

DRAFT IAC Ed Spec - Total Cost of Ownership - ESTIMATE TOOL

School Name: EdSpec WG Academy

LEA: Maryland County

PROJECT 1ST COSTS OF BUILDING SCHOOL FACILITY	Local	State CIP	Total
Total Project Cost	\$30,611,600	\$14,288,400	\$44,900,000
Per Student with Design Capacity (800 students)			
Excluding Soft Costs	\$30,890	\$17,861	\$48,750
With all Project Costs	\$38,265	\$17,861	\$56,125
Per Student with Current Enrollement (550 students)			
Excluding Soft Costs	\$44,930	\$25,979	\$70,909
With all Project Costs	\$55,657	\$25,979	\$81,636
<u>What If</u> - with IAC MGAA (108 GSF/student) and Design Capacity (800)			
Total Project Cost	\$28,171,600	\$14,288,400	\$42,460,000
Per Student excluding Soft Costs	\$24,260	\$17,861	\$42,120
Per Student with all Project Costs	\$35,215	\$17,861	\$53,075

COST OF FACILITY OWNERSHIP (on top of 1st Project Cost)	Local	State CIP	Total
Routine Maintenance and Operations 2% of MACC w/o Capital Maintenance or Sinking Fund			
Annual Cost	\$780,000	\$0	\$780,000
30-year Cost Total	\$23,400,000	\$0	\$23,400,000
30 year Cost per Student (Design Capacity)	\$29,250	\$0	\$29,250
All Required Maintenance and Operations 4% of MACC w/o Sinking Fund			
Annual Cost	\$1,170,000	\$390,000	\$1,560,000
30-year Cost Total	\$35,100,000	\$11,700,000	\$46,800,000
30 year Cost per Student (Design Capacity)	\$43,875	\$14,625	\$58,500

Project Information

IAC Maximum Eligible Students	700	
Student Design Capacity (Project #)	800	
Current Student Enrollment	550	
Grades Served	K-6	
Project Gross Square Feet (GSF)	100,000	
Project GSF Per Student	125.0	
IAC GSF Per Student	108.0	
IAC Maximum Eligible Gross Area	75,600	
IAC Eligible Square Foot Cost	\$378	
IAC Maximum Eligible Funding	\$28,576,800	
IAC Maximum State Participation	50%	
IAC Maximum Project Funding	\$14,288,400	
FTE Teachers	50.0	
FTE Other Personnel	30.0	
Teacher : Student Ratio (w/design capacity)	16.0	800
All FTE : Student Ratio (w/design capacity)	10.0	800

Max Allowable Const Cost (MACC)

		Local	State	Total
Project Cost without Soft Costs	Contract	\$24,711,600	\$14,288,400	\$39,000,000
Square Foot Cost to Build	\$390			MACC

Project Soft Costs (in addition to MACC)

Long Range Planning	Cost	\$20,000		\$20,000
Design Cost (% of MACC)	6%	\$2,340,000		\$2,340,000
Land	Cost	\$3,500,000		\$3,500,000
Demolition	Cost	\$0		\$0
Off-site Infrastructure	Cost	\$1,200,000		\$1,200,000
FF&E (4-7% of MACC)	6%	\$2,340,000		\$2,340,000
Total Soft Costs		\$5,900,000		\$5,900,000

Total Project Costs	\$30,611,600	\$14,288,400	\$44,900,000
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Annualized Costs of Ownership (% of MACC) or Calculated Life Cycle Costs

Annual M&O				
4% Routine, Emergent, Utilities and Custodial	2%	\$780,000		\$780,000
Annual Capital Maintenance (Systemics, Major Repair, Program Support/Modernize/Additions)	2%	\$390,000	\$390,000	\$780,000
Facility Replacement or Renewal "Sinking Fund"	2%	\$780,000		\$780,000