

**RICHMOND SCHOOL DISTRICT
FACILITIES RENEWAL PROGRAM
2023-2024**

04-May-2023

Final

Description	Sites	Estimated Cost	Funding	Comments
FUNDING				
Ministry Allocations			\$ 5,120,417	Annual Facility Grant (AFG)
			1,997,808	School Enhancement Program (SEP)
			724,730	SEP 2022/2023 Carry Forward
			1,171,562	Carbon Neutral Capital Program (CNCP)
			455,000	Seismic Mitigation Program (SMP)
Total Estimated Funding			\$ 9,469,517	
EXPENDITURES				
Building Envelope Renewal				
Roof Remediation and Seismic Upgrade of Roof Diaphragm	Facilities Services Centre (Areas 1,3-6,8-9)	523,941	AFG	Replacement of roofing membranes, seismic upgrade of roof diaphragms where needed, design and inspection services.
	School Board Office (Area 7)	165,000		
	R.C. Palmer (Area 16)	500,000		
	James Gilmore (Area 4)	110,000		
	W.D. Ferris (Area 27)	65,000		
	Manoah Steves (Area 1)	180,000	SMP	
	F.A. Tomsett (Areas 1,7,28,30)	275,000		
Building Envelope Restoration	Facilities Services Centre	100,000	AFG	Replace failed windows with new - main floor
	School Board Office	40,000		Replace doors on west deck, off Boardroom, and install overflow scuppers
Exterior Painting - Building	Hugh McRoberts, General Currie	175,000	AFG	Annual program - re-paint walls, doors, window frames, trim
Metal Roof System Refinishing	H.J. Cambie	140,000	AFG	Multi-year program - coat existing sloped roof panels that have surface rust with special rust inhibiting coating
Exterior Door Hardware and Security	Hugh Boyd, A.J. Burnett, H.J. Cambie, R.A. McMath, Matthew McNair, Hugh McRoberts, R.C. Palmer, Steveston-London	20,000	AFG	Replace door hardware on double doors - vertical rod replacement change to horizontal and removable mullion
Interior Construction & Finishes Renewal				
Flooring Replacement	Spul'u'kwuks, Hugh Boyd	65,000	AFG	Replacement of carpet in library and computer lab with new vinyl flooring
	Kingswood, Wowk, Kilgour	114,000		Replacement of failing floor finishes in classrooms and pods
Folding Partition Replacement	Kingswood	45,000	AFG	Replace folding partitions with mall sliders in Pods B and D
Science Room Counter Replacement	Steveston-London, H.J. Cambie	30,000	AFG	Replace damaged counters with new acid-resistant materials
Interior Painting Renewal	Hugh Boyd (gym and changerooms), General Currie, Kilgour	150,000	AFG	Annual program - re-paint walls, doors, painted ceilings and cabinet work, window frames, trim
Gym Acoustics Renewal	Blundell, James Gilmore, William Cook, Garden City	89,929	AFG	Add tectum panels and trim to upper walls of gyms, cover the old/decaying insulation
Gym Ceiling Replacement	Hugh Boyd	123,811	AFG	Installation of new acoustical wood fibre panel ceiling to replace failing ceiling system
Custodial Room Upgrades	Blundell	10,000	AFG	New flooring, floor sink, shelving, painting
Room Renumbering Program	Lord Byng, Garden City	20,000	AFG	Annual Program (new room signage and DDC programming to standardize District room numbering to 5 digit system)
Gym Flooring Renewal	Hamilton, Hugh Boyd, Donald E. McKay, James McKinney, Garden City, R.A. McMath, Richmond, Ferris	79,616	AFG	Annual program - refinishing, resanding as necessary, re-coating of sealant on gym wood floors
Electrical & Security Systems Renewal				
Interior LED Lighting Retrofit Program	Hugh McRoberts, Lord Byng	636,000	CNCP	Replace antiquated lighting and controls with longer life, energy saving units
		55,000	AFG	
Emergency Lighting System Upgrade Program	R.C. Palmer, Sea Island, Kilgour	50,000	AFG	Multi-year program - replacement of exit signs with new standard
Main Distribution System Renewal	W.D. Ferris, Donald E. McKay	75,000	AFG	Multi-year program - renewal of main distribution disconnects and splitter boxes
Fire Alarm System Renewal	James Thompson, Quilchena, R.M. Grauer, Donald E. McKay, Manoah Steves, John G. Diefenbaker, Lord Byng, Tomekichi Homma, Westwind, James McKinney	50,000	AFG	Multi-year program - replace obsolete fire alarm bells and pullstations

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Security System Renewal	James Thompson, Quilchena, R.M. Grauer, Donald E. McKay, Manoah Steves, John G. Diefenbaker, Lord Byng, Tomekichi Homma, Westwind, James McKinney	75,000	AFG	Multi-year program - upgrade motion sensors and wiring
Audio-Video Systems Renewal				
Public Address System Upgrades	Samuel Brighthouse, Robert J. Tait, H.J. Cambie	182,990	AFG	Final year of multi-year program - replacement of antiquated equipment with modern technology
Mechanical Systems Renewal				
Boiler Replacement Program	R.C. Talmey, Tomekichi Homma, Steveston-London	307,500	AFG	Replace antiquated atmospheric boilers with new high efficiency condensing units
RTU Replacement Program	Quilchena, Rideau Park Resource Centre	330,000	AFG	Replace antiquated rooftop heating units with new high efficiency units
Duct Cleaning	A.R. MacNeill, Matthew McNair, H.J. Cambie, General Currie, Maple Lane	75,000	AFG	Annual program to clean existing air delivery ductwork
Lab Ventilation Safety Upgrades	All Secondary Schools	987,538	SEP	Upgrade existing fume hoods and controls to current safety standards
		60,000	AFG	
Dust Extraction System Upgrades	Matthew McNair, Richmond, R.A. McMath	1,735,000	SEP	Upgrade existing shop dust extraction systems to current safety standards
		469,000	AFG	
Mechanical Controls Renewal	R.A. McMath, Samuel Brighthouse, Hamilton	535,562	CNCP	Replace pneumatic HVAC control system with direct digital control
		207,000	AFG	
Plumbing Systems Renewal				
Grease Trap Renewal	H.J. Cambie	25,000	AFG	Multi-year program - replace antiquated grease traps in kitchens
Fire Suppression System Renewal	R.C. Palmer, Rideau Park Resource Centre	113,075	AFG	Multi-year program - replacement sprinkler heads with quick response units
Domestic Hot Water Heating System Upgrade	H.J. Cambie	60,000	AFG	Replace antiquated boiler and tank with energy efficient on-demand system
Grounds Upgrades				
Pavement Restoration Program	Mitchell, Tomekichi Homma, James Gilmore, Rideau Park Resource Centre, Garden City, Alfred B. Dixon, James Thompson, R.C. Talmey, Hugh McRoberts	270,000	AFG	Annual program - replacement of failed pavements and substructure on roads, carparks and play areas
Fencing Rehabilitation Program	Garden City, F.A. Tomsett	15,000	AFG	Annual program - replacement of failing chain link fences and gates
Playground Renewal Program	Manoah Steves, Samuel Brighthouse, James Whiteside, Daniel Woodward, Henry Anderson, Walter Lee	70,000	AFG	Annual safety and asset preservation program - replace borders, fibre fill, enhance transitions
Health and Safety Programs				
Indoor Air Quality	18 sites	12,600	AFG	Assessments of 46 portable classrooms
Asbestos Management	55 Sites	18,900	AFG	Multi-year program - update ACM inventory and room labels
Hazardous Materials Reports	4 sites	14,100	AFG	Multi-year program - assessment and renewal of hazardous materials in school construction
Learning Services Programs				
Accessibility, other minor projects	All schools	18,955	AFG	Allowance for Learning Services upgrade and renewal requests
Total Facilities Renewal Program 2023/2024		\$ 9,469,517		