

# B&G Committee Meeting

5/21/19

Buchanan Wing ONLY - April 2019 Survey						
IMPROVEMENTS MENU				COST RANGE		
Exterior	AREA					
Roofing ( Buchanan Only)	98,500	\$ 13	\$ 16	\$ 1,280,500	\$ 1,576,000	Complete tear off, new insul, EPDM etc.
Control Joints/Caulking		ALLOWANCE		\$ 5,000	\$ 7,500	Water infiltration
Precast		ALLOWANCE		\$ 15,000	\$ 20,000	Masonry Repairs
Re-Pointing		ALLOWANCE		\$ 10,000	\$ 15,000	Masonry Repairs
EIFS		ALLOWANCE		\$ 18,000	\$ 22,000	Reseal/Coat
Interior	193,000	Total				
Finishes		\$ 6	\$ 8	\$ 1,158,000	\$ 1,544,000	Painting/CR flooring/Terr refinishing
Casework	42	EA		\$ 630,000	\$ 924,000	Allow/CR ONLY
Doors/hdwe	150	EA		\$ 135,000	\$ 187,500	Condition and security
Science/ FACS Labs	8	EA		\$ 560,000	\$ 600,000	All new casework, lab stations
PAC						
Curtain replacement		ALLOWANCE		\$ 55,000	\$ 65,000	Main Curtain Only
Stage Rigging		ALLOWANCE		\$ 150,000	\$ 175,000	Needs to be assessed/code
Lighting Console		ALLOWANCE				
Sound Console		ALLOWANCE		\$ 400,000	\$ 475,000	
LED stage lighting		ALLOWANCE				
Auditorium seating original	800			\$ 120,000	\$ 140,000	Good, needs parts...
Screen replacement		ALLOWANCE		\$ 4,500	\$ 5,500	
MEP Systems		\$ 65	\$ 75	\$ 12,545,000	\$ 14,475,000	ALL new HVAC, Plumb, Elec systems
	subtotal			\$ 17,086,000	\$ 20,231,500	

\* Excludes :

Educational program  
needs for additional SF

Gym equipment &  
flooring

COST RANGE

This is Buchanan Wing only

Comprehensive Renovation Range	125/SF	135/SF
	24,125,000	26,055,000

ASHRAE Applications  
Comparisons of Service Life Estimates  
Median Service Life (Years)

Equipment Item	Years
Water Source/Geothermal Heat Pumps	19
Rooftop Air Conditioners	15
Steel Boilers	25-30
Cast Iron Boilers	30-35
Burners	21
Hot Water Unit Heaters	20
Ductwork	30
VAV Boxes	20
Dampers	20
Centrifugal Exhaust Fans	25
Coils (Steam or Hot Water)	20
Water Cooled Centrifugal Chillers	25
Air Cooled Chillers	20
Galvanized Cooling Towers	15-20
Evaporative Coolers	15-20
HVAC Insulation	20
Base Mounted Pumps	20
In-Line Pumps	10
Controls	15
Valve Actuators	15
Transformers	30
Electric Motors	18
Motor Starters	17