

In addition, the new building will enhance training capabilities. DATCP has expressed an interest in using this facility to train its inspectors. This facility will provide a single site at which the full range of training can occur. Since food safety regulations are continually updated, the proximity of this facility to DATCP facilitates a high-quality training program for inspectors.

Construction of this project began in January of 2017. During the site excavation stage of the project, unforeseen conditions occurred on the jobsite. During excavation a large amount of below-grade contaminated soils were discovered that were unknown at the time of bidding. This excavation revealed that cinders from an old coal-fired plant dating back a century or more were extensively used as fill. It was determined that these soils were unsuitable for structural bearing for the new facility and therefore had to be removed to certified landfills and new structural soil needed to be installed.

The new meat science building will be a one of a kind facility that will serve academic and research needs as well as provide a site for training food inspectors. Typically, meat science industry buildings are designed to accommodate one animal type only, for instance, poultry or beef. However, this facility is unique as it's built to accommodate multiple animal types. Therefore, in order to work with poultry, pork or beef necessitates customized equipment that can be adjusted to facilitate differing size and weight meat types. These unique large equipment items required customized design and fabrication since construction began in Spring 2017. It was also discovered that the specialized equipment required modification to the original design of the base building in order to meet the vision. In addition, ongoing coordination with recently donated equipment during construction has necessitated building changes to floor drains, overhead doors and other building and utility systems. This budget increase will facilitate acceptance of donated equipment and allow final modification to the building to accept custom designed and fabricated equipment to meet the mission of the new facility and the meat industry.

BUDGET/SCHEDULE:

Construction	$48,725,200
Design	$4,743,000
DFDM Mgt	$1,975,400
Contingency	$657,700
Equipment	$975,700
TOTAL	**$57,077,000**

SBC Approval	Feb 2020
A/E Selection	Jan 2013
Design Report	Feb 2016
Bid Opening	Sept 2016
Start Construction	Dec 2016
Substantial Completion	Aug 2020
Final Completion	Dec 2020

PREVIOUS ACTION: In April 2018, the SBC granted authority to increase the project budget by $3,700,000 ($1,500,000 GFSB and $2,200,000 PR-CASH) for a revised estimated total cost of $50,077,000 ($24,377,000 GFSB, $23,400,000 GIFTS, and $2,300,000 PR-CASH).

In October 2016, administrative increase of $100,000 PR-CASH and $500,000 GIFTS per SBC Policy and Procedures Section II. General Policies subs. N and O; for an estimated cost of $46,377,000 ($22,877,000 GFSB, $23,400,000 GIFTS, and $100,000 PR-CASH).

In February 2016, the SBC granted authority to: a) approve the Design Report; b) demolish the Seed Building; c) increase the project budget by $2,900,000 GIFTS; and d) construct the Meat Science and Muscle Biology Laboratory project for a revised estimated total cost of $45,777,000 ($22,877,000 GFSB and $22,900,000 GIFTS).

This project was enumerated in 2013 Wisconsin Act 20 for $42,877,000 ($22,877,000 GFSB and $20,000,000 GIFTS).

Subcommittee	Full Commission

16. <u>UW-Madison – Sellery Hall Addition and Renovation</u> – Request the following:
    a) Approve the Design Report; and
    b) Authority to construct the Sellery Hall Addition and Renovation for an estimated total cost of $78,811,000 ($59,108,000 PRSB and $19,703,000 PR-CASH).

    This project was enumerated in 2019 Wisconsin Act 9 for $78,811,000 ($59,108,000 PRSB and $19,703,000 PR-CASH).

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #16

AGENCY: University of Wisconsin

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: UW-Madison, Dane County

PROJECT REQUEST: Request the following:

a) Approve the Design Report; and
b) Authority to construct the Sellery Hall Addition and Renovation for an estimated total cost of $78,811,000 ($59,108,000 PRSB and $19,703,000 PR-CASH).

PROJECT NUMBER: 19G3A

PROJECT DESCRIPTION:
This project renovates the Sellery Hall student residence to provide programmatic and infrastructure upgrades that will improve functionality, efficiency, and building code compliance. It also constructs one additional floors to provide space for approximately 125 new beds, an addition to provide a new accessible building entrance and circulation stairs, improved and expanded common spaces (lounges/study space, kitchenettes, and restrooms), and consolidate mechanical equipment and the location of passenger elevators.

The central building core, first floor, and basement area will be renovated and expanded to accommodate five new passenger elevators and common spaces. All mechanical, electrical, and plumbing systems and associated controls; telecommunications; and security and life safety systems will be replaced. The HVAC system will be improved by installing new individual room temperature controls and providing centralized cooling service throughout the facility. Student resident room architectural finishes, doors, and door hardware will be replaced. The first floor, basement, and common circulation corridors and stairwells will receive select upgrades, including architectural finishes and lighting. Accessibility improvements will be made inside and outside the building, including those to improve the move-in and-out activities. The first floor and basement level classrooms, resident life, and office spaces will be renovated, and two new apartments for on-site managers will be provided.

A new main entrance onto the East Campus Mall will be constructed and the West Johnson Street entrance, adjacent lobby, and Residence Life office suite will be renovated. All exterior areas of the facility will be regraded and landscaped. The loading dock area originally included a new wall screen, however that will be removed from this project and completed as a separate project after utility work in the adjacent area is complete.

PROJECT JUSTIFICATION:
Sellery Hall (230,408 GSF) was constructed in 1961. It is composed of two wings and nine floors and houses first-year students and returning second-year students. The renovation of Sellery Hall is an integral component of the Division of University Housing Master Plan that addresses deficiencies in the residence halls and makes improvements to meet future student needs. Improvements to the building will make it safer, more efficient, and reduce overall maintenance costs. All windows and HVAC systems are original to the 1961 building and beyond their normal service life. Resident floor bathrooms have received periodic fixture upgrades, but the domestic water supply piping has not been replaced and the configurations do not meet current code or functional requirements. Common area finishes are in need of upgrades to be consistent with the core area renovations, as well as improved lighting and acoustics. The elevator systems, two cars per tower, are inadequate for the number of staff and residents. This project will provide a new three-car elevator tower to be constructed at the building perimeter.

This configuration will provide faster, reliable service, and allow the previous core elevator area on each floor to be converted to other functional space. This increased functional space on each floor will allow the addition of kitchen and study spaces and reconfiguration of the bathrooms and floor lounges. Because resident rooms are relatively small, there is a need for appropriate shared areas to congregate and study. Each residential floor has a single den that does not support multiple activities and limits availability of programing/study space. The main entrance to Sellery Hall is now considered to be on the East Campus Mall due to the development of the Gordon Dining Facility and University Square. Creating a new main entrance and lobby at this location will align the building with the overall Campus Master Plan and pedestrian circulation.

BUDGET/SCHEDULE:

Construction	$64,657,600
Design	$3,657,500
DFDM Mgt.	$2,865,300
Contingency	$6,973,600
Other Fees	$657,000
TOTAL	**$78,811,000**

SBC Approval	Feb 2020
A/E Selection	Oct 2014
Design Report	Feb 2020
Bid Opening	May 2020
Start Construction	Jul 2020
Substantial Completion	Aug 2023
Final Completion	Mar 2024

PREVIOUS ACTION: This project was enumerated in 2019 Wisconsin Act 9 for $78,811,000 ($59,108,000 PRSB and $19,703,000 PR-CASH).

DESIGN REPORT

DIVISION OF FACILITIES DEVELOPMENT AND MANAGEMENT
101 East Wilson Street, 7th Floor
Post Office Box 7866
Madison, WI 53707

February 27, 2020

Sellery Hall Addition & Renovation
UW-Madison
Madison, WI

Project Number: 19G3A

For the: University of Wisconsin

Project Manager: Wendy von Below

Architect/Engineer: Uihlein/Wilson-Ramlow/Stein Architects, Inc.
Milwaukee, WI

1. Project Description:

This project adds one additional floor for student housing, new mechanical systems and the complete remodel of the interior structure and infrastructure while the facility is occupied by students during the semester(s) throughout the construction. The remodel will take place after the completion of the new floor with the floors then being remodeled one at a time. Once the construction is accepted, the students from the floor below will move into this space and construction will occur on that recently vacated floor.

The project will replace the heating, plumbing, electrical, fire alarm, and security systems. Other items that will be replaced/updated include the elevators, doors, windows, utilities, emergency generators, fire pumps and will modify the fire sprinkler system. The project will address life safety and ADA access upgrades that need to occur and incorporate needs based on inside and outside the building move-in and move-out planning.

The lower level and first floor resident life, classroom and office space will be remodeled. Three apartments for on-site managers will be provided. The project consolidates new elevators, key mechanical equipment, accessible resident entry, and resident life space, into a new connecting tower and adds an 11th floor to offset bed count loss that results from creating code compliant bathrooms, mechanical chases, and meeting University Housing House Fellow Requirements. The link and 11th floor addition permits the project to be undertaken and for the building to be continuously occupied during the academic year(s).

2. Authorized Budget and Funding Source:

This project was enumerated by 2019 Wisconsin Act 9 at $78,811,000($59,108,000 PRSB and $19,703,000 PR-CASH).

3. Schedule:

Bid Opening	May 2020
Start of Construction	Jul 2020
Substantial Completion / Occupancy	Aug 2023

4. Budget Summary:

Construction	$64,657,600
A/E Fees	$3,657,500
DFDM Management	$2,865,300
Contingency	$6,973,600
Other Fees	$657,000
Total Project Cost	**$78,811,000**

Subcommittee	Full Commission

17. <u>UW-Milwaukee – Northwest Quadrant Renovation Phase 2</u> – Request the following:
    a) Authority to demolish Building A;
    b) Authority to increase the project budget by $3,100,000 ($2,300,000 EX-GFSB and $800,000 PR-CASH); and
    c) Authority to combine and construct the Northwest Quadrant Student Health Services Remodel and Northwest Quadrant Renovation Phase 2 and approve the Design Report for an estimated cost of $43,774,000 ($31,426,000 GFSB, $2,300,000 EX-GFSB, $7,000,000 PRSB, $2,180,000 GIFTS, and $868,000 PR-CASH) resulting in a revised estimated total project cost of $59,780,000 ($49,100,000 GFSB, $7,000,000 PRSB, $1,500,000 PR-CASH, and $2,180,000 GIFTS).

    In August 2018, the SBC approved the Design Report for Phase I and granted authority to construct the Northwest Quadrant Phase 1 Exterior Renovation project for an estimated total cost of $16,006,000 ($15,374,000 GFSB and $632,000 PR-CASH).

    In October 2017, the SBC approved the release of $1,700,000 ($1,068,000 BTF-Planning and $632,000 PR-CASH) to prepare preliminary plans and a Design Report for the Northwest Quadrant and Student Health Services Renovation project.

    The Northwest Quadrant Renovation project was enumerated in 2017 Wisconsin Act 59 for $52,180,000 ($46,800,000 GFSB, $3,200,000 EX-PRSB, and $2,180,000 GIFTS).

    The Northwest Quadrant Student Health Services Remodel project was enumerated in 2013 Wisconsin Act 20 for $11,066,000 PRSB.

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #17

AGENCY: University of Wisconsin

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: UW-Milwaukee, Milwaukee County

PROJECT REQUEST: Request the following:

a) Authority to demolish Building A;
b) Authority to increase the project budget by $3,100,000 ($2,300,000 EX-GFSB and $800,000 PR-CASH); and
c) Authority to combine and construct the Northwest Quadrant Student Health Services Remodel and Northwest Quadrant Renovation Phase 2 and approve the Design Report for an estimated cost of $43,774,000 ($31,426,000 GFSB, $2,300,000 EX-GFSB, $7,000,000 PRSB, $2,180,000 GIFTS, and $868,000 PR-CASH) resulting in a revised estimated total project cost of $59,780,000 ($49,100,000 GFSB, $7,000,000 PRSB, $1,500,000 PR-CASH, and $2,180,000 GIFTS).

PROJECT NUMBER: 17B1O

PROJECT DESCRIPTION:
This project will address critical life safety and building code upgrades. Remodeled areas will address campus space needs for the College of Nursing and current Northwest Quadrant (NWQ) occupants, specifically those of the School of Information Sciences and Student Health Services in the former Columbia/St. Mary's hospital complex. The complex has seven facilities (named Buildings A through G). This project includes work in A, B, C, and D.

The Student Health Services Remodeling component will renovate approximately 25,830 GSF of space on the 7th and 8th floors of Building D. The new facility will replace 14,180 GSF of the Norris Health Center, which will eventually be demolished in accordance with the campus master plan.

This phase will provide infrastructure upgrades for the entirety of Buildings C and D to resolve life safety and building code issues. Comprehensive renovation of the 3rd floor of Building C for a Nursing Simulation Center (23,620 GSF), the 7th and 8th floors of Building D for Student Health Services (25,830 GSF), and the 2nd and 3rd floor of Building D for the School of Information Studies (24,830 GSF) will occur. It will also demolish Building A (219,190 GSF).

PROJECT JUSTIFICATION:
This project is needed to address critical life safety and building code upgrades. Changes are required to bring the buildings, which were constructed between 1919 and 1993, into compliance

with building codes and the appropriate business occupancy. The most significant issue to be corrected is the lack of a fully automatic fire sprinkler system throughout the complex. Fire separations, egress lighting, and elevators also need to be updated.

The MEP and fire protection systems are past their useful lives, energy inefficient, and in need of replacement in Building B. Infrastructure systems in Buildings C and D are more recent and in better condition, but require modest renovations to the mechanical, electrical, and plumbing systems to extend their usability for the next 20 to 30 years. Basic infrastructure work is required before functional renovations can be completed. In the fall of 2016, the exterior envelope of Building D showed signs of imminent failure and had to be replaced in its entirety.

Building A is obsolete and would require a significant investment to renovate that is not economical compared to the construction of new space. The cost to upgrade to current building and energy codes is extensive. The campus has identified space shortages in the Health Sciences and does not need any more office or residence hall space which are the only uses that would be efficient in Building A with the existing column spacing. The building has structural bay spacing and floor to floor height limitations for laboratories along with inadequate floor loading capacity as required by current building codes.

Student Health Services has been located in the 14,180 GSF Norris Health Center for approximately 50 years, since its acquisition with the Milwaukee-Downer College purchase. It was built in 1961 to house student health and nursing for Milwaukee-Downer College, and later, UWM, when the headcount was 8,713. Increases in student enrollment and changes in clinical and mental health care brought growth of staffing, needs for confidential workspace, and the need for education workspace. The Health Center sees 30,000 - 35,000 students per year, about 75% of all students. With peak visits at 200 per day, or 25 visits per hour, the current space can only service the most basic needs of students.

The Student Health Services Remodel project was enumerated in 2013, but could not proceed until life safety, building code, and infrastructure upgrades and repairs for the complex are complete. It was combined with the Northwest Quadrant Renovation project enumerated in 2017 for A/E selection and overall project coordination.

Phase 1 was authorized in August 2018. It includes the repair of the exterior envelope (walls, doors and windows) and roof repairs for Buildings B and C, the recladding of Building D, and an emergency generator for the complex.

BUDGET/SCHEDULE:

Construction	$32,293,900
Design	$2,518,700
DFDM Mgt	$1,435,300
Contingency	$3,586,700
Equipment	$3,939,400
TOTAL	**$43,774,000**

SBC Approval	Feb 2020
A/E Selection	Jan 2017
Design Report	Oct 2019
Bid Opening	Aug 2020
Start Construction	Oct 2020
Substantial Completion	Dec 2021
Final Completion	Jul 2022

PREVIOUS ACTION: In August 2018, the SBC approved the Design Report for Phase I and granted authority to construct the Northwest Quadrant Phase 1 Exterior Renovation project for an estimated total cost of $16,006,000 ($15,374,000 GFSB and $632,000 PR-CASH).

In October 2017, the SBC approved the release of $1,700,000 ($1,068,000 BTF-Planning and $632,000 PR-CASH) to prepare preliminary plans and a Design Report for the Northwest Quadrant and Student Health Services Renovation project.

The Northwest Quadrant Renovation project was enumerated in 2017 Wisconsin Act 59 for $52,180,000 ($46,800,000 GFSB, $3,200,000 EX-PRSB, and $2,180,000 GIFTS).

The Northwest Quadrant Student Health Services Remodel project was enumerated in 2013 Wisconsin Act 20 for $11,066,000 PRSB.

DESIGN REPORT

DIVISION OF FACILITIES DEVELOPMENT

AND MANAGEMENT
101 East Wilson Street, 7th Floor
Post Office Box 7866
Madison, WI 53707

February 27, 2020

Northwest Quadrant Renovation & Student Health Services
Remodel Northwest Quadrant / Milwaukee Campus
City of Milwaukee

Project Number: 17B1O-02

For the: University of Wisconsin

Project Manager: David Hoffman

Architect/Engineer: Kahler Slater
Milwaukee, WI
414-272-2000

1. Project Description:

The Northwest Quadrant (NWQ) is comprised of seven facilities named Building A through Building G. This project phase completes the following discrete projects: 1) Major building and life safety code and repair infrastructure upgrades for Buildings C and D, 2) Comprehensive renovation of Building D 7th and 8th floor for Student Health Services (25,830 GSF), 3) Comprehensive renovation of Building C 3rd floor for College of Nursing Simulation Center (23,620 GSF), 4) Comprehensive renovation of Building D 2nd and 3rd floor for School of Information Studies (SOIS) (24,830 GSF), 5) Minor infrastructure, fire protection and architectural repairs for Building B, and 6) Demolish Building A (219,190 GSF).

2. Authorized Budget and Funding Source:

NWQ Renovation Enumerated in 2017 Wisconsin Act 59 $52,180,000 ($46,800,000 GSFB, $3,200,000 Existing PRSB, $2,180,000 Gifts/Grants).

NWQ Student Health Services Remodel Enumerated in 2013 Wisconsin Act 20 for $11,066,000 PRSB

3. Schedule:

Bid Opening:	August 2020
Start of Construction:	October 2020
Substantial Completion / Occupancy:	December 2021

4. Budget Summary:

	Phase 1 (as SBC Approved)	**Phase 2 Per Design**	**Total Project**
Construction:	$ 10,500,000	$ 32,293,900	$ 42,793,900
A/E Fees:	$ 3,180,000	$ 2,518,700	$ 5,698,700
DFD Mgmt:	$ 462,000	$ 1,435,300	$ 1,897,300
Contingency:	$ 1,050,000	$ 3,586,700	$ 4,636,700
Equipment:	$ -	$ 3,939,400	$ 3,939,400
Other Fees	$ 814,000	$ -	$ 814,000
Total Project Cost:	**$ 16,006,000**	**$ 43,774,000**	**$ 59,780,000**

Subcommittee	Full Commission

18. <u>UW-System – Classroom Renovation/Instructional Technology</u> – Request the following:
    a) Authority to release an additional $2,051,300 GFSB of the $10,000,000 GFSB allocation of the 2017-19 Classroom Renovation/Instructional Technology Improvement Program enumeration;
    b) Authority to increase the program budget by $450,000 PR-CASH;
    c) Authority to construct the related project at an estimated total cost of $2,501,300; and
    d) Permit the Division of Facilities Development and Management to adjust individual project budgets.

    In October 2019, the SBC released $2,160,000 GFSB of the $10,000,000 GFSB enumerated in 2017 Wisconsin Act 59 to construct various campus projects that are a part of this program.

    In August 2019, the SBC released $1,672,000 GFSB of the $10,000,000 GFSB enumerated in 2017 Wisconsin Act 59 to construct various campus projects that are a part of this program.

    In June 2019, the SBC released $4,116,700 GFSB of the $10,000,000 GFSB enumerated in 2017 Wisconsin Act 59 and authorized the use of $117,300 PR-CASH to construct various campus projects that are a part of this program.

    This project is a subset of the UW System Classroom Renovations/Instructional Technology Improvements enumeration of $10,000,000 GFSB in 2017 Wisconsin Act 59.

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #18

AGENCY: University of Wisconsin System

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: UW System, Statewide

PROJECT REQUEST: Requests the following:

a) Authority to release an additional $2,051,300 GFSB of the $10,000,000 GFSB allocation of the 2017-19 Classroom Renovation/Instructional Technology Improvement Program enumeration;
b) Authority to increase the program budget by $450,000 PR-CASH;
c) Authority to construct the related project for an estimated total cost of $2,501,300; and
d) Permit the Division of Facilities Development and Management to adjust individual project budgets.

Classroom Renovation/Instructional Technology				
LOCATION	**PROJ. NO.**	**GFSB**	**PR-CASH**	**TOTAL**
UW-Parkside (Kenosha Co.)	18H1Y	$2,051,300	$450,000	$2,501,300
Classroom Renovation/Instructional Technology Total		**$2,051,300**	**$450,000**	**$2,501,300**

UW-Parkside – Greenquist Hall Instructional Space Renovation (18H1Y):

Project Description and Justification:
This project will remodel an existing instructional lab (Room 220) that is underutilized and defunct to support modern teaching pedagogy and provide a state-of-the-art active learning classroom. In addition, this project remodels an existing science instructional lab (Room 370) to provide a modern state-of-the-art instructional lab to address infrastructure and configuration deficiencies and safety concerns that allow for an increase in student recruitment and retention. This project is guided by the results and successes of the 2013-15 Chemistry Laboratory project.

A partnership with UW-Milwaukee's College of Nursing has provided an access program for prospective nursing students across southeastern Wisconsin since 1980. This collaborative program is instrumental to meet increased workforce demands for nurses by leveraging available resources between the two institutions. This project will address lagging pedagogical resources on the UW-Parkside campus, provide an interactive, state-of-the-art active learning classroom for the Parkside program, and allow a seamless transition for students who attend instructional sessions at both institutions. UW-Milwaukee's College of Nursing introduced this pedagogical environment with the opening of Cunningham Hall's 25-seat active learning classroom in spring 2016 and expanded the program to a second 109-seat active learning classroom with the opening of

Cunningham 107 in fall of 2017. This project will provide UW-Parkside's Nursing Program with a similarly equipped and functioning 48-seat active learning classroom that allows seamless interactive learning opportunities for students.

The existing analytical science space located in Greenquist Hall Room 370 is outdated, has inadequate utilities and infrastructure to support modern instrumentation, contains broken and damaged cabinetry and bench tops, and is poorly configured. Further, the space is not conducive to collaborative work, which is now central to UW-Parkside's science curriculum. The need to support changed pedagogy, increase student engagement and retention, and provide support for interdisciplinary utilization, has led to UW-Parkside's request for support of a renovation project designed to have a 10-year or greater life span that will retain current students, attract new students, and support future growth in the science curriculum. In view of the likelihood that UW-Parkside will have a significant waiting period before the campus would be considered for a new science building, this project is being proposed at a logical juncture in the timeline for continued renovation and improvement of the university's science facilities. Further, the space proposed will be designed to utilize the space more efficiently and increase capacity from 16 to 24, while providing improved conditions that support interactive group instruction. This proposal is also in alignment with UW-Parkside's academic plan, program priorities, and strategic plan.

This project is the last request for the $10,000,000 GFSB enumerated in 2017 Wisconsin Act 59 to construct various campus projects within the 2017-19 Classroom Renovation/Instructional Technology Improvement Program.

Budget/Schedule:

Construction	$1,555,300
Design	$208,600
DFDM Mgt	$68,000
Contingency	$142,700
Equipment	$525,300
Other Fees	$1,400
TOTAL	**$2,501,300**

SBC Approval	Feb 2020
A/E Selection	Sep 2018
Bid Opening	Aug 2020
Start Construction	Oct 2020
Substantial Completion	Jul 2021
Final Completion	Oct 2021

Previous Action: In October 2019, the SBC released $2,160,000 GFSB of the $10,000,000 GFSB enumerated in 2017 Wisconsin Act 59 to construct various campus projects that are a part of this program.

In August 2019, the SBC released $1,672,000 GFSB of the $10,000,000 GFSB enumerated in 2017 Wisconsin Act 59 to construct various campus projects that are a part of this program.

In June 2019, the SBC released $4,116,700 GFSB of the $10,000,000 GFSB enumerated in 2017 Wisconsin Act 59 and authorized the use of $117,300 PR-CASH to construct various campus projects that are a part of this program.

This project is a subset of the UW System Classroom Renovations/Instructional Technology Improvements enumeration of $10,000,000 GFSB in 2017 Wisconsin Act 59.

Subcommittee	Full Commission

19. UW-System – Various All Agency Projects – Request the following:
    a) Authority to construct various All Agency maintenance and repair projects for an estimated total cost of $25,161,700 ($21,472,800 GFSB, $2,749,100 PRSB, and $939,800 PR-CASH);
    b) Transfer all approved GFSB All Agency Allocations to the UW Infrastructure Maintenance appropriation; and
    c) Permit the Division of Facilities Development and Management to adjust individual project budgets.

Facility Maintenance and Repair		**$13,052,300**
MIL	Engineering, Math, Science Lab Reno ($2,990,000 GFSB)	$2,990,000
MIL	Purin Hall Infrastructure Repairs ($325,000 PRSB)	$325,000
MIL	Zelazo Center Roof Repairs and Repl ($930,000 GFSB)	$930,000
PKS	Sports & Activity Ctr Pool Basin Infill ($1,764,600 GFSB)	$1,764,600
PLT	Art Building Exterior Envelope Repairs ($2,424,400 GFSB)	$2,424,400
PLT	Williams Fieldhouse Roof 3-6 Repl ($1,378,300 GFSB)	$1,378,300
STO	Multi-Building Fire Alarm System Repl ($2,045,000 GFSB)	$2,045,000
WTW	Esker Hall Roof Replacement ($1,195,000 PRSB)	$1,195,000
Utility Repair and Renovation		**$12,109,400**
EAU	Heating Plant Fuel Reliability Upgr (Incr) ($1,057,400 GFSB)	$1,057,400
MIL	Campus IT Infrastructure Reno ($3,748,000 GFSB; $1,057,100 PRSB)	$4,805,100
MIL	Heating Plant Stack Repl ($410,300 GFSB; $115,700 PRSB)	$526,000
PKS	Campus Underground Utility Dist Reno ($4,023,300 GFSB; $824,100 PR-CASH)	$4,847,400
RVF	Heating Plant Fuel Reliability Upgr (Incr) ($473,500 GFSB)	$473,500
WTW	Heating Plant Boiler 6 Upgrade ($228,000 GFSB; $172,000 PRSB)	$400,000

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #19

AGENCY: University of Wisconsin System

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: UW System, Statewide

PROJECT REQUEST: Request the following:

a) Authority to construct various All Agency maintenance and repair projects for an estimated total cost of $25,161,700 ($21,472,800 GFSB, $2,749,100 PRSB, and $939,800 PR-CASH);
b) Transfer all approved GFSB All Agency Allocations to the UW Infrastructure Maintenance appropriation; and
c) Permit the Division of Facilities Development and Management to adjust individual project budgets.

FACILITY MAINTENANCE AND REPAIR

INST	PROJ. NO.	PROJECT TITLE	GFSB	PRSB	PR-CASH	TOTAL
MIL	18I2Q	Engineering, Math, Science Lab Renv	$2,990,000	$0	$0	$2,990,000
MIL	19B1C	Purin Hall Infrastructure Repairs	$0	$325,000	$0	$325,000
MIL	18L1Q	Zelazo Center Roof Repairs & Repl	$930,000	$0	$0	$930,000
PKS	18J2F	Sports & Activity Center Pool Basin Infill	$1,764,600	$0	$0	$1,764,600
PLT	18K2J	Art Building Exterior Envelope Repairs	$2,424,400	$0	$0	$2,424,400
PLT	19A3A	Williams Fieldhouse Addition Roof Areas 3-6 Repl	$1,378,300	$0	$0	$1,378,300
STO	18K2K	Multi-Building Fire Alarm System Repl	$2,045,000	$0	$0	$2,045,000
WTW	19C2J	Esker Hall Roof Replacement	$0	$1,195,000	$0	$1,195,000
		FMR SUBTOTALS	$11,532,300	$1,520,000	$0	$13,052,300

UTILITY REPAIR AND RENOVATION

INST	PROJ. NO.	PROJECT TITLE	GFSB	PRSB	PR-CASH	TOTAL
EAU	18I1H	Heating Plant Fuel Reliability Upgrade (Incr.)	$1,057,400	$0	$0	$1,057,400
MIL	18E3E	Campus IT Infrastructure Renovation	$3,748,000	$1,057,100	$0	$4,805,100
MIL	19B2E	Heating Plant Stack Replacements	$410,300	$0	$115,700	$526,000
PKS	18I2R	Campus Underground Utility Dist Renv	$4,023,300	$0	$824,100	$4,847,400
RVF	18I1J	Heating Plant Fuel Reliability Upgrade (Incr.)	$473,500	$0	$0	$473,500
WTW	19B2I	Heating Plant Boiler No. 6 Upgrade	$228,000	$172,000	$0	$400,000
		URR SUBTOTALS	$9,940,500	$1,229,100	$939,800	$12,109,400

	GFSB	PRSB	PR-CASH	TOTAL
FEBRUARY 2020 TOTALS	$21,472,800	$2,749,100	$939,800	$25,161,700

UW-Milwaukee – Engineering, Math, Science Laboratory Renovation (18I2Q):

Project Description and Justification:
This project renovates the laboratory fume hood exhaust and makeup air systems; provides electrical distribution system modifications associated with the mechanical system renovations and improves electrical power quality; and installs new eyewash and safety shower fixtures where required to improve laboratory safety and address known deficiencies. Project work includes demolishing multiple air handling units, one return fan, multiple lab exhaust fans and associated pneumatic controls; installing two variable air volume air handling units, multiple lab exhaust fans with energy recovery system and new direct digital controls; new supply air, return air, and laboratory exhaust ductwork systems on the roof and in the penthouse to support the new HVAC equipment; and new exhaust terminal units for laboratories and fume hoods being connected to the new exhaust fan system. The penthouse unit heaters and controls will be replaced. Chilled water, hot water, low-pressure steam, and low-pressure condensate return services will be extended to feed new the HVAC equipment. Air distribution systems on floors 7-12 will be tested and balanced. New safety showers with tempering valves will be installed. Fume hoods will be replaced with new low flow hoods. Electrical power services will be extended to serve the new equipment. LED lighting will be installed in the penthouse mechanical room. All work will be phased to coordinate with the building occupants.

Engineering & Mathematical Sciences (EMS) was constructed in 1974 and the majority of building infrastructure systems are original. Although it was determined through the southwest quadrant (SWQ) study that the building requires a capital investment nearly equal to a full building replacement to serve its intended function and mission, this proposed scope of work is a critical measure required to continue operations and improve laboratory safety.

The EMS building has severe limitations on make-up air resulting in life safety concerns of air quality and inability to add fume hoods. The mixed-air ventilation systems serving floors 7-12 of the EMS high rise building laboratory space incorporate return air from lab space, which is a life safety concern. The capacity restricted exhaust and make-up air infrastructure has an adverse effect on the College of Engineering and Applied Science programming. The high-flow fume hoods are beyond their life span and further strain the central exhaust system capacity. Converting those fume hoods to low-flow, high-efficiency hoods along with make-up air system modifications will enable this project to add new fume hoods to partially alleviate the current shortage. This project will also set up the ventilation and exhaust infrastructure for future laboratory renovations on the ninth and tenth floors. The new exhaust system and make-up air modifications require basic power infrastructure. The EMS building is lacking eye wash/safety showers in laboratories and other spaces that contain potential chemical or physical hazards. There are approximately 28 locations that require new ADA compliant eyewash/safety showers. In addition to the inadequate number, non-compliance concerns include non-conformance with accessibility requirements, inability to water-temper, unsafe monocular type units, and pathway obstructions.

Budget/Schedule:

Construction	$2,398,000
Design	$246,000
DFDM Mgt	$105,600
Contingency	$240,400
TOTAL	**$2,990,000**

SBC Approval	Feb 2020
A/E Selection	Nov 2018
Bid Opening	Jul 2020
Start Construction	Sep 2020
Substantial Completion	Aug 2021
Final Completion	Dec 2021

Previous Action: None.

UW-Milwaukee – Purin Hall Infrastructure Repairs (19B1C):

Project Description and Justification:
This project resolves urgent repair and life safety requirements for continued use as a residence hall. Project work includes repair or replacement of 26 exterior wall lintels, installing new flashing as required, re-grading the east side perimeter landscaping, and coping and building envelope repairs as necessary.

The Purin Hall Renovation Feasibility Study was completed in January 2018. The result of the study recommended that critical repairs be performed immediately to continue use of the building. It is anticipated that in approximately five years, the building will be abandoned or demolished for a parking lot. The study determined that the building is near the end of its life, and to renovate, repair, or rebuild on the property are not feasible options. The Purin Hall residential facility is comprised of three floors of resident rooms above a grade-level parking garage. It serves approximately 50 students. The building was completed in 1956 as an apartment building and UW-Milwaukee purchased it in 1963. It provides one and two-bedroom, suite style accommodations with a kitchen.

The building envelope is of medium quality construction, typical of 1955 construction techniques. Steel lintels supporting brick and cast stone are in very poor condition and failing from corrosion. Four steel lintels have already failed. Much of the cast stone trim is significantly deteriorating. Grading around the building slopes toward the foundation walls, which is causing their deterioration.

Budget/Schedule:

Construction	$240,500
Design	$46,900
DFDM Mgt	$10,600
Contingency	$24,400
Other Fees	$2,600
TOTAL	**$325,000**

SBC Approval	Feb 2020
A/E Selection	Mar 2019
Bid Opening	May 2020
Start Construction	Jul 2020
Substantial Completion	Sep 2020
Final Completion	Dec 2020

Previous Action: None.

UW-Milwaukee – Zelazo Center Roof Repairs & Replacement (18L1Q):

Project Description and Justification:
This project replaces the built-up roofing sections and repairs the clay tile sections on the Zelazo Center. Project work includes replacement of the built-up roofing on Areas 1, 2, 3, and 7 with a new 60-mil fully adhered Ethylene Propylene Diene Monomer (EPDM) roof membrane; removal, salvage, and re-installation of clay tile on Area 4; and replacement of asphalt shingles on Area 5. The deck will be exposed and inspected to ensure it is clean and free of defects, and new insulation with an average R value equal to 30 will be installed. The roof systems will be tapered to drain areas as needed. The skylight on Area 1 will be covered with a new wooden rafter system with batt insulation and a 24-gauge prefinished double lock standing seam roof panel system. Miscellaneous masonry repairs will be made to the brick chimney and stone cornice. Interior plaster damage will be repaired and finished with modern materials to match adjacent texture inside of the auditorium.

The Zelazo Center for the Performing Arts (constructed in 1922 and acquired by the Board of Regents in 2000), was a former temple and features 760-seat concert hall and multiple spaces within the 207,000 ASF facility that are utilized by the Peck School of Arts, Department of Music. The building has three stories above ground and one story underground.

There are four distinct roof sections and three areas with skylights. The two low-slope roof sections are comprised of panelized gypsum decking, built-up asphalt plies vapor retarder, perlite insulation, and a four-ply built-up gravel-faced roofing. These sections were repaired in 2011. A third low-slope roof section is comprised of panelized gypsum decking, built-up asphalt plies vapor retarder, perlite insulation, and a two-ply built-up poly-urea coated roofing. The fourth roof section is located over the concert hall. This is a roof with a 22-degree pitched roof comprised of gypsum panels, organic felt underlayment with assumed asphalt vapor barrier, and covered with Spanish clay tiles. This section has active leaks and led to recent insurance claims for interior finishes damage. The skylights are located in the ventilated cupola at the top of the peaked roof section, on the east end of the low sloped roof, and in the southeast corner of the south end section. Several roof mounted HVAC systems are present, including four packaged rooftop units, two air-cooled condensing units, two exhaust fans, various roof ventilators, and an intake hood. The parapet wall and roof edge flashing and coping systems are sheet metal with poorly sealed and failed joints. The original Spanish clay tile roofing system is more than 40 years old. These repairs will extend the life of the roof sections and prevent moisture from penetrating the building envelope. Several tiles are broken or missing, the organic felt underlayment has deteriorated and failed in several locations, and during heavy rains, water intrusion inside the building has occurred.

Budget/Schedule:

Construction	$706,000
Design	$85,600
DFDM Mgt	$32,500
Contingency	$105,900
TOTAL	**$930,000**

SBC Approval	Feb 2020
A/E Selection	Jan 2019
Bid Opening	Apr 2020
Start Construction	May 2020
Substantial Completion	Sep 2020
Final Completion	Dec 2020

Previous Action: None.

UW-Parkside – Sports & Activity Center Pool Basin Infill (18J2F):

Project Description and Justification:
This project converts the natatorium into shell space for future reallocation and renovation. Modifications will allow a future project to convert the space into a multi-purpose athletic space suitable for exercise science academics, activity classes, team practice and/or student recreation. In order to complete necessary structural repairs to the pool basin walls, the domestic hot water system will be replaced, a portion of the basement slab on grade will be removed, and the below grade pool basin wall exposed. The pool basin wall concrete will be repaired, and the basement slab restored. All pool equipment, drains, and accessories will be removed. The concrete slab at the deep end of the pool basin will be removed, a drainage base installed, the pool basin infilled, and a new concrete slab on grade installed. All ceramic tile on the pool deck floor will be removed and the floor surface leveled to provide a suitable surface to accept a future athletic turf floor. Entrance alcoves to the locker rooms from the natatorium will be closed and converted to storage. The existing bleachers will be removed. The air handling unit and associate controls serving the space will be replaced and sized to serve the future multi-purpose athletic space utilizing existing steam supply, condensate piping and distribution ductwork. New destratification fans will be installed. All radiation heating units installed along the perimeter walls will be removed. Electrical work will support the above scope. Existing lighting will remain and be modified for occupancy sensors and emergency egress. All storm drain piping from the roof will be replaced.

The natatorium has been out of service since January 2016. Unforeseen conditions encountered during the repair of the pool infrastructure significantly exceeded the approved funding and made it impractical to complete the necessary repairs. The campus has determined that repairing, maintaining, and operating a natatorium is no longer fiscally viable and that the space should be repurposed. Although the natatorium space has been locked down since its closure, the repair work was not completed, leaving the natatorium in a state of disrepair and unsafe for any type of temporary or alternate use. This project will abandon the natatorium use, infill the pool basin, and provide the minimum renovation and repair work necessary to allow the space to be traversed by building occupants and maintenance staff until a future renovation project is planned, scoped, and funded to convert the space into its new permanent use.

Budget/Schedule:

Construction	$1,254,000
Design	$184,400
DFDM Mgt	$60,800
Contingency	$265,400
TOTAL	**$1,764,600**

SBC Approval	Feb 2020
A/E Selection	Dec 2018
Bid Opening	May 2020
Start Construction	Jun 2020
Substantial Completion	Nov 2020
Final Completion	May 2021

Previous Action: None.

UW-Platteville – Art Building Exterior Envelope Repairs (18K2J):

Project Description and Justification:
This project repairs the exterior masonry envelope (including unit masonry and concrete lintels); concrete stairways and ramps along with the associated metal railings; concrete retaining wall; and a basement leak in the Art Building. Project work includes tuckpointing and repair of all exterior wall surfaces, restoration of concrete window lintels to original condition, removal and replacement of failed sealants and expansion joints, restoration and replacement of concrete stairs and ramps along with the associated metal railings, and removal and reconstruction of the concrete retaining wall on the north end of the building. This project will also determine the cause of a basement wall leak and implement a project scope to resolve the issue. The brick between header courses (approximately 90% of the existing brick) at the main entrance will also be replaced.

The Art Building's exterior envelope is failing and requires restoration. A campus-wide exterior envelope assessment completed in 2011 determined the Art Building exterior masonry components are damaged, and repair work is required. Replacement of the north concrete retaining wall is required, as the wall is structurally failing and is an integral part of both the basement level and main floor level north entrance and loading dock area. The basement level of the building is finished space and houses academic lab spaces plus mechanical spaces. The wall water leak results in damaged interior finishes, academic supplies, lab equipment, and building systems.

Budget/Schedule:

Construction	$1,950,000
Design	$222,300
DFDM Mgt	$84,400
Contingency	$157,700
Other Fees	$10,000
TOTAL	**$2,424,400**

SBC Approval	Feb 2020
A/E Selection	Jan 2019
Bid Opening	Mar 2020
Start Construction	May 2020
Substantial Completion	Sep 2020
Final Completion	Dec 2020

Previous Action: None.

UW-Platteville – Williams Fieldhouse Addition Roof Areas 3-6 Replacement (19A3A):

Project Description and Justification:
This project replaces four roof sections on the Williams Fieldhouse. Project work includes replacing the flat ballasted membrane roofing on Area 3, Area 4, Area 5, and Area 6 with new ballasted single-ply roof membrane. Roof insulation will be installed on Areas 4 through 6 to meet current energy code requirements and perimeter wood blocking installed as required to accommodate the increased roof thickness. Metal flashings at roof edges, roof-to-wall transitions, and around mechanical equipment will be replaced with new prefinished metal flashings. A new roof expansion joint will be installed between Areas 5 and 7.

All four roofing sections are original to when Williams Fieldhouse was constructed in 1990. Recent site inspections by the Physical Plant staff determined that these roof sections require

replacement to address current leaking, weathered, worn, and/or damaged sections. These repairs will extend the life of the roof sections and prevent moisture from penetrating the building envelope.

Budget/Schedule:

Construction	$1,122,500
Design	$69,700
DFDM Mgt	$50,400
Contingency	$135,700
TOTAL	**$1,378,300**

SBC Approval	Feb 2020
A/E Selection	Feb 2019
Bid Opening	Mar 2020
Start Construction	May 2020
Substantial Completion	Sep 2020
Final Completion	Dec 2020

Previous Action: None.

UW-Stout – Multi-Building Fire Alarm System Replacement (18K2K):

Project Description and Justification:
This project replaces fire alarm and smoke detection systems in four facilities and upgrades current fire alarm and smoke detection system capabilities to meet applicable building codes and ADA guidelines. Project work includes replacing fire alarm and smoke detection systems in the Bowman Hall, Fryklund Hall, Louis Smith Tainter House, and Vocational Rehabilitation. Project work includes completely removing the existing system and installing a new annunciator panel (except in Vocational Rehabilitation, which had its panel recently replaced), new pull stations, heat and smoke detectors, and new speaker/strobe signal devices as per current and applicable building codes, including ADA guidelines. The new fire alarm systems will be a fully addressable type, with one-way voice capability. The new fire alarm panels will be connected to the campus fire alarm central reporting network.

The fire alarm systems in these buildings are 22-23 years old and they have several inadequacies, including limited audible and visual signals, lack of battery backup systems, and inadequate operating times to allow evacuation of the entire buildings. Replacement parts are difficult to obtain.

Budget/Schedule:

Construction	$1,600,000
Design	$144,000
DFDM Mgt	$73,200
Contingency	$227,800
TOTAL	**$2,045,000**

SBC Approval	Feb 2020
A/E Selection	Jan 2019
Bid Opening	Feb 2020
Start Construction	Jun 2020
Substantial Completion	Aug 2021
Final Completion	Dec 2021

Previous Action: None.

UW-Whitewater – Esker Hall Roof Replacement (19C2J):

Project Description and Justification:
This project replaces all roofing systems for Esker Dining Hall. The project replaces roof coverings and completes all other associated ancillary work to maintain envelope integrity and prevent damage to the building and its contents. Project work includes replacing approximately 41,657 SF of a built-up and aluminum coated roof system with a 60-mil fully adhered Ethylene Propylene Diene Monomer (EPDM) roof system. The roofing systems, flashing, drain assemblies will be removed, properly disposed, and replaced. The deck will be exposed and inspected to ensure it is clean and free of defects, and new insulation with an average R value equal to 30 will be installed. The roof systems will be tapered to drain areas as needed. Roofing area RA1 will also include the installation of a new mechanically attached deck sheathing. Staging areas will be strictly defined and coordinated with the campus to ensure pedestrian safety and underground utilities are protected as roof replacement proceeds. An OSHA compliant fall protection system will also be installed.

The roof was installed in 1986 and consists of three plies of tapered insulation board, a ply of high-density overlay, and a membrane surface layer. An inspection conducted during 2005 discovered the roof has significant bubbling and ridging of membrane and deterioration where the membrane laps onto vertical surfaces. It called for full roof replacement in 2006. Instead, the roof was covered with an aluminum roof coating with the hope that it would extend the existing roof life 15 more years. Now the roof coating is failing, and areas of the roof are leaking and causing damage to ceiling tiles and drywall in areas underneath them. The roof warranty is expired, and the roof is beyond the point of any repair.

Budget/Schedule:

Construction	$985,500
Design	$79,200
DFDM Mgt	$43,000
Contingency	$87,300
TOTAL	**$1,195,000**

SBC Approval	Feb 2020
A/E Selection	May 2019
Bid Opening	Mar 2020
Start Construction	May 2020
Substantial Completion	Jul 2020
Final Completion	Dec 2020

Previous Action: None.

UW-Eau Claire - Central Heating Plant Fuel Reliability Upgrade (Increase) (18I1H):

Project Description and Justification:
This request increases the project budget by $1,057,400 to accept bids received. The recent bids received significantly exceed the authorized budget and this project budget increase is required to complete the originally approved project scope and intent. The budget increase will allow the removal of the baghouse equipment, coal conveyor, and ash removal system as originally intended and previously approved.

Budget/Schedule:

Construction	$3,214,200
Design	$179,800
DFDM Mgt	$141,800
Contingency	$321,400
TOTAL	**$3,857,200**

SBC Approval	Feb 2020
A/E Selection	Nov 2018
Bid Opening	Dec 2019
Start Construction	Mar 2020
Substantial Completion	Apr 2021
Final Completion	Oct 2021

Previous Action: In June 2019, the SBC approved the UW-Eau Claire Central Heating Plant Fuel Reliability Upgrade project for an estimated total cost of $2,799,800 ($1,651,900 GFSB – Utilities Repair and Renovation and $1,147,900 PRSB – Utilities Repair and Renovation).

UW-Milwaukee – Campus Information Technology Infrastructure Renovation (18E3E):

Project Description and Justification:
This project upgrades the campus-wide Information Technology (IT) network infrastructure by installing a new fiber optic backbone to provide additional capacity and improved functionality for the campus network to support modern applications used in instruction and research such as video streaming, distance learning and collaborative research visioning. The project will also deliver a campus network topology that greatly enhances reliability, security, and redundancy for select critical facilities. Project work includes removal and replacement of the aged single connected multimode and single-mode fiber optic cable that is limiting present IT services and communication speeds. New high capacity, high speed (100-Gigabit Ethernet) OS2-type single-mode fiber optic cabling will be installed campus-wide, largely through existing pathways. This project will replace cabling between core buildings acting as central networking nodes (Enderis Hall, Engineering and Mathematical Sciences, Golda Meir Library, and Northwest Quadrant) to create a fully meshed base configuration and then install cabling to each building from the closest core building by campus quadrant. Project work also includes redundant cabling to critical instructional and research buildings needing improved reliability from the second-closest core building. Underground ductbank work includes removal of abandoned and outdated cabling; repairs to existing signal vaults; modification of existing duct bank configurations to remove in-building distribution routes, and new duct bank sections to improve campus pathway connectivity and reliability.

This project delivers information technology modernization for the main campus serving nearly 28,000 students with connected service to 5.5M GSF of buildings in support of collaborative research and educational access, serving the regional populace of over 2 million and 5.6 million statewide. UW-Milwaukee provides instruction and research in development of talent and a workforce that is vital to the State economy, including eight Fortune 500 companies, six within the southeast region of the State. Information Technology is a critical elemental necessity for modern instruction and research across the campus.
The IT network fiber optic infrastructure is primarily comprised of single-connected, multimode and single mode fiber optic cabling. The single-connected nature of buildings results in a single point of failure for services to most buildings; the multimode fiber does not support modern, high-speed networking connections; and the single mode fiber is mostly unterminated, brittle and difficult to successfully terminate. New fiber optic cabling capable of supporting speeds up to

100 Gigabit Ethernet is needed to allow the campus network to service current needs. The new cabling will also support an updated campus network topology, with future pathway planning for select buildings needing redundant network connections to achieve the level of reliability that is expected for critical facilities. Additionally, a network assessment found code violations noting entrance facility and main cross-connect rooms that would have difficulty accommodating standard fiber cable installations. Code issues will be further studied in the design process to define corrective actions.

Budget/Schedule:

Construction	$3,889,000
Design	$356,000
DFDM Mgt	$171,200
Contingency	$388,900
TOTAL	**$4,805,100**

SBC Approval	Feb 2020
A/E Selection	Jun 2018
Bid Opening	Jun 2020
Start Construction	Aug 2020
Substantial Completion	Jul 2022
Final Completion	Dec 2022

Previous Action: None.

UW-Milwaukee – Heating Plant Stack Replacements (19B2E):

Project Description and Justification:
This project replaces four steel boiler stacks (4-5-foot diameter each) on the central heating plant. Only the exposed boiler stack portion will be replaced, from the roof line to the top of the flue gas exhaust point. Project work includes field measurements, surveys, crane mobilization and lifts, scaffolding erection and mobilization, torch cutting and welding, work site safety and traffic control measures, phasing work to allow continuous plant operation, roof and building envelope protection, and site restoration.

The central Heating and Chilling Plant was constructed in 1969. Boilers 1-3 are original equipment and Boiler 4 was installed in 1981. The flue gas economizers were installed in 1979. The exhaust stacks for Boilers 1-3 are 5 feet in diameter and 50 VF high, originally constructed from 3/8-inch Corten steel. The exhaust stack for Boiler 4 is 4 feet in diameter and 50 VF high, also originally constructed from 3/8-inch Corten steel. Due to increasing evidence in and around the central heating plant of stack degradation (rust flakes, metal material, gunite material), testing and a condition assessment of the stacks was completed in November 2018. The findings of the inspection and testing company confirmed that there is significant loss of stack material thickness, especially above the area protected by the gunite material installed in 1986 (the gunite material ends approximately 6 feet above roof line). The stack material thickness loss increases progressively from the bottom to the top of each stack. The report documents a sampling of ultra-sonic thickness testing results as well as commentary noting visible stack perforations and flexing near the top of the stacks where thinning has greatly diminished structural integrity. The recommendation of the inspection company is to replace the stack for Boiler 3 as soon as possible, the stack for Boiler 2 within 2 years, and the remaining two stacks within 3 years.

Budget/Schedule:

Construction	$429,500
Design	$34,600
DFDM Mgt	$18,900
Contingency	$43,000
TOTAL	**$526,000**

SBC Approval	Feb 2020
A/E Selection	Mar 2019
Bid Opening	Apr 2020
Start Construction	Jul 2020
Substantial Completion	Nov 2020
Final Completion	May 2021

Previous Action: None.

UW-Parkside – Campus Underground Utility Distribution Renovations (18I2R):

Project Description and Justification:
This project replaces the 600 LF of underground packaged steam and condensate utility lines (4-inch steam, 3-inch condensate return) supplying Tallent Hall and completes the waterproofing and repairs to the main underground utility tunnel begun under a previous project. Temporary heat or steam to Tallent Hall may be required, depending on the season of construction. Project work also includes site restoration for all disturbed project areas including natural turf, landscaping, and paved surfaces (asphalt and concrete).

This project also repairs leaks in the main underground central utility distribution tunnel, including spalling concrete enclosure surfaces; and the adjacent utility distribution piping, valves, and valve boxes. Project work also includes waterproofing of the Level D2 utilidors between Greenquist Hall, Wyllie Hall, and the Rita Tallent Picken Regional Center for the Arts and Humanities. The tunnel enclosure will be excavated in specified locations to waterproof approximately 1,650 LF. In addition, approximately 150 locations with small scale leaks will be filled with waterproofing compound, and approximately 10 locations with spalled concrete surfaces will be repaired with mortar patches. Adjacent utility distribution system piping, valves, and valve boxes will be excavated, valves replaced, and valves boxes straightened. Drain tile will be installed alongside the entire tunnel. Sanitary sewer elevations will be evaluated for adaptability to using gravity for contaminated water removal from tunnel versus pump removal. Trees in the utility tunnel defined access area will be removed.

Tallent Hall, constructed in 1969, is supplied steam from a branch extension of the central utility tunnel by a packaged pipe installation. The tattletale vent has intermittently exhibited leaking steam that is believed to be caused by a perforated pipe conduit and not by a leaking steam supply or condensate return piping. It is likely that ground water or rainwater is infiltrating the conduit and flashing to steam once it contacts the steam supply piping. It is anticipated that the packaged pipe system will continue to operate for the current heating season, but extended service and operation beyond one additional season are uncertain. Continued exposure to ground water or rainwater will be detrimental to the condensate and steam supply piping.

The main campus utility tunnel and associated piping was constructed during 1971 and 1972. Groundwater infiltration and piping vapor barrier failure has caused accelerated deterioration of the utility piping, anchors and supports, and insulation. Some of these sections were previously repaired. While groundwater infiltration remediation was addressed in those projects, additional

waterproofing and repair efforts are required. Concrete surfaces are spalling, exposing the reinforcing materials. The tunnel construction joints show evidence of severe water penetration. Numerous valves and valve boxes, and utility distribution piping deeply buried adjacent to the tunnel, are deteriorated due to age and service.

Budget/Schedule:

Construction	$3,678,000
Design	$337,400
DFDM Mgt	$180,900
Contingency	$651,100
TOTAL	**$4,847,400**

SBC Approval	Feb 2020
A/E Selection	Jan 2019
Bid Opening	Apr 2020
Start Construction	Jun 2020
Substantial Completion	Dec 2020
Final Completion	Jun 2021

Previous Action: None.

UW-River Falls - Central Heating Plant Fuel Reliability Upgrade (Increase) (18I1J):

Project Description and Justification:
This request increases the project budget by $473,500 to accept bids received. The recent bids received significantly exceed the authorized budget and this project budget increase is required to complete the originally approved project scope and intent. The budget increase will allow the removal of the baghouse equipment, coal conveyor, and ash removal system as originally intended and previously approved.

Budget/Schedule:

Construction	$2,740,800
Design	$144,500
DFDM Mgt	$129,300
Contingency	$274,100
TOTAL	**$3,288,700**

SBC Approval	Feb 2020
A/E Selection	Nov 2018
Bid Opening	Dec 2019
Start Construction	Mar 2020
Substantial Completion	Apr 2021
Final Completion	Oct 2021

Previous Action: In June 2019, the SBC approved the UW-River Falls Central Heating Plant Fuel Reliability Upgrade project for an estimated total cost of $2,815,200 ($858,400 GFSB – Utilities Repair and Renovation and $1,956,800 PR-CASH).

UW-Whitewater – Heating Plant Boiler No. 6 Upgrade (19B2I):

Project Description and Justification:
This project will implement boiler modification to meet EPA emission guidelines. Project work includes designing and implementing needed boiler modifications to meet the EPA emission guidelines to allow campus to run the boiler at capacity when needed to meet the campus demand and loads. The modifications include boiler equipment changes, tube re-configuration and control modifications. In addition, new boiler tuning, and recertification of the boilers output will be completed after the modifications are made.

Due to the contract with LS Power ending to provide high pressure steam to campus, some boiler improvements are required to ensure that the heating plant can reliably generate steam for campus. Boiler No. 6 is currently limited by EPA emissions to 876 hours of operation annually for 100% fire capacity, which is not sufficient to meet campus heating demand. This project will make the necessary modifications and equipment upgrades required to allow a full 8,760 of operation hours annually to meet campus heating demand.

Budget/Schedule:

Construction	$325,000
Design	$14,800
DFDM Mgt	$14,900
Contingency	$45,300
TOTAL	**$400,000**

SBC Approval	Feb 2020
A/E Selection	Mar 2019
Bid Opening	May 2020
Start Construction	Jul 2020
Substantial Completion	Jan 2021
Final Completion	Jul 2021

Previous Action: None.

Subcommittee	Full Commission

OTHER BUSINESS

20. Department of Corrections on behalf of Brown, Dane, Milwaukee and Racine Counties – Secure Residential Care Centers for Children and Youth - Request the release of $102,556,999 GFSB to the Department of Corrections on behalf of Brown, Dane, Milwaukee, and Racine counties to aid in the construction of county Secure Residential Care Centers for Children and Youth (SRCCCYs) pursuant to 2017 Act 185 as modified by 2019 Act 8.

    This project was enumerated in 2017 Wisconsin Act 185 and 2019 Wisconsin Act 9.

AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
FEBRUARY 2020
REQUEST #20

AGENCY: Department of Corrections on behalf of Brown, Dane, Milwaukee, and Racine Counties

DOC CONTACT: Stefanos Krallis, (608) 240-5405, stefanos.krallis@wisconsin.gov
DFDM CONTACT: RJ Binau, (608) 267-6927, rj.binau@wisconsin.gov

LOCATION: Statewide

PROJECT REQUEST: Request the release of $102,556,999 GFSB to the Department of Corrections on behalf of Brown, Dane, Milwaukee, and Racine counties to aid in the construction of county Secure Residential Care Centers for Children and Youth (SRCCCYs) pursuant to 2017 Act 185 as modified by 2019 Act 8.

PROJECT NUMBER: 20B2P

PROJECT DESCRIPTION:
2017 Act 185 created a new type of secured juvenile facility, administered by counties, called SRCCCYs. County boards may establish or contract with a child welfare agency to establish a SRCCCY on its own, or jointly with one or more counties; or may contract with another county to place juveniles in that county's SRCCCY. The selection and purchase of the site and the plans, specifications and construction of buildings for a SRCCCY is subject to the review and approval of the Department of Corrections (DOC).

2017 Act 185 also created a Juvenile Corrections Grant Committee in the DOC to administer a grant program. The Grant Committee was required to establish requirements, guidelines, and criteria for grant proposals and for awarding grants.

On October 1, 2019, the Juvenile Corrections Grant Committee submitted a statewide plan for SRCCCYs to the Joint Committee on Finance for approval as required by 2017 Act 185 and modified by 2019 Act 8. The plan recommends the approval of the four applications received from Brown, Dane, Milwaukee, and Racine counties. The recommended plan would have provided a total of $110,956,999 in bonding authority to the four counties and provide a capacity of 111 - 125 SRCCCY beds. On February 12, 2020, the Joint Committee on Finance approved a modified plan with a total of $102,556,999 for grants, with the remaining project costs to be provided through county funds.

Juvenile Corrections Grant Committee Plan Submitted to Joint Committee on Finance				Joint Committee on Finance
County	**Total Project Cost**	**County Funds**	**State Grant Requested**	**State Grant Approved**
Brown	$43,032,000	$2,151,600	$40,880,400	**$40,880,400**
Dane	$6,724,800	$263,494	$6,461,306	**$6,461,306**
Racine	$45,840,000	$5,840,000	$40,000,000	**$40,000,000**
Milwaukee	$24,858,203	$1,242,910	$23,615,293	**$15,215,293**
Total	**$120,455,003**	**$9,498,004**	**$110,956,999**	**$102,556,999**

PROJECT JUSTIFICATION/FUNDING:
Under 2017 Act 185, the State Building Commission may authorize up to a total of $40,000,000 GFSB to allow DOC to provide grants to assist counties in designing and constructing these new SRCCCYs and attached juvenile detention facilities. Under 2019 Act 9, an additional $40,000,000 GFSB was enumerated to allow DOC to provide grants to assist counties in designing and constructing secured SRCCCYs. In total, $80,000,000 GFSB is specifically enumerated and available for grants to counties.

On February 12, 2020, the Joint Committee on Finance approved a total of $102,556,999 GFSB for SRCCCYs in these four counties. The Department of Administration has identified the remaining $22,556,999 in unallocated GFSB as amounts that became available through partial vetoes of 2019 Act 9.

If this item is approved, a grant agreement between the counties and DOC will be executed to allow the release of funding.

PREVIOUS ACTION: This project was enumerated in 2017 Wisconsin Act 185 and 2019 Wisconsin Act 9.