

NKN HVAC Upgrade
2/8/2023



DESCRIPTION

Original Base Bid:	\$2,377,360	Includes 10% contingency (5% each for owner & Contractor, \$216,124.00 total).
Base Bid w/ approved VE (Exhibit A):	\$2,093,685	Includes an 8% contingency, \$167,495.00 total.
Alt #1:	(\$38,895.00)	Eliminate all work related to the Art Room (UV-1, FFU-1, EF-3, and Kiln Hood).
Alt #2:	(\$64,700.00)	Eliminate ERV-5 (Student Resource Center) including all related ductwork, roof hoods, controls, and structural work.
Alt #3:	(\$134,300.00)	Eliminate AHU-1 (Physical Education Auditorium, 209) including all related ductwork, louvers, controls, and structural work.
Alt #4:	(\$69,420.00)	Eliminate AHU-2 (Auxiliary Gym, 214) including all related ductwork, louvers, controls, and structural work.
Alt #5:	(\$76,200.00)	Eliminate ERV-2 (Weight Room, 85) including all related ductwork, louvers, controls, and structural work.
Alt #6:	(\$65,580.00)	Eliminate the replacement of all ductwork associated with Toweling room 78, and Locker room 100 on the ground level and up to the attic on the main level, leave existing ceilings, add Duct cleaning.
Alt #7:	(\$52,692.00)	Re-design the ERV's to Mitsubishi as basis of design. Use attached marked up drawings M100 & M200 as basis of design.
Alt #8: Saved GC's from One Summer of Work	(\$133,500.00)	All work to be completed during the summer of 2023. Assumes full access to the school from 6/19/23 through 9/1/23. Assumes that the HVAC and Electrical Subcontractors are able to procure all equipment by the middle of June. Note: this will most likely require some use of the Contingency funds to pay for Overtime Labor.
Total Less All Deductive Alternates	\$1,458,398	
8% Contingency on Base Bid w/ VE Options	\$167,495	
Total Base + Alternates + Contingency	\$1,625,893	TOTAL Project Cost after VE (Exhibit A) and all Deductive Alternates.

Suggested Examples:

Total Base + Alternates + Contingency + Alt #2	\$1,690,593	Adds the Student Resource Center back into the project.
	\$167,495	8% contingency
	\$1,523,098	Total Project Cost if no contingency \$'s are needed
	\$1,600,000	desired budget maximum
Total Base + Alternates + Contingency + Alt #2 + Alt #5	\$1,740,988	Total Project Cost: Adds the Student Resource Center and Weight Room back into the project.
	\$167,495	8% contingency
	\$1,573,493	Total Project Cost if no contingency \$'s are needed
	\$1,600,000	desired budget maximum
		NOTE: check with TPUD as there may be a BPA incentive available with the Mitsubishi ERV's.
Total Base + Alternates + Contingency + Alt #2 + Alt #5 + Alt #7	\$1,793,680	Gets the overall project scope of work back to the original design for all ERV's, but eliminates the two new AHU's.
	\$38,669.00	BPA incentive (confirm this amount with TPUD & BPA)
	\$1,755,011.19	sub total
	\$167,495.00	8% contingency
	\$1,587,516.19	Total Project Cost if no contingency \$'s are needed
	\$1,600,000.00	desired budget maximum