

**The Knox County Schools  
FY11 Roof and HVAC Projects**

Roofs	D	W/O	Request Description	Budgeted
BEARDEN HIGH	5	1298	Replace Sections A - L	\$1,024,180
VINE MIDDLE	1	1295	Total Roof Replacement	\$790,000
			<b>Sub Total</b>	<b>\$1,814,180</b>
Trane	D	W/O	Request Description	Budgeted
KARNS HIGH			Replace 59 FCU and 78 UV, replace distribution duct work down stream of FCU	
			Install VFD on tower and pumps replace pneumatic control valves on boiler system	
			Remove existing rack chiller install new 300 ton Trane Earthwise® CenTraVac®	
			Test & Balance water systems	
CENTRAL HIGH			Replace two units on VoTech School Multizone (MZU) and Rooftop Unit (RTU)	
			Replace 24 Unit Ventilators (UV) & 73 Fan Coil Units (FCU) in areas A & B	
			Replace 43 FCU in areas C, D & E	
			Replace two existing Heating & Ventilating (H&V) units and install two Air Handling Units (AHUs)	
			Removal of existing exhaust fans and close opening	
			Install new primary and secondary pumps with Variable Frequency Drive (VFD) on secondary	
			Test & Balance water systems	
				<b>\$1,210,820</b>
			<b>Trane Grand Total</b>	<b>\$1,210,820</b>
Contingency	D	W/O	Request Description	Budgeted
			Architect and Engineering	\$175,000
			<b>Sub Total</b>	<b>\$175,000</b>
			<b>Grand Total Total</b>	<b>\$3,200,000</b>