

**Crabtree, Rohrbaugh & Associates - Architects**

250 West Main Street, Suite 200

Charlottesville, VA 22902

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Conewago Valley School District**Conewago Township Elementary School****BID SUMMARY**

ACT 34 Construction Cost Estimate	\$	30,460,639
Base Bid Amount	\$	33,090,000
Base Bid Difference between Estimate	\$	(2,629,361)

Base Bid Plus Alternate Recommendations

General Construction - Lobar Inc.	BASE BID	\$	19,327,000
Alt. GC-1 Unclassified Excavation	ADD	\$	22,000
Alt. GC-2 Mulch Playground Surface	DEDUCT	\$	(264,000)
Alt. GC-3 Kindergarten Wing Casework	DEDUCT	\$	(68,000)
Alt. GC-4 EPDM Roofing – 30 Year Warranty	ADD	\$	-
Alt. GC-4 Existing Roof to Remain	DEDUCT	\$	-
Alt. GC-4 Sitework Milling and Overlay	ADD	\$	-
GC Subtotal		\$	19,017,000

HVAC Construction - Midline Mechanical	BASE BID	\$	6,148,000
Alt. HC-1 Heat Pump Replacement	ADD	\$	167,000
Alt. HC-2 Johnson Controls Equip.	DEDUCT	\$	-
Alt. HC-3 Carrier HVAC Equipment	ADD	\$	-
Alt. HC-4 Cook Ventilation Equipment	ADD	\$	-
Alt. HC-5 Penn Ventilator	ADD	\$	-
Alt. HC-6 Captiveaire Ventilation Equipment	ADD	\$	-
HVAC Subtotal		\$	6,315,000

Plumbing Construction - Myco Mechanical	BASE BID	\$	2,727,000
Alt. PC-1 Unclassified Excavation	ADD	\$	-
Alt. PC-2 PEX Pipe Material	DEDUCT	\$	-
Alt. PC-3 Kindergarten Wing Casework	DEDUCT	\$	(24,000)
Alt. PC-4 Existing Roofing to Remain	DEDUCT	\$	-
PC Subtotal		\$	2,703,000

Electrical Construction - MidState Mech. & Elec.	COMBINED BASE BID	\$	4,888,000
Alt. EC-1 Unclassified Excavation	DEDUCT	\$	5,531
Alt. EC-2 Aluminum Feeders	DEDUCT	\$	-
EC Subtotal		\$	4,893,531

Total Construction Costs	\$	32,928,531
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Conewago Valley School District**Conewago Township Elementary School Additions & Renovations****Comparison of Bid Results to Act 34 Total Project Cost Estimate**

		Act 34 Cost Estimate		Base Bid + Alternates	
Construction Costs				Difference	
General Construction		\$19,446,439		\$ 19,017,000	\$429,439
HVAC Construction		\$4,720,000		\$ 6,315,000	\$ (1,595,000)
Plumbing Construction		\$2,046,200		\$ 2,703,000	\$ (656,800)
Electrical Construction		\$4,248,000		\$ 4,893,531	\$ (645,531)
Subtotal		\$30,460,639		\$ 32,928,531	\$ (2,467,892)
Construction Related Soft Costs					
Construction Contingency		\$753,976		\$ 753,976	
Construction Testing & Inspection		\$678,579		\$ 231,594	\$446,985
Commissioning		\$376,988		\$ 84,564	\$292,424
Regulatory Agency Fees		\$301,590		\$ 301,590	
Construction Manager		\$562,310		\$ 562,310	
Subtotal		\$2,673,443		\$ 1,934,035	\$ (739,409)
Project Related Soft Costs					
Basic Services		\$2,118,335		\$ 2,118,335	
Civil Engineering		\$160,480		\$ 160,480	
Geotechnical Investigation		\$10,800		\$ 10,800	
Site Survey		\$16,135		\$ 16,135	
Sewer Module Planning		\$2,150		\$ 2,150	
Utility Tap-In Fee		\$50,000		\$ 50,000	
Traffic Assessment		\$5,620		\$ 5,620	
Traffic Study		\$25,000		\$ 25,000	
Food Service Consultant		\$19,096		\$ 19,096	
Printing/Mailing/Web Based Construction		\$50,590		\$ 50,590	
Furniture/Equipment Allowance		\$1,055,567		\$ 1,055,567	
Financing		\$991,397		\$ 991,397	
Subtotal		\$4,505,170		\$ 4,505,170	
TOTAL PROJECT COST		\$ 37,639,252		\$ 39,367,735	\$ 1,728,483

*Italicized amounts are soft costs to be determined***4.6%**