BROOKFIELD PUBLIC SCHOOLS

10-Year Capital Requests

DRAFT as of 10/18/23

				Escalation Factor	0.50	1.030	1.061	1.093	1,126	1.159	1.194	1.230	1.267	1.305	
Location	Area	Marx / Okubo #	Item	Description	Year 1 2024-2025	Year 2 2025-2026	Year 3 2026-2027	Year 4 2027-2028	Year 5 2028-2029	Year 6 2029-2030	Year 7 2030-2031	Year 8 2031-2032	Year 9 2032-2033	Year 10 2033-2034	Total
		OKUOO#													
KFIELD I	HIGH SCHOOL														
BHS	Design		Architectural Services	Architectural services for a conceptual design schematic to address the following: energy efficiency updates, building envelope and passive solar, and fenestration of main facade renovation with enhanced security.	\$25,000										\$25,000
BHS	Envelope / Exterior	19	Windows	Replacement of single-pane aluminum windows			\$206,900	\$213,100	\$219,500						\$639,50
BHS	Envelope / Exterior	22	Windows	Replacement of cafeteria windows										\$61,100	\$61,10
BHS	Envelope / Exterior	24	Windows	Replacement of vinyl windows @ southwest wing									\$174,000		\$174,00
BHS	Mechanical	61	Lighting	Perform an interior lighting upgrade program.		\$412,000									\$412,00
BHS	Design	51	Engineering Design	Feasibility study and preliminary engineering design to provide cooling to 100% of the building	\$25,000										\$25,00
внѕ	Mechanical	43	Gym UVs	Replacement of 2 UVs, removal of 2 abandoned UVs, modifications to supply ductwork and controls, allowance for engineering oversight and temporary access.		\$92,700									\$92,70
BHS	Mechanical	52	Unit Ventilators	Phased replacement of all classroom UVs	\$40,200	\$41,500	\$42,700	\$44,000	\$45,300	\$46,700	\$48,100	\$49,500	\$51,000	\$52,500	\$461,5
BHS	Envelope / Exterior	6,13	Roof	Section D (library) based on current pricing for Guidance Wing roof	\$381,900										\$381,9
BHS	Envelope / Exterior	7,13	Roof	Section R (classrooms) based on current pricing for Guidance Wing roof			\$562,300								\$562,3
BHS	Envelope / Exterior	10, 13	Roof	2006/08 Roof Section - roof overlay										\$180,900	\$180,9
BHS	Envelope / Exterior	9,13	Roof	Section B/C/E/P/H/O/V/W (??)						\$868,100					\$868,1
BHS	Envelope / Exterior	16	Chimney	Removal of decommissioned chimney; between roof sections E and F						\$29,000					\$29,00
BHS	Mechanical	53	Condensers	Replace all condensing units on north roof.			\$42,400	\$43,600							\$86,00
BHS	Mechanical	54	Condensers	Replace condenser on grade at south side of building.				\$13,200							\$13,20
BHS	Mechanical	55	Rooftop Units	Replace rooftop package units based on age and EUL		\$25,000	\$25,500	\$26,300	\$27,100						\$103,9
BHS	Interior	36	Ceiling Tiles	To be replaced w/ roof sections	\$30,000										\$30,00
BHS	Mechanical		BMS	Tie in rooftop units to BMS	\$100,000										
BHS	Mechanical	64	Fire Alarm Control Panel	Manufacturer discontinued panel in 2010; still operational but should be upgraded.					\$337,700						\$337,70
BHS	Envelope / Exterior	29, 30, 31	Doors	Repair/replace exterior doors, door frames, overhead door for utility/sports equipment room.		\$30,900									\$30,90
BHS	Mechanical		Oil Tank	Removal & replacement of 10,000 gallon underground oil tank	\$500,000										\$500,0
BHS	Mechanical	42	RCx	Retro-commissioning of mechanicals (calibration, adjustment, testing, low-cost modifications). Recommended every 10 years.							\$71,700				\$71,70
BHS	Interior	38	Restrooms	3 restrooms per year until complete	\$165,000			\$180,300	\$185,800		\$394,100	\$203,000	\$209,100	\$215,300	\$1,552,
BHS	Technology		WiFi	WiFi infrastructure upgrade inclunding access points, wiring, labor, controlers, servers. Likely subject to e-Rate funding (currently 50%)	1						\$136,800				\$136,86
				TOTAL BROOKFIELD HIGH SCHOOL	\$1,267,100	\$602,100	\$879,800	\$520,500	\$815,400	\$943,800	\$650,700	\$252,500	\$434,100	\$509,800	\$6,875,8

BROOKFIELD PUBLIC SCHOOLS

10-Year Capital Requests

DRAFT as of 10/18/23

				Escalation Factor:	1.000 Year 1	1.030 Year 2	1.061 Year 3	1.093 Year 4	1.126 Year 5	1,159 Year 6	1.194 Year 7	1,230 Year 8	1,267 Year 9	1.305 Year 10	
ocation	Area	Marx / Okubo #	Item	Description	2024-2025		2026-2027		2028-2029			2031-2032		2033-2034	Tota
O	MDV F 46VIOO	, стимо р													
ONIER	MIDDLE SCHOOL			Architectural services for a conceptual design schematic to address the											
WMS	Design		Architectural Services	following: energy efficiency updates, building envelope and passive solar, and fenestration of main facade renovation with enhanced security.	\$25,000										\$25,0
WMS	Envelope / Exterior	17, 18, 19	Windows	Window replacements				\$72,500	\$74,700						\$147,
WMS	Design	36	Engineering Design	Feasibility study and preliminary engineering design to provide cooling to 100% of the building	\$25,000										\$25,0
WMS	Envelope / Exterior	5,7	Roof	Sections A/C/D/E/F	\$562,000	\$229,000	\$235,900	\$243,000							\$1,269
WMS	Envelope / Exterior	9	Roof	Sections B/K Q			\$193,100	\$198,900	\$204,900						\$596,9
WMS	Envelope / Exterior	30	Rooftop Units	Replace 4 large rooftop units at end of EUL		\$92,700	\$95,500	\$98,400	\$101,300						\$387,5
WMS	Envelope / Exterior	30	Rooftop Units	Replace 7 small to medium rooftop units at end of EUL		\$18,600	\$19,100	\$19,700	\$20,300	\$20,900	\$21,500	\$22,200			\$142,3
WMS	Interior	28	Ceiling Tiles	To be replaced w/ roof sections	\$30,000										\$30,0
WMS	Mechanical	35	Unit Ventilators	Phased replacement of all classroom UVs	\$45,000	\$46,400	\$47,800	\$49,200	\$50,700	\$52,200	\$53,800	\$55,400	\$57,100	\$58,800	\$516,
WMS	Interior	27	Gym Floor	Remove current flooring and replace w/ synthetic cushioned seamless flooring		\$154,500									\$154,
WMS	Mechanical	39	Water	Domestic water service upgrade including new water service from Aquation.		\$618,000									\$618,
BHS	Mechanical		Oil Tank	Removal & replacement of 10,000 gallon underground oil tank			\$530,500								\$530,
WMS	Mechanical	29	Boiler	Replace 1 currently inoperable boiler to bring facility up to 2 functioning boiler units (critical for redundancy in the system)	\$225,000										\$225,
WMS	Mechanical	46	Fire Alarm Control Panel	Replace at end of EUL							\$29,900				\$29,5
WMS	Mechanical	48	Fire Pump & Controller	Replace at end of EUL							\$41,800				\$41,8
WMS	Technology		WiFi	WiFi infrastructure upgrade inclunding access points, wiring, labor, controlers, servers. Likely subject to e-Rate funding (currently 50%)						\$109,900					\$109,
				TOTAL WHISCONIER MIDDLE SCHOOL	\$912,000	\$1,159,200	\$1,121,900	\$681,700	\$451,900	\$183,000	\$147,000	\$77,600	\$57,100	\$58,800	\$4,850,
		_		WiFi infrastructure upgrade inclunding access points, wiring, labor,								****	_		*****
CLES	Technology		WiFi	controlers, servers. Likely subject to e-Rate funding (currently 50%)								\$222,700			\$222,
			8	TOTAL CANDLEWOOD LAKE ELEMENTARY SCHOOL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$222,700	\$0	\$0	\$222,
				TOTAL BHS, WMS, CLES	\$2,179,100	\$1,761,300	\$2,001,700	\$1,202,200	\$1,267,300	\$1,126,800	\$797,700	\$552,800	\$491,200	\$568,600	\$11,94
				Previous Capital Requests	YE 2020 \$1,944,372	YE 2021	YE 2022	YE 2023 \$1,430,267	YE 2024 \$661,304						

BROOKFIELD PUBLIC SCHOOLS

2024-25 Capital Requests

DRAFT as of 10/18/23

Location	Area	Marx / Okubo	Item	Description	2024-2025
BHS	Design	#.	Architectural Services	Architectural services for a conceptual design schematic to address the following: energy efficiency updates, building envelope and passive solar, and fenestration of main facade renovation with enhanced security.	\$25,000
внѕ	Design	51	Engineering Design	Feasibility study and preliminary engineering design to provide cooling to 100% of the building	\$25,000
BHS	Mechanical	52	Unit Ventilators	Phased replacement of all classroom UVs	\$40,200
BHS	Envelope / Exterior	6,13	Roof	Section D (library) based on current pricing for Guidance Wing roof	\$381,900
BHS	Interior	36	Ceiling Tiles	To be replaced w/ roof sections	\$30,000
BHS	Mechanical		BMS	Tie in rooftop units to BMS	\$100,000
BHS	Mechanical		Oil Tank	Removal & replacement of 10,000 gallon underground oil tank	\$500,000
BHS	Interior	38	Restrooms	3 restrooms per year until complete	\$165,000
				TOTAL BROOKFIELD HIGH SCHOOL	\$1,267,100

				TOTAL WHISCONIER MIDDLE SCHOOL	\$912,000
WMS	Mechanical	29	Boiler	Replace 1 currently inoperable boiler to bring facility up to 2 functioning boiler units (critical for redundancy in the system)	\$225,000
WMS	Mechanical	35	Unit Ventilators	Phased replacement of all classroom UVs	\$45,000
WMS	Interior	28	Ceiling Tiles	To be replaced w/ roof sections	\$30,000
WMS	Envelope / Exterior	5,7	Roof	Sections A/C/D/E/F	\$562,000
WMS	Design	36	Engineering Design	Feasibility study and preliminary engineering design to provide cooling to 100% of the building	\$25,000
WMS	Design		Architectural Services	energy efficiency updates, building envelope and passive solar, and fenestration of main facade renovation with enhanced security.	\$25,000
				Architectural services for a conceptual design schematic to address the following:	

TOTAL BHS & WMS	\$2,179,100