

**Repair and Replacement Overview - 10/13/16 Snapshot**

RR #	Location	Description	Project Manager	Project Cost Estimate
16051	ALL	Install chilled water bypass	CZ	\$ 15,000.00
16057	Utility Plant	Recoat cooling tower basins. PO 193970 - TMI Coatings. Work began in FY 16, was done sub-standard, and vendor not fully paid yet.	SA	\$ 15,000.00
16062	TR	Replace vacuum pump that serves labs. PO 194344 to John Henry Foster	SA	\$ 27,000.00
16066	Utility Plant	Standby generator remote monitoring: 1) Ziegler CAT \$6250; 2) NAC \$14985; 3) Wunderlich-Malec Environ. \$3500.	SA	\$ 25,000.00
17000	ALL	Annual Basketball Hoop/Hoist Inspections. PO 186219 to SMI valid through 1/5/2018.	BW	\$ 5,800.00
17001	ALL	Annual Pipe and Equipment Insulation	CZ	\$ 30,000.00
17002	ALL	Annual Jet Power Drain Cleaning. PO 186234 valid through 6/30/17	CZ	\$ 8,000.00
17003	ALL	Annual Plumber Fitter Services for R&R. PO 186301 - Skogen Mech. valid through 6/30/17.	CZ	\$ 5,000.00
17004	ALL	Annual Sprinkler Piping System Installation. PO 192614 - Summit Fire Protection valid through 6/30/2020	CZ	\$ 8,200.00
17005	ALL	Annual Sprinkler Systems Testing/Inspection. PO 188773 for Summit Fire Protection valid through 7/31/2018	CZ	\$ 8,200.00
17006	ALL	Annual Septic Tank Pumping. PO 186405 to Jadd Seppmann valid through 6/30/17.	CZ	\$ 800.00
17007	ALL	Annual Water Purification (Deionized Water). PO 192012 for Culligan of Owatonna valid through 6/30/2020	CZ	\$ 10,000.00
17008	ALL	Annual Elevator Maintenance and Repair. PO 190465 valid through 06/30/2019.	CH	\$ 40,000.00
17009	ALL	Annual Emergency Generator Maintenance and Repair. PO 181135 to MTU Onsite Energy valid through 6/30/2019.	KM	\$ 6,000.00
17010	ALL	Annual Fire Supression for Kitchen Hood and Ducting. PO 186246 to Enviromatic valid through 6/30/17; PO 190632 to Nardini valid through 6/30/2019.	BW	\$ 1,000.00
17011	ALL	Annual Fire Alarm Repair (MSM # 186718). PO 187074 for Firenet Systems valid through 6/30/17. PO 192763 to TycoSimplex.	KM	\$ 25,000.00
17012	ALL	Annual Water Meter Maintenance and Repair	CZ	\$ 2,600.00
17013	ALL	Annual Electrical Services. PO 194417 valid through 6/30/21	KM	\$ 4,500.00
17014	ALL	Annual Exterior Maintenance for hardscape, signage, fencing, vandalism. PO 190837 for Joe Koberoski valid through 07/20/2019.	BL	\$ 20,000.00
17015	ALL	Annual Carpet Replacement Program	BW	\$ 50,000.00
17016	ALL	Annual Interior Maintenance - Floors, walls, ceilings, glass, doors, vandalism. PO 188305 for Jeff's Glass valid through 08/18/2018	BW	\$ 15,500.00
17017	ALL	Annual Concrete Replacement. PO 193019 for Heymann Construction valid through 6/30/2019.	BW	\$ 50,000.00
17018	ALL	Annual Fire Extinguisher Repair	CH	\$ 5,000.00

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17019	ALL	Annual Steam Shutdown	CZ	\$ 10,000.00
17020	ALL	Annual Painting Program	BW	\$ 55,000.00
17021	ALL	Annual Roof Repair. No current PO.	BW	\$ 20,000.00
17022	ALL	Annual Fire Alarm Inspection. PO 187216 for Simplex Grinnell valid through 10/31/2017.	KM	\$ 40,000.00
17023	ALL	Annual Fire Alarm Monitoring. PO 188567 for Simplex Grinnell valid through 6/30/2018.	KM	\$ 3,600.00
17024	ALL	Annual Funding for Misc. R&R HVAC.	SA	\$ 10,000.00
17025	ALL	Annual Funding for Misc. R&R Plumbing and Fitting	CZ	\$ 15,000.00
17026	ALL	Annual Funding for Misc. R&R Electrical	KM	\$ 10,000.00
17027	ALL	Annual Funding for Misc. R&R EHS/RM. PO 193955 - Blue Earth Environmental.	CH	\$ 10,000.00
17028	ALL	Annual Funding for Scissor Lift Rental paid with p-card	KM	\$ 5,000.00
17029	ALL	Annual Funding for Sign Shop		\$ 2,000.00
17030	ALL	Annual Funding for Misc. R&R Grounds	BL	\$ 30,000.00
17031	Grounds	Fountain - rehab pump room, and epoxy the fountain pool	TL	\$ 50,000.00
17032	Wiecking	Replace signage for FCS and TCH	ME	\$ 3,100.00
17033	Grounds	Replace tennis court windscreens		\$ 7,500.00
17034	NH 302B	Renovate printmaking acid room	CH	\$ 25,000.00
17035	AH 332	STEM renovation		\$ 57,500.00
17036	ML 0088	Security Sensing Gates*		\$ -
17037	ML - RASP	RASP relocation, PO 194792 - Met Con*		\$ 128,300.00
17038	AH 213	Remove corner wall, paint, repair		\$ 15,000.00
17039	TR	Replace vacuum pump PO 194697 Malterer Mechanical	SA	\$ 31,000.00
17040	Fountain	Raise vault	BW	\$ 10,000.00
17041	TR C121	Replace fixed seating		\$ 95,000.00
17042	Gateway	Repair Stone Books artwork	BW	\$ 4,000.00
17043	Trafton North	Repair Locking Cabinets	BW	\$ 10,000.00
17044	AH 003, 105, 108	AH 03 - paint and replace carpet; AH 105 and 108 - paint	BW	\$ 9,300.00
17045	ML 0043	Relocation ITS/Video Production (affiliated with RASP relocation)		\$ 4,000.00
17046	FH 143-144	Mold remediation, carpet tile replacement	CH	\$ 1,600.00
17047	ALL	RPZ replacements in academic buildings	CZ	\$ 7,000.00
17048	TR S 247	Acoustics installation		\$ 9,000.00
17049	HN	Recoat domestic hot water tank in HN PO 194684 Advanced Blastings and Coatings	NH	\$ 10,000.00
17050	UP	Steam shutdown expenses related to Utilities	SA	\$ 5,000.00
17051	Utility Plant	Catwalk	SA	\$ 33,000.00
17052	Utility Plant	Line DA tank with cement. PO 194920	SA	\$ 14,000.00
17053	Utility Plant	Replace burner refractories. PO 194929	SA	\$ 23,000.00
17054	All	Annual PM of Liebert Units.	SA	\$ 3,650.00
17055	Utility Plant	Install copper air lines to blow down coils.	CZ	\$ 10,000.00
17056	AH	Duct cleaning - entire building PO 194974	SA	\$ 35,000.00
17057	PH - racquetball courts	HVAC system modifications	SA	\$ 6,000.00
17058	MH	Spray insulation in mechanical room		\$ 3,500.00
17059	Utility Plant	Boiler #4 feedwater valve replacement	SA	\$ 19,000.00
17900	ALL	All RR expenses that don't identify a project		\$ 5,000.00
17901	ALL	Salaries for student employees and classified staff paid from R&R		\$ 380,000.00

## Repair and Replacement Overview - 10/13/16 Snapshot


RR #	Location	Description	Project Manager	Project Cost Estimate
17999	ALL	Carry forward for recently completed projects from prior fiscal years	TL	\$ 20,000.00
<b>Total Project Cost Estimates (subject to change)</b>				<b>\$ 1,622,650.00</b>

**Contingency (Does not include carry forward pending from 2015-16) \$ 102,350.00**

**Annual Allocation \$ 1,725,000.00**

(Based on \$1 per Sq.Ft. of Academic and Administrative Buildings (Excludes CSU and Res. Halls))

**\*Yellow Highlighted Academic Repair & Replacement Approved Requests \$ 358,200.00**

 <b>MINNESOTA STATE</b>	<h3 style="color: red;">Minnesota State System Board Policy Repair &amp; Replacement Defined:</h3> <p><b>MnSCU Board Policies, Chapter 6 - Facilities Management, Part 1. Policy Statement</b></p> <p>It is the policy of the Board of Trustees that long-range plans be developed addressing the physical plant needs of the system office, colleges, and universities. The Board of Trustees strongly supports a sustained level of funding to address infrastructure needs, backlog of deferred maintenance and ongoing annual preventive maintenance, energy efficiency, repair and renewal.</p> <hr/> <p>Repair and Replacement (R &amp; R) phrase is used to describe repairs and alterations to buildings, maintenance contracts, replacement of elements of facilities, systems and fixed equipment.</p>
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