

# Milwaukee Public Museum

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2016

Rank	Sub-Project	Total Cost	Non-County Funding	County Funding	Project Description
1	WM010: Freight Elevator Project Cost for Scope Change to provided funding for a New Passenger Elevator due to unforeseen safety regulations prohibiting visitor use.	1,000,000	\$0	1,000,000	Unforeseen conditions in the renovation of the Existing MPM Freight Elevator requires a change in scope and need for additional funding. It has been determined by A&E & Consulting Engineer that design and safety codes applicable today will not allow the Freight Elevator's use to transport passengers/visitor groups. This design characteristic cannot be overcome through further modification or attempts to skirt intended safety concerns now known and will not be grandfathered.
2	WM027: North Wing, Student Lunchroom Air Handling Unit	442,000	\$0	442,000	Demo and replace North Wing Office AHU with new mechanical unit with VAV box and new DDC controls to JCI, BAS; second install new DDC controls on existing North Wing Student Lunchroom AHU interfacing with JCI, BAS (Building Automation System).
3	WM028: 100 Ton Vivarium Chiller, Compressor #2 Replacement	57,996	\$0	57,996	Replacement of HVAC chiller compressor on circuit #2 on 100 ton Rotary Chiller along with electronic expansion valves on both refrigerant circuits for Butterfly Vivarium

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2016

Rank	Sub-Project	Total Cost	Non-County Funding	County Funding	Project Description
4	WM00301: Electrical Substation Distribution System Replacement Continuation	\$1,568,536	\$0	\$1,568,536	Continued replacement of the Milwaukee Public Museum's electrical distribution system. 2016: Phase II, will complete replacements of existing equipment identified in 2015's Phase I work and also provide financing for the following work to be completed: HV maintenance test & phase rotation, Supply all Power Transformers to power switchboards, Lighting feeders transfers, Demo and removal of existing Power Switchboards.
5		\$0	\$0	\$0	
6		\$0	\$0	\$0	
7		\$0	\$0	\$0	
8		\$0	\$0	\$0	
9		\$0	\$0	\$0	
10		\$0	\$0	\$0	
11		\$0	\$0	\$0	
12		\$0	\$0	\$0	
13		\$0	\$0	\$0	
14		\$0	\$0	\$0	
15		\$0	\$0	\$0	
16		\$0	\$0	\$0	
17		\$0	\$0	\$0	
18		\$0	\$0	\$0	
19		\$0	\$0	\$0	
20		\$0	\$0	\$0	
Total		\$2,568,536	\$0	\$2,568,536	

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2017

Rank	Sub-Project	Total Cost	Non-County Funding	County Funding	Project Description
1	WM00901-MPM Roof Replacement Additional Project Areas, Dome Theater and Atrium; including flashing and glazing	\$400,000	\$0	\$400,000	Per Consultant TREMCO Report
2	WP02901-MPM Ground Floor Renovation	\$300,000	\$150,000	\$150,000	Renovation of MPM Ground Floor space to improve safety of Visitor flow and access to building for Public Safety/Security.
3	WM01001-MPM Elevator and Escalator Modernization (Gift Shop Freight)	\$365,255	\$0	\$365,255	Per Consultant Lerch Bates Report
4	WM027- Museum Annex (Old DW Building), New HVAC System replacement of DX units	\$306,500	\$0	\$306,500	New HVAC System replacement of all roof top DX units
5		\$0	\$0	\$0	
6		\$0	\$0	\$0	
7		\$0	\$0	\$0	
8		\$0	\$0	\$0	
9		\$0	\$0	\$0	
10		\$0	\$0	\$0	
11		\$0	\$0	\$0	
12		\$0	\$0	\$0	
13		\$0	\$0	\$0	
14		\$0	\$0	\$0	
15		\$0	\$0	\$0	
16		\$0	\$0	\$0	
17		\$0	\$0	\$0	
18		\$0	\$0	\$0	
19		\$0	\$0	\$0	
20		\$0	\$0	\$0	
Total		\$1,371,755	\$150,000	\$1,221,755	

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2018

Rank	Sub-Project	Total Cost	Non-County Funding	County Funding	Project Description
1	WM030-Pioneer Courtyard waterproofing membrane and asphalt, required over Kilbourn Tunnel	\$760,000	\$0	\$760,000	The City of Milwaukee is requesting Milwaukee County include in their capital improvement budget for 2018 a place holder amount of \$760,000 for the 50% cost sharing of the Pioneer Village voided slab replacement.
2	WM026-Upgrade Building Steam Converter System, 2 Stage:	\$391,000	\$0	\$391,000	Per Consultant Grumman and Butkus Report
3	WM01601-Museum Facade Repair (East Exterior)	\$449,957	\$0	\$449,957	Per Consultant HGA Report
4	WM01501-Museum Exterior Window Replacement (East Exterior)	\$580,474	\$0	\$580,474	Per Consultant HGA Report
5	WM031-Museum Annex (Old DW Building), Major Redesign and Construction Applications to Structure	\$2,000,000	\$1,000,000	\$1,000,000	Total renovation of MPM Annex Building
6	WM01001-MPM Elevator and Escalator Modernization (Green House Freight)	\$290,800	\$0	\$290,800	Per Consultant Lerch Bates Report
7		\$0	\$0	\$0	
8		\$0	\$0	\$0	
9		\$0	\$0	\$0	
10		\$0	\$0	\$0	
11		\$0	\$0	\$0	
12		\$0	\$0	\$0	
13		\$0	\$0	\$0	
14		\$0	\$0	\$0	
15		\$0	\$0	\$0	
16		\$0	\$0	\$0	
Total		\$4,472,231	\$1,000,000	\$3,472,231	

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2019

Rank	Sub-Project	Total Cost	Non-County Funding	County Funding	Project Description
1	WM01601-Museum Facade Repair (West and Remainder of Exterior)	\$449,956	\$0	\$449,956	Per Consultant HGA Report
2	WM01501-Museum Exterior Window Replacement (West and Remainder of Exterior)	\$580,474	\$0	\$580,474	Per Consultant HGA Report
3	WM2101-Upgrade AHU all Building level Controls to Direct Digital Controls (DDC)	\$561,000	\$0	\$561,000	Per Consultant Grumman and Butkus Report
4		\$0	\$0	\$0	
5		\$0	\$0	\$0	
6		\$0	\$0	\$0	
7		\$0	\$0	\$0	
8		\$0	\$0	\$0	
9		\$0	\$0	\$0	
10		\$0	\$0	\$0	
11		\$0	\$0	\$0	
12		\$0	\$0	\$0	
13		\$0	\$0	\$0	
14		\$0	\$0	\$0	
15		\$0	\$0	\$0	
16		\$0	\$0	\$0	
17		\$0	\$0	\$0	
18		\$0	\$0	\$0	
19		\$0	\$0	\$0	
20		\$0	\$0	\$0	
<b>Total</b>		<b>\$1,591,430</b>	<b>\$0</b>	<b>\$1,591,430</b>	

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2020

Rank	Sub-Project	Total Cost	Non-County Funding	County Funding	Project Description
1	WM01001-MPM Elevator and Escalator Modernization (2 Passenger Elevators)	\$1,507,847	\$0	\$1,507,847	Modernization of 2 passenger elevators to include security access card control. Per Consultant Lerch Bates Report
2	WM00901-MPM Roof Replacement Project Continuation	\$459,620	\$0	\$459,620	West 3rd floor roof
3	WM01001-MPM Elevator and Escalator Modernization (6 Escalators)	\$4,177,524	\$0	\$4,177,524	Per Consultant Lerch Bates Report
4	WM02001-VAV Upgrade AHU 403, AHU 405, and AHU 601	\$2,837,760	\$0	\$2,837,760	Add Variable Volume Air control
5	WM02201-Replace North Wing Ground Floor AHU AHU 403, AHU 405, and AHU 601	\$330,000	\$0	\$330,000	Replace Heating Control Valves on all ventilator wall cabinets and corroded piping.
6	Not Assigned-MPM IS Server Room, Infrastructure upgrade to Room structure, Electrical and HVAC to meet current codes	\$275,000	\$0	\$275,000	
7	Not Assigned-Greenhouse Roof Structure upgrade to Framing, Glazing, Mechanicals, Electrical and Floor	\$350,000	\$0	\$350,000	
8	Not Assigned-Pan Museum Fire Suppression and Separations not covered	\$3,500,000	\$0	\$3,500,000	
9		\$0	\$0	\$0	
10		\$0	\$0	\$0	
11		\$0	\$0	\$0	
12		\$0	\$0	\$0	
13		\$0	\$0	\$0	
14		\$0	\$0	\$0	
15		\$0	\$0	\$0	
16		\$0	\$0	\$0	
17		\$0	\$0	\$0	
18		\$0	\$0	\$0	
19		\$0	\$0	\$0	
20		\$0	\$0	\$0	
Total		\$13,437,751	\$0	\$13,437,751	