

SOUTH DAKOTA BOARD OF REGENTS

Budget and Finance
Consent

AGENDA ITEM: 7 – L

DATE: June 27-29, 2017

SUBJECT: FY18 HEFF M&R Projects

The Higher Education Facilities Fund (HEFF) represents eleven and one-half percent of all tuition (on-campus and off-campus) collected except for the first \$875,000 of medical school revenue. The funds are used for maintenance and repair (M&R) needs of the universities, long-term indebtedness for capital improvements, and new construction. The FY18 available funding is \$16,262,074.

The HEFF allocation formula is based on fifty percent of the replacement values and fifty percent of the gross square footage for academic buildings. Attachment I provides the formula distribution for the FY18 HEFF allocation. The Board Policy 6:6 requires that up to five percent of the M&R allocation may be assigned towards planning and design to assist the universities in determining appropriate work scope of each proposed project. The funding for planning and design is identified as part of the allocation.

In July 2011, the Board of Regents bonded for M&R projects on behalf of Black Hills State University, Northern State University, South Dakota State University, and the University of South Dakota through the South Dakota Building Authority. The debt obligation for each campus is based on the ratio of the bonded M&R projects for the university to the total amount bonded. A portion of the university's HEFF allocation is dedicated to that M&R bond retirement.

Attachment II provides the FY18 maintenance and repair projects submitted by the institutions for approval. Each project is placed into one of the following categories: Public Health, Safety and Compliance; Building Integrity; Programmatic Suitability; Energy and Utility Savings; or Other according to Board Policy 6:6. The policy provides for funding realignments and transfers between approved projects. Changes to the approved project list for projects estimated to cost \$50,000 to \$250,000 must be submitted for the Executive Director's approval and projects more than \$250,000 must be submitted for Board approval. Projects under \$50,000 (all costs and contracts inclusive) may be approved by the presidents or their designee.

DRAFT MOTION 20170627_7-L: I move to approve the HEFF M&R allocation and the requested projects for FY18.

**FY18 HEFF M&R Allocation
Formula Distribution**

Line											
1	M&R Funding Available	\$16,262,074									
2	Gross Sq. Feet	6,389,298									
3	Replacement Value	\$1,383,744,066									
		<u>BHSU</u>	<u>DSU</u>	<u>NSU</u>	<u>SDSM&T</u>	<u>SDSU</u>	<u>USD</u>	<u>SSOM</u>	<u>BHSU-RC</u>	<u>UC-SF</u>	<u>TOTAL</u>
4	Academic Square Feet	512,126	309,354	606,673	586,140	2,414,314	1,683,454	91,895	56,272	129,070	6,389,298
5	Current FY Gross Square Feet										
	Disbursement Factor: (Line 4/Line2)*.5	4.01%	2.42%	4.75%	4.59%	18.89%	13.17%	0.72%	0.44%	1.01%	50.00%
6	Current FY Gross Square Feet Portioned M&R Funds Line 5*Line 1	\$651,733	\$393,685	\$772,054	\$745,923	\$3,072,462	\$2,142,368	\$116,946	\$71,612	\$164,256	\$8,131,039
7	Academic Replacement Value	113,281,870	59,779,242	115,759,552	121,454,699	502,842,420	403,620,930	16,311,446	15,300,336	35,393,571	1,383,744,066
8	Current FY Institutional Replacement Value										
	Disbursement Factor: (Line 7/Lines 3)*.5	4.09%	2.16%	4.18%	4.39%	18.17%	14.58%	0.59%	0.55%	1.28%	50.00%
9	Current FY Replacement Value Portioned M&R Funds Line 8 * Line 1	\$665,656	\$351,270	\$680,216	\$713,682	\$2,954,758	\$2,371,722	\$95,848	\$89,906	\$207,977	\$8,131,035
10	Institutions M&R Allocation for FY17 Line 6 + Line 9	\$1,317,389	\$744,955	\$1,452,270	\$1,459,605	\$6,027,220	\$4,514,090	\$212,794	\$161,518	\$372,233	\$16,262,074
	Series 2011 M&R Bond	\$108,014	\$0	\$135,377	\$0	\$522,283	\$428,693	\$0	\$0	\$0	1,194,367
	5% Planning and Design (Maximum)	\$65,869	\$37,248	\$72,614	\$72,980	\$301,361	\$225,705	\$10,640	\$8,076	\$18,612	\$813,105
	Balance of HEFF Allocation for M&R Projects	\$1,143,506	\$707,707	\$1,244,279	\$1,386,625	\$5,203,576	\$3,859,692	\$202,154	\$153,442	\$353,621	\$14,254,602

FY18 HEFF Maintenance & Repair Projects

Project #	Building Name	Project Name	M&R Category	M&R Class	Cost Estimate
<u>Black Hills State University</u>					
6H1801		Series 2011 M&R Bond			\$108,014
6H1802		Planning & Design			\$65,869
6H18XX	Campus	Miscellaneous Road Repair	Campus Infrastructure	Repair	\$150,000
6H18XX	Young Center	Locker Room Renovation	Programmatic Suitability	Renovation	\$150,000
6H18XX	Young Center	Locker Room Shower Tile Repair	Building Integrity	Repair	\$48,000
6H18XX	Ida Henton Park	Stairway Repair	Campus Infrastructure	Repair	\$175,000
6H18XX	Jonas Academic	Faculty Office Renovations	Programmatic Suitability	Renovation	\$385,606
6H18XX	Young Center	Concession Stand Renovation	Programmatic Suitability	Renovation	\$48,500
6H18XX	Jonas Academic & YC	Unit Ventilator Upgrades	Energy and Utility Savings	Repair	\$49,750
6H18XX	Life Science Laboratories	HVAC Mechanical Upgrade	Energy and Utility Savings	Repair	\$48,900
6H18XX	Meier Hall	Mechanical Upgrade	Building Integrity	Repair	\$48,750
6H18XX	Library	HVAC Mechanical Upgrade	Building Integrity	Repair	<u>\$39,000</u>
				FY18 HEFF M&R Projects Total	\$1,317,389
<u>Black Hills State University - Rapid City</u>					
6H1852		Planning & Design			\$8,076
6H18XX	Parking Lot/Exterior	Lighting Upgrade	Energy and Utility Savings	Maintenance	\$49,000
6H18XX	BHRC	Exterior Signage	Programmatic Suitability	Maintenance	\$49,000
6H18XX	BHRC	Student Service Remodel	Programmatic Suitability	Renovation	\$55,442
				FY18 HEFF M&R Projects Total	\$161,518
<u>Dakota State University</u>					
8H1802		Planning & Design			\$37,188
8H18XX	Campus	Classroom/ Office Renovations	Programmatic Suitability	Renovation	\$287,410
8H18XX	LEC	Learning Engagement Centers Renovations	Programmatic Suitability	Renovation	<u>\$420,357</u>
				FY18 HEFF M&R Projects Total	\$744,955
<u>Northern State University</u>					
5H1801		Series 2011 M&R Bond			\$135,377
5H1802		Planning & Design			\$72,614
5H18XX	Soccer Field	Synthetic Turf	Programmatic Suitability	Renovation	\$303,314
5H18XX	Heating Plant	Boiler Replacement	Campus Infrastructure	Repair	<u>\$940,965</u>
				FY18 HEFF M&R Projects Total	\$1,452,270

FY18 HEFF Maintenance & Repair Projects

Project #	Building Name	Project Name	M&R Category	M&R Class	Cost Estimate
<u>South Dakota School of Mines & Technology</u>					
4H1802		Planning & Design			\$72,864
4H18XX	McLaury Building	Completion of Phase I Renovation	Building Integrity	Renovation	\$350,000
4H18XX	O'Harra Stadium	Drainage Improvements	Campus Infrastructure	Repair	\$200,000
4H18XX	Various Buildings	Upgrade the Pneumatic Controls to Digital Controls	Building Integrity	Maintenance	\$225,000
4H18XX	Various	Campus HVAC Emergency	Public Health Safety and Compliance	Maintenance	\$80,000
4H18XX	Various	Campus Fire & Life Safety	Public Health Safety and Compliance	Maintenance	\$50,000
4H18XX	Various	Campus Building Integrity	Building Integrity	Maintenance	\$40,000
4H18XX	Campus	Utility Infrastructure	Campus Infrastructure	Repair	\$349,317
4H18XX	Various	Roof Replacements	Building Integrity	Repair	<u>\$92,424</u>
FY18 HEFF M&R Projects Total					\$1,459,605
<u>South Dakota State University</u>					
3H1801		2011 Series M&R Bond			\$522,283
3H1802	Campus	Planning & Design	Planning	Renovation	\$40,000
3H1803	Campus	Planning & Design for FY19 HEFF Projects	Planning	Repair	\$30,337
3H1804	Lincoln Music Hall	Planning & Design for Future Building Renovations	Planning	Renovation	\$100,000
3H1805	Pugsley Center	Planning & Design for Future Building Renovations	Planning	Renovation	\$65,000
3H1806	Campus	Campus Utility - Steam & Chilled Water Upgrades (BOR Capital Project)	Campus Infrastructure	Repair	\$2,500,000
3H1807	Berg Ag Hall	Replace & Upgrade Motor Control Center	Building Integrity	Repair	\$50,000
3H1808	Campus	Replacement of Sidewalks, Entry Paving & Equipment Pads	Campus Infrastructure	Repair	\$125,000
3H1809	Central Heating Plant	Water Softener Replacement	Building Integrity	Repair	\$60,000
3H1810	Central Heating Plant	Equipment Upgrades and Repairs	Building Integrity	Repair	\$200,000
3H1811	Central Heating Plant	Site Restoration & Canopy Replacement	Building Integrity	Repair	\$300,000
3H1812	Enrollment Services Center	Relocate Chiller & ADA Site Improvements	Public Health Safety and Compliance	Repair	\$152,000
3H1813	McFadden Northern Plains Biostress	DDC Replacement of HVAC Controls	Building Integrity	Repair	\$480,000
3H1814	McFadden Northern Plains Biostress	Variable Air Volume Units Replacement	Building Integrity	Repair	\$925,000
3H1815	South Dakota Art Museum	Replace West Exterior Stairs	Building Integrity	Repair	\$120,000
3H1816	Campus	Matching Funds for Energy Conservation	Energy & Utility Savings	Renovation	\$65,000
3H1817	Campus	Remedial Roof Repairs (DM, WEX, ESC, AGM)	Building Integrity	Repair	\$50,000
3H1818	Wagner Hall	Replace AHU Fan	Building Integrity	Repair	\$102,000
3H1819	Morrill Hall	Renovate 222 Office Suite	Programmatic Suitability	Renovation	\$83,600
3H1820	Morrill Hall	Renovate 217 & 221 into Building Conference Room	Programmatic Suitability	Renovation	<u>\$57,000</u>
FY18 HEFF M&R Projects Total					\$6,027,220

FY18 HEFF Maintenance & Repair Projects

Project #	Building Name	Project Name	M&R Category	M&R Class	Cost Estimate
<u>University of South Dakota</u>					
2H18XX		Series 2011 M&R Bond			\$428,777
2H18XX	Campus	Planning & Design			\$252,637
2H18XX	Campus	Hazardous Materials Abatement (asbestos, lead paint)	Public Health, Safety & Compliance	Maintenance	\$100,000
2H18XX	Campus	Steam System Component Repairs	Energy & Utility Savings	Maintenance	\$125,000
2H18XX	Campus	Generator Testing	Public Health, Safety & Compliance	Maintenance	\$70,000
2H18XX	Campus	Testing & Repair Fire Alarm	Public Health, Safety & Compliance	Maintenance	\$120,000
2H18XX	Campus	Transformer Inspections and Repairs	Campus Infrastructure	Maintenance	\$50,000
2H18XX	Campus	RO Water Service Inspection & Repairs	Building Integrity	Maintenance	\$20,000
2H18XX	Campus	Boiler Inspection & Repairs	Public Health, Safety & Compliance	Maintenance	\$71,349
2H18XX	Campus	Roof Inspections and Repairs	Building Integrity	Maintenance	\$50,000
2H18XX	Campus	Campus AC and Chiller Maintenance Repair	Energy & Utility Savings	Maintenance	\$150,000
2H18XX	Campus	Building Control Systems (HVAC) Maintenance & Replacement	Energy & Utility Savings	Maintenance	\$100,000
2H18XX	Campus	Controls Inspections & Repairs	Energy & Utility Savings	Renovation	\$30,000
2H18XX	Campus	Meters	Energy & Utility Savings	Renovation	\$25,000
2H18XX	Campus	Insulation Repairs and Replacement	Building Integrity	Maintenance	\$65,000
2H18XX	Campus	Maintenance Floor Covering Replacement - Various Building	Building Integrity	Maintenance	\$50,000
2H18XX	Campus	Maintenance Painting and Finishes - Various Buildings	Building Integrity	Maintenance	\$60,000
2H18XX	Campus	Sidewalk Safety And Accessibility Improvements / Repair	Public Health, Safety & Compliance	Maintenance	\$125,000
2H18XX	Campus	Elevator Repairs	Public Health, Safety & Compliance	Maintenance	\$25,000
2H18XX	Campus	Data Closet Code Modification	Building Integrity	Maintenance	\$75,000
2H18XX	Campus	Campus Camera and Emergency System Install and Upgrades	Public Health, Safety & Compliance	Maintenance	\$75,000
2H18XX	Campus	Classroom Critical Maintenance & Repair	Building Integrity	Maintenance	\$50,000
2H18XX	Campus	Academic Buildings - Replace Windows, Carpet, Painting, Door Locks	Building Integrity	Maintenance	\$50,000
2H18XX	Campus	Campus Tuckpointing/Building Repair	Building Integrity	Maintenance	\$130,000
2H18XX	Campus	Irrigation Line Maintenance	Campus Infrastructure	Maintenance	\$35,000
2H18XX	Campus	Rebuild East Sub-station	Campus Infrastructure	Maintenance	\$95,000
2H18XX	Dakota Dome	Pool Maintenance	Public Health, Safety & Compliance	Maintenance	\$20,000
2H18XX	Campus	Blue light Phones	Public Health, Safety & Compliance	Maintenance	\$25,000
2H18XX	Campus	North East Campus Infrastructure	Campus Infrastructure	Renovation	\$316,636
2H18XX	Campus	Connect North and South Well Systems	Campus Infrastructure	Renovation	\$175,000
2H18XX	Campus	Continuing Education and Commons Space Renovation	Programmatic Suitability	Renovation	\$103,191
2H18XX	Akeley Lawrence	Replace Roof	Building Integrity	Repair	\$250,000
2H18XX	Akeley Lawrence	Structural Repairs	Building Integrity	Repair	\$75,000
2H18XX	Belbas	Replace Windows	Building Integrity	Repair	\$250,000
2H18XX	Davidson	Window Replacement	Energy & Utility Savings	Maintenance	\$50,000
2H18XX	Davidson	Boiler Removal	Energy & Utility Savings	Maintenance	\$100,000
2H18XX	Dome	Turf for Den	Building Integrity	Alteration	\$71,500
2H18XX	Med School	Water Softener Replacement	Public Health, Safety & Compliance	Maintenance	\$50,000
2H18XX	Med School	Potable Water booster pump	Public Health, Safety & Compliance	Maintenance	\$15,000
2H18XX	Med School	Replace Med Gas Compressor	Public Health, Safety & Compliance	Maintenance	\$55,000
2H18XX	ID Weeks Library	Replace Chillers	Energy & Utility Savings	Renovation	\$250,000
2H18XX	Fine Arts	Fire Alarm Phase II	Building Integrity	Renovation	\$200,000

FY18 HEFF Maintenance & Repair Projects

Project #	Building Name	Project Name	M&R Category	M&R Class	Cost Estimate
2H18XX	Tennis Courts	Resurface Tennis Courts	Campus Infrastructure	Maintenance	\$65,000
2H18XX	Vucurevich Center	Porch Renovation/ Demolition	Building Integrity	Maintenance	<u>\$15,000</u>
				FY 18 HEFF M&R Projects Total	\$4,514,090

FY18 HEFF Maintenance & Repair Projects

Project #	Building Name	Project Name	M&R Category	M&R Class	Cost Estimate
<u>Sanford School of Medicine</u>					
2H1852		Planning & Design			\$49,206
2H18XX	Health Science Center - Sioux Falls	Renovate Unoccupied Wet Labs into Classroom / Student Study Space	Campus Infrastructure	Renovation	<u>\$163,588</u>
FY18 HEFF M&R Projects Total					\$212,794
<u>University Center - Sioux Falls</u>					
2H1862		Planning & Design			\$18,612
2H18XX	UC1, UC2, GEAR	Roof Repairs	Building Integrity	Maintenance	\$10,000
2H18XX	UC1, UC2	HVAC repairs	Building Integrity	Maintenance	\$52,621
2H18XX	GEAR	GEAR Repairs	Building Integrity	Repair	\$100,000
2H18XX	UC2, UC2, GEAR	Upgrade exterior lighting to LED	Building Integrity	Alteration	\$65,000
2H18XX	UC2, UC2, GEAR	Security Camera Upgrades	Public Health, Safety, and Compliance	Maintenance	\$25,000
2H18XX	UC1, UC2, GEAR	Sidewalk/Landscaping Replacement/Repairs	Public Health, Safety, and Compliance	Repair	\$45,000
2H18XX	UC1, UC2	Whiteboard Replacement	Programmatic Suitability	Maintenance	\$15,000
2H18XX	UC1	UPS Server Battery Replacement	Public Health, Safety, and Compliance	Maintenance	\$11,000
2H18XX	UC1, UC2	Paint Classroom & Hallways	Building Integrity	Maintenance	\$10,000
2H18XX	GEAR	Re-Carpet Entry Ways	Building Integrity	Maintenance	\$5,000
2H18XX	UC1, UC2	Wallpaper and Chair Rails	Building Integrity	Maintenance	<u>\$15,000</u>
FY18 HEFF M&R Projects Total					\$372,233
Grand Total FY18 Fee M&R Projects					\$16,262,074