

TOTAL PROJECT BUDGET  
**TECHNOLOGY FFE BUDGET**

**ESTIMATED SD FF&E COSTS FOR TECHNOLOGY & SECURITY**  
**NORTHEAST METRO REGIONAL VOCATIONAL HIGH SCHOOL, WAKEFIELD, MA**  
**6/1/21 1,600 Students**

Category	Description	Estimated Quantity	Estimated Cost
1.	<b>COMMUNICATIONS - VoIP VOICE SYSTEM</b>		\$264,100.00
	Gateway/Router		
	Call Processor		
	Auto-attendant & Voice Mail		
	VoIP Handsets/Devices		
			<b>\$264,100.00</b>
Category	Description	Estimated Quantity	Estimated Price
2.	<b>SWITCHES / WIRELESS SYSTEM</b>		
	Infrastructure Switches (10GbE Backbone, Gigabit to Desktop) & Services		\$436,300.00
	Infrastructure Wireless Equipment & Services		\$416,100.00
			<b>\$852,400.00</b>
Category	Description	Estimated Quantity	Estimated Price
3.	<b>COMPUTER EQUIPMENT AND PERIPHERALS</b>		
	Servers, Central Equipment, VMware & Services		\$252,600.00
	Admin / Teacher / Instructor Computers & Services	196	\$167,000.00
	Computer Lab Desktop Computers & Services	235	\$223,500.00
	MAC Desktop Computers & Services	90	\$261,000.00
	Student Chromebooks & Services	1,600	\$520,000.00
	Charging Carts & Services	45	\$94,500.00
	Peripherals (Printers) & Services		\$75,000.00
	Voc Shop Tech Equipment Allowance		\$150,000.00
			<b>\$1,743,600.00</b>
Category	Description	Estimated Quantity	Estimated Price
4.	<b>AUDIOVISUAL EQUIPMENT</b>		
	<b>INTERACTIVE FLAT PANEL DISPLAY SYSTEMS</b>	116	\$510,400.00
	Mount		
	USB Extender		
	Installation		
	Programming		
	Documentation		
	Training		
	<b>DOCUMENT CAMERAS</b>	116	\$75,400.00
	Wireless		
			<b>\$585,800.00</b>

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Category	Description	Estimated Quantity	Estimated Price
5.	<b>OTHER SYSTEMS</b>		
	<b>IPTV VIDEO ON DEMAND SYSTEM</b>		\$360,000.00
	TV DISTRIBUTION		
	MEDIA CONTROL		
	Decoders	116	
	DIGITAL SIGNAGE		
	Flat Panel TV Monitors	12	
	VIDEO ON DEMAND	1	
	ORINATION BROADCASTING	1	
	<b>SUPERVISED PANIS/ALERT SYSTEM</b>		\$85,000.00
	Notify 2.0 Network Application with 2-way Communications with First Responders (3-years)		
	Controller		
	Wireless Transmitters/Repeaters and Buttons		
	Wireless Panic / Duress Button		
	Interfaces		
	Intrusion Dialer		
	Access Control		
	IPTV Video Notifications		
	Public Address Audio Notifications/Messages		
	Radios		
	Email/Text Notifications		
	<b>TV STUDIO SYSTEM</b>		\$260,000.00
	Broadcasting Equipment and Software		
	<b>LANGUAGE LAB SYSTEM</b>		\$90,000.00
	Digital Language Lab Server, materials, Software		

**\$795,000.00**

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>ESTIMATED COST</u>
1.	VoIP VOICE SYSTEM	\$264,100.00
2.	SWITCHES / WIRELESS SYSTEM	\$852,400.00
3.	COMPUTER EQUIPMENT & PERIPHERALS	\$1,743,600.00
4.	AUDIOVISUAL EQUIPMENT	\$585,800.00
5.	OTHER SYSTEMS	\$795,000.00
<b>TOTAL ESTIMATED COST</b>		<b>\$4,240,900.00</b>