

ADMINISTRATION RECOMMENDATION "A"

MECHANICAL SYSTEM PRELIMINARY BUDGET
BROOKS MIDDLE SCHOOL
STR Project No. 14090

9/15/14

A

	HEATING	COOLING			VENTILATION				CONTROLS
	Replace 2 Boilers	Replace two 80-Ton Condensing Units	Replace one 10-Ton Condensing Unit	Add A/C to Gym: New Condensing Unit and AHU	Replace AH-1 And AH-2	Replace AH-3	Replace AH-4	Replace VAV Boxes	New Head-End DDC Control
Equipment: Boiler	\$275,000								
Equipment: Condensing Units		\$160,000	\$40,000	\$80,000					
Equipment Air Handling Units				\$80,000	\$160,000	\$60,000	\$60,000		
Ductwork Modification				\$60,000	\$40,000	\$10,000	\$10,000		
Ductwork Insulation				\$100,000					
Lifting/Setting		\$12,000	\$6,000	\$10,000					
Refrigerant capture and recycle		\$10,000	\$4,000						
New DX Piping to AHU		\$24,000	\$12,000	\$12,000					
Electrical connect/reconnect		\$20,000	\$10,000	\$20,000	\$20,000	\$10,000	\$10,000		
Controls		\$35,000	\$17,000	\$45,000	\$45,000	\$22,500	\$22,500		
Roofing		\$10,000	\$8,000	\$10,000					
Interior Allowance				\$10,000	\$15,000	\$15,000	\$15,000		
Test and Balance				\$10,000	\$8,000	\$4,000	\$4,000	\$24,000	
New VAV Boxes Piped and Installed								\$324,000	
New Thermostats								\$80,000	
Ceiling Removal, Reinstallation								\$40,000	
Equipment DDC Control System									\$85,000
Subtotal	\$275,000	\$271,000	\$97,000	\$437,000	\$288,000	\$121,500	\$121,500	\$468,000	\$85,000
Contingency	\$55,000	\$54,200	\$19,400	\$87,400	\$57,600	\$24,300	\$24,300	\$93,600	\$17,000
Contractors OH&P	\$49,500	\$48,780	\$17,460	\$78,660	\$51,840	\$21,870	\$21,870	\$84,240	\$15,300
Total Construction Budget	\$379,500	\$373,980	\$133,860	\$603,060	\$397,440	\$167,670	\$167,670	\$645,840	\$117,300

STR

12/15/14