



Requirement Forecast Report By Name

Department/Division: Museum & Art Centers

Site: Charles Allis Art Museum

Asset: Charles Allis Art Museum

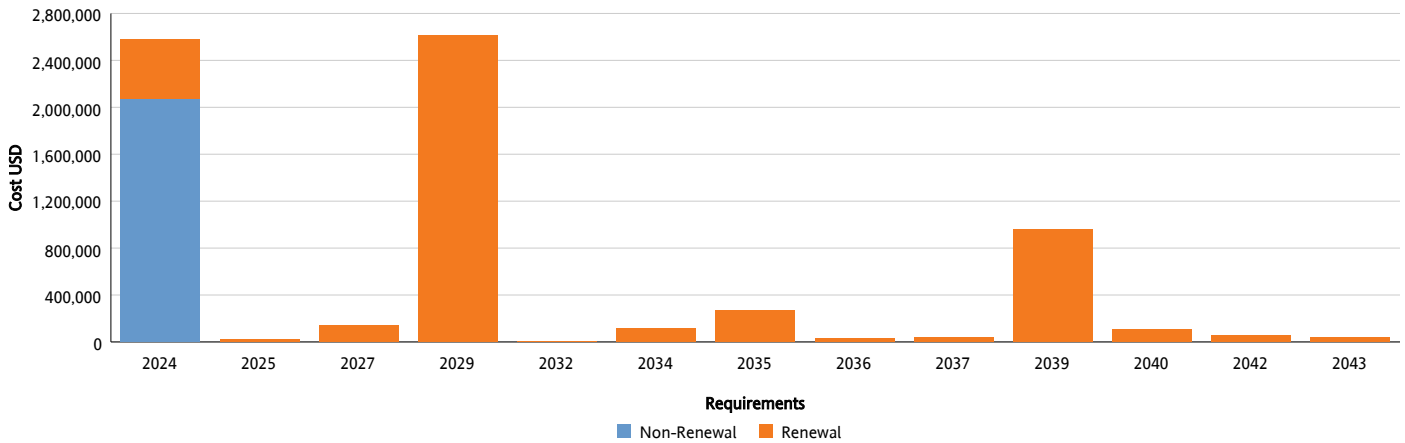
Currency: USD

Period: 20 years

Inflation: 3%

The current year is always the Period start date. If "Include past due Action Dates/Renewals" is selected, the cost of those past due Requirements is included in the current year cost.

Summary of Funding Needed by Requirement Type and Year



Year	Renewal Requirements	Non-Renewal Requirements	Total
2024	509,930	2,074,892	2,584,822
2025	20,250	0	20,250
2027	139,545	0	139,545
2029	2,612,942	0	2,612,942
2032	6,622	0	6,622
2034	114,588	0	114,588
2035	271,347	0	271,347
2036	33,619	0	33,619
2037	36,226	0	36,226
2039	960,152	0	960,152
2040	107,963	0	107,963
2042	58,277	0	58,277
2043	35,496	0	35,496
Total	4,906,957	2,074,892	6,981,849



Requirement Forecast Report

By Name

Department/Division: Museum & Art Centers Asset: Charles Allis Art Museum

Site: Charles Allis Art Museum

Asset Number: 5610

Report is grouped by Year

Currency: USD

Address 1	1801 N Prospect Ave	Address 2	-
City	Milwaukee	State/Province/Region	WI
Country	UNITED STATES OF AMERICA	ZIP	53202

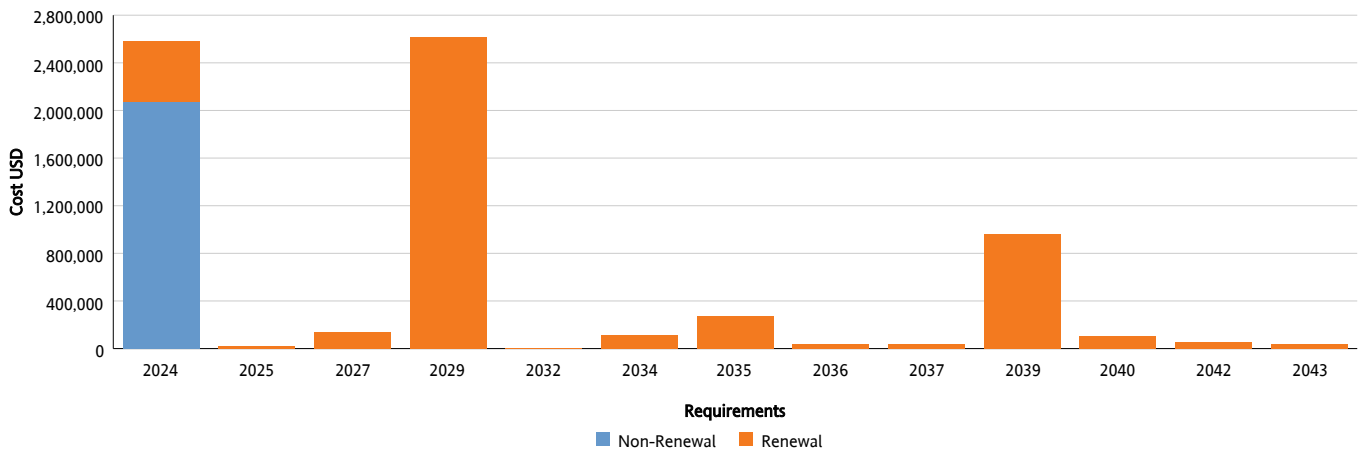
Current Replacement Value

6,022,447

Size

18,330 SF

Summary of Funding Needed by Requirement Type and Year



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2032	6,622	0	6,622
2034	114,588	0	114,588
2035	271,347	0	271,347
2036	33,619	0	33,619
2037	36,226	0	36,226
2039	960,152	0	960,152
2040	107,963	0	107,963
2042	58,277	0	58,277
2043	35,496	0	35,496
Total	4,906,957	2,074,892	6,981,849

Detail of Funding Needed by Year



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Year	System	Requirement Name	Renewal	Non-Renewal	Total
2024	A1010 - Standard Foundations	Repair Foundation Wall Plaster	0	1,532	1,532
	B2010 - Exterior Walls	Reconstruct Gables & Parapets	0	552,204	552,204
	B2010 - Exterior Walls	Repair Chimneys on House	0	84,231	84,231
	B2010 - Exterior Walls	Repoint & Repair Masonry Walls	0	934,467	934,467
	B2010 - Exterior Walls	Repoint Masonry at Gables	0	47,310	47,310
	B2020 - Exterior Windows	Paint Leaded Glass Window Frame	0	3,519	3,519
	B2020 - Exterior Windows	Refinish Steel Lintels and Security Grates	0	15,091	15,091
	B2020 - Exterior Windows	Steel Windows with Leaded Glass Renewal	46,391	0	46,391
	B2020 - Exterior Windows	Wood Windows Renewal	270,950	0	270,950
	B2030 - Exterior Doors	Exterior Doors- 3' x 7' H.M. - 81.25% Renewal	3,845	0	3,845
	B2030 - Exterior Doors	Paint Doors and Repair	0	1,531	1,531
	B3010 - Roof Coverings	Repair Copper Ridge	0	1,811	1,811
	B3010 - Roof Coverings	Repair House Roofing and Sheet Metal	0	226,654	226,654
	B3014 - Flashings and Trim	Parapet Stone Coping Renewal	6,854	0	6,854
	B3014 - Flashings and Trim	Repair Coping at Great Hall Roof	0	45,043	45,043
	B3016 - Gutters and Downspouts	Gutters and Downspouts: Deteriorated	0	3,937	3,937
	B3022 - Roof Hatches	Repair Hatch Drain Pipe	0	694	694
	B3022 - Roof Hatches	Roof Hatch Renewal	11,107	0	11,107
	C10 - Interior Construction	Restroom - Unisex Single w/ Bathtub - Attic Renewal	8,673	0	8,673
	C10 - Interior Construction	Restrooms - Unisex Single w/ Shower - Basement Renewal	23,668	0	23,668
	C1010 - Partitions	Paint Stair Walls at Roof Hatch	0	798	798
	C3010 - Wall Finishes	Ceramic Tile Wall Finish Renewal	6,997	0	6,997
	C3010 - Wall Finishes	Repair Linen Wallcovering	0	2,466	2,466
	C3020 - Floor Finishes	Refinish Wood Floors	0	12,501	12,501
	C3020 - Floor Finishes	Repair Damaged Carpet	0	501	501
	C3020 - Floor Finishes	Replace Ceramic Tile	0	598	598
	C3030 - Ceiling Finishes	Repair & Repaint the Damaged Plaster	0	1,088	1,088
	C3030 - Ceiling Finishes	Repair Attic Ceiling Plaster	0	3,212	3,212
	D2020 - Domestic Water Distribution	Replace Galvanized Water Piping	0	50,717	50,717
	D2020 - Domestic Water Distribution	Water Heater, Gas - 50 Gallon Renewal	5,657	0	5,657
	D2030 - Sanitary Waste	Replace Corroded Drain Piping	0	33,569	33,569
	D2040 - Rain Water Drainage	Sump Pump - Submersible - 1/2 HP Renewal	4,032	0	4,032
	D3040 - Distribution Systems	Exhaust Fans Renewal	12,480	0	12,480
D3050 - Terminal and Package Units	Energy Recovery Units Renewal	24,668	0	24,668	
D3050 - Terminal and Package Units	Furnace's - Gas Fired - 100 MBH - DX Cooling Renewal	32,269	0	32,269	
D3060 - Controls and Instrumentation	Pneumatic Controls Renewal	32,935	0	32,935	
D3092 - Special Humidity Control	Humidifiers H-1 and H-2 Renewal	1,296	0	1,296	
D5094 - Other Special Systems and Devices	Heat Trace Ice Melt System Renewal	18,109	0	18,109	
D5094 - Other Special Systems and Devices	Install New Heat Trace Ice Melting System	0	45,351	45,351	
	Roof Access Hatch: Deteriorated	0	6,067	6,067	
		Subtotal for 2024	509,930	2,074,892	2,584,822
2025	D5038 - Security and Detection Systems	Security System - CCTV Renewal	20,250	0	20,250
		Subtotal for 2025	20,250	0	20,250
2027	B2030 - Exterior Doors	Exterior Doors - 6 x 7 Wood - 1997 Renewal	38,119	0	38,119
	C10 - Interior Construction	Restroom - Men Double - 1st Floor Renewal	13,806	0	13,806
	C10 - Interior Construction	Restroom - Women Double - 1st Floor Renewal	10,047	0	10,047



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Year	System	Requirement Name	Renewal	Non-Renewal	Total
2027	D5012 - Low Tension Service and Dist.	Fused Disconnect Switch EL - 100A 240V 3P Renewal	2,189	0	2,189
	D5012 - Low Tension Service and Dist.	Main Distribution Panel MDP - 800A 208Y/120 3PH Renewal	27,382	0	27,382
	D5012 - Low Tension Service and Dist.	Panel A - 150A 120/240V 1PH 42C MCB Renewal	9,935	0	9,935
	D5012 - Low Tension Service and Dist.	Panel A-2 - 100A 120/240V 1PH 8C MLO Renewal	3,112	0	3,112
	D5012 - Low Tension Service and Dist.	Panel A-3 - 100A 120/240V 1PH 8C MLO Renewal	4,211	0	4,211
	D5012 - Low Tension Service and Dist.	Panel A-4 - 100A 120/240V 1PH 8C MLO Renewal	3,112	0	3,112
	D5012 - Low Tension Service and Dist.	Panel B - 225A 240 V 3PH 42C MLO Renewal	11,473	0	11,473
	D5012 - Low Tension Service and Dist.	Transformer T1 - 37.5kVA 240 x 120/240V 3-Phase Renewal	16,159	0	16,159
		Subtotal for 2027	139,545	0	139,545
2029	B2010 - Exterior Walls	Wood Soffit Renewal	328	0	328
	B2015 - Balcony Walls and Handrails	Ornamental Stone Guardrails Renewal	40,276	0	40,276
	B2020 - Exterior Windows	Wood Windows w/ Security Steel Grate Renewal	38,425	0	38,425
	B2020 - Exterior Windows	Wood Windows with Leaded Glass Renewal	84,014	0	84,014
	B2030 - Exterior Doors	Exterior Door - 3 x 7 Wood - 1997 Renewal	8,124	0	8,124
	B3010 - Roof Coverings	Roof Copper Ridge Renewal	25,775	0	25,775
	C10 - Interior Construction	Restroom - Unisex Single - 1st Floor Renewal	11,182	0	11,182
	C10 - Interior Construction	Restrooms - Unisex Single w/ Bathtub - 2nd Floor Renewal	45,099	0	45,099
	C1010 - Partitions	Plaster Walls - Painted - 62% Renewal	92,115	0	92,115
	C1020 - Interior Doors	Interior Doors - 3 x 7 Wd - 1911 Renewal	161,864	0	161,864
	C1020 - Interior Doors	Interior Doors - Pair - 6 x 7 HM - 1997 Renewal	24,387	0	24,387
	C1020 - Interior Doors	Interior Rolling Doors - Pair 3 x 7 Wd Renewal	25,148	0	25,148
	C2010 - Stair Construction	Exterior Stairs - 1911 Renewal	33,636	0	33,636
	C2011 - Regular Stairs	Concrete Stairs - Interior Renewal	1,585	0	1,585
	C2011 - Regular Stairs	Marble Stairs Renewal	92,505	0	92,505
	C3010 - Wall Finishes	Granite Wall Finish Renewal	44,703	0	44,703
	C3010 - Wall Finishes	Linen Wall Covering Renewal	26,296	0	26,296
	C3010 - Wall Finishes	Marble Wall Finish Renewal	131,174	0	131,174
	C3010 - Wall Finishes	Raised Wood Paneling Renewal	22,895	0	22,895
	C3020 - Floor Finishes	Carpeting - Broadloom Renewal	16,616	0	16,616
	C3020 - Floor Finishes	Ceramic Floor Tile Renewal	3,646	0	3,646
	C3020 - Floor Finishes	Granite Floor Finish Renewal	25,266	0	25,266
	C3020 - Floor Finishes	Vinyl Composition Floor Tile Renewal	1,997	0	1,997
	C3020 - Floor Finishes	Wood Flooring - 1911 Renewal	169,709	0	169,709
	C3020 - Floor Finishes	Wood Flooring - 1997 Renewal	82,646	0	82,646
	C3030 - Ceiling Finishes	Coffered Ceiling - Wood Stained Renewal	55,191	0	55,191
	C3030 - Ceiling Finishes	Crown Molding - Maple Renewal	8,504	0	8,504
	C3030 - Ceiling Finishes	Gypsum Wallboard Ceiling - 1997 Renewal	28,734	0	28,734
	C3030 - Ceiling Finishes	Plaster Ceiling - Decorative - Painted Renewal	48,168	0	48,168
	C3030 - Ceiling Finishes	Plaster Ceiling - Painted - 1911 Renewal	89,950	0	89,950
	C3030 - Ceiling Finishes	Plaster Ceiling- Painted - 1997 Renewal	46,883	0	46,883
	C3030 - Ceiling Finishes	Plaster Coffered Ceiling with Wood Renewal	79,535	0	79,535
D1010 - Elevators and Lifts	Passenger Elevator - Hydraulic - 3-Story Renewal	251,288	0	251,288	
D2010 - Plumbing Fixtures	Custodial/Utility Sink Renewal	64,939	0	64,939	
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge Renewal	92,213	0	92,213	
D3040 - Distribution Systems	Cast Iron Radiators Renewal	201,885	0	201,885	
D5021 - Branch Wiring Devices	Branch Wiring, Equipment & Devices Renewal	104,253	0	104,253	



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Year	System	Requirement Name	Renewal	Non-Renewal	Total
2029	D5022 - Lighting Equipment	Lighting - Exterior Fixtures Renewal	49,011	0	49,011
	D5022 - Lighting Equipment	Lighting - Interior Fixtures Renewal	166,874	0	166,874
	D5033 - Telephone Systems	Telephone System Renewal	6,442	0	6,442
	D5037 - Fire Alarm Systems	Fire Alarm Renewal	27,145	0	27,145
	D5039 - Local Area Networks	Local Area Network (LAN) System Renewal	16,983	0	16,983
	D5092 - Emergency Light and Power Systems	Emergency Lighting Battery Units (EBU) Renewal	1,411	0	1,411
	D5092 - Emergency Light and Power Systems	Exit Signs Renewal	9,120	0	9,120
	E2010 - Fixed Furnishings	Bowling Alley Ball Return Renewal	6,998	0	6,998
	E2010 - Fixed Furnishings	CWood Shelving Renewal	1,224	0	1,224
	E2010 - Fixed Furnishings	Fixed Casework Renewal	25,145	0	25,145
	E2010 - Fixed Furnishings	Kitchen Cabinets Renewal	12,768	0	12,768
	E2012 - Fixed Casework	Display Cases- Wall Recessed Renewal	8,868	0	8,868
	Subtotal for 2029			2,612,942	0
2032	D3040 - Distribution Systems	Hydronic Fin Tube Renewal	4,980	0	4,980
	D3092 - Special Humidity Control	Humidifiers H-1 and H-2 Renewal	1,642	0	1,642
Subtotal for 2032			6,622	0	6,622
2034	D3021 - Boilers	Boiler - Packaged Water Tube ? Renewal	63,883	0	63,883
	D3060 - Controls and Instrumentation	HVAC Electric Controls Renewal	46,447	0	46,447
	D4031 - Fire Extinguishers	Fire Extinguishers - Dry Chemical Renewal	4,258	0	4,258
Subtotal for 2034			114,588	0	114,588
2035	B3010 - Roof Coverings	Modified Bitumen Roofing Renewal	63,318	0	63,318
	D2020 - Domestic Water Distribution	Domestic Water Distribution Renewal	109,515	0	109,515
	D3020 - Heat Generating Systems	Booster Heating Coils Renewal	71,299	0	71,299
	D5038 - Security and Detection Systems	Security System - CCTV Renewal	27,214	0	27,214
Subtotal for 2035			271,347	0	271,347
2036	C2011 - Regular Stairs	Fire Escape With Steel Stairs Renewal	19,879	0	19,879
	D2040 - Rain Water Drainage	Sump Pump - Submersible - 1/2 HP Renewal	5,749	0	5,749
	D3012 - Gas Supply System	Natural Gas Service - 2" Feed Renewal	7,990	0	7,990
Subtotal for 2036			33,619	0	33,619
2037	D3050 - Terminal and Package Units	Energy Recovery Units Renewal	36,226	0	36,226
Subtotal for 2037			36,226	0	36,226
2039	C3010 - Wall Finishes	Linen Wall Covering Renewal	35,339	0	35,339
	C3020 - Floor Finishes	Carpeting - Broadloom Renewal	22,330	0	22,330
	C3020 - Floor Finishes	Vinyl Composition Floor Tile Renewal	2,684	0	2,684
	D1010 - Elevators and Lifts	Passenger Elevator - Hydraulic Single Person Renewal	172,719	0	172,719
	D1090 - Other Conveying Systems	Dumbwaiter Renewal	43,932	0	43,932
	D2020 - Domestic Water Distribution	Water Heater, Gas - 50 Gallon Renewal	8,813	0	8,813
	D3040 - Distribution Systems	Kitchen Exhaust Fan w/Hood Renewal	22,728	0	22,728
	D5012 - Low Tension Service and Dist.	Fused Disconnect Switch A-5 - 100A 240V 3P Renewal	2,301	0	2,301
	D5012 - Low Tension Service and Dist.	Main Electrical Service - 800A 208Y/120V 4W 3Ph Renewal	49,279	0	49,279
	D5012 - Low Tension Service and Dist.	Manual Transfer Switch - 60A 240V 3P Renewal	195,609	0	195,609
	D5012 - Low Tension Service and Dist.	Panel 3PH Basement - 400A 240V 3PH 24C MCB Renewal	20,607	0	20,607
	D5012 - Low Tension Service and Dist.	Panel A-5 - 100A 120/240V 1PH 42C MLO Renewal	18,295	0	18,295
	D5012 - Low Tension Service and Dist.	Panel C - 100A 240V 3PH 24C MLO Renewal	8,800	0	8,800
	D5012 - Low Tension Service and Dist.	Panel D - 100A 120/240V 1PH 4C MLO Renewal	4,730	0	4,730
D5012 - Low Tension Service and Dist.	Panel P/120 - 125A 120/240V 1PH 42C MCB Renewal	15,469	0	15,469	



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2039	D5012 - Low Tension Service and Dist.	Panel PEM/120 - 100A 120/240V 1PH 42C MCB Renewal	13,608	0	13,608
	D5012 - Low Tension Service and Dist.	Transformer T/120 - 50kVA 208V x 120/240V 1-Phase Renewal	16,434	0	16,434
	D5012 - Low Tension Service and Dist.	Transformer T/240 - 150kVA 208Y/120 x 240V 3-Phase Renewal	5,296	0	5,296
	D5033 - Telephone Systems	Telephone System Renewal	8,658	0	8,658
	D5092 - Emergency Light and Power Systems	Emergency Lighting Battery Units (EBU) Renewal	1,896	0	1,896
	D5092 - Emergency Light and Power Systems	Exit Signs Renewal	12,257	0	12,257
	D5094 - Other Special Systems and Devices	Heat Trace Ice Melt System Renewal	28,213	0	28,213
	E2010 - Fixed Furnishings	Fireplaces - Wood Burning Renewal	250,155	0	250,155
		Subtotal for 2039	960,152	0	960,152
2040	B3010 - Roof Coverings	Single-Ply Membrane Roofing Renewal	38,293	0	38,293
	D3050 - Terminal and Package Units	Furnace - Electric Heat - DX Cooling Renewal	17,138	0	17,138
	D5038 - Security and Detection Systems	Security Door Mag Lock Controls Renewal	52,532	0	52,532
		Subtotal for 2040	107,963	0	107,963
2042	D3060 - Controls and Instrumentation	Pneumatic Controls Renewal	56,070	0	56,070
	D3092 - Special Humidity Control	Humidifiers H-1 and H-2 Renewal	2,206	0	2,206
		Subtotal for 2042	58,277	0	58,277
2043	A1010 - Standard Foundations	Foundation Walls and Footings 8-Ft - 1911 Renewal	35,496	0	35,496
		Subtotal for 2043	35,496	0	35,496
		Total	4,906,957	2,074,892	6,981,849