

# HVAC Projects

North Boone CUSD 200

Board of Education Meeting

October 19, 2021



## Background

North Boone CUSD 200 has been working on developing a comprehensive multi year plan to address the HVAC needs in the district.





## Funding

North Boone can utilize ESSER funding for this HVAC project.





# Year 1

Project	Capron	Manchester	North Boone Middle	Poplar Grove Elementary	North Boone Upper	Total
Classroom Unit Vents	\$220,000	\$90,000	\$260,000	\$80,000	\$0	
Controls (existing units)	\$45,000	\$54,000	\$0	\$30,000	\$0	
Electrical	\$30,000	\$30,000	\$30,000	\$20,000	\$0	
Relief Systems	\$120,000	\$45,000	\$130,000	\$40,000	\$0	
Total	\$415,000	\$219,000	\$420,000	\$170,000	\$0	\$1,224,000



## Year 2

Project	Capron	Manchester	North Boone Middle	Poplar Grove Elementary	North Boone Upper	Total
Classroom Unit Vents (CUV-New)	\$0	\$60,000	\$0	\$0	\$0	
Rooftop Units (new)	\$300,000	\$20,000	\$0	\$0	\$0	
Electrical	\$15,000	\$10,000	\$40,000	\$0	\$0	
Controls	\$0	\$0	\$30,000	\$0	\$0	
Total	\$315,000	\$90,000	\$70,000	\$0	\$0	\$475,000

# Years 3-5

Project	Capron	Manchester	North Boone Middle	Poplar Grove Elementary	North Boone Upper	Total
Unit heater	\$10,000		\$20,000			
AHU (Gymnasium)		\$60,000	\$60,000 (tech room)	\$140,000		
Fan Coils	\$10,000					
Building Management System	\$30,000					
Condensing Unit				\$40,000 (Gymnasium)	\$90,000 (art room and offices)	
VRF System (office)	\$40,000	\$40,000	\$40,000			
Electrical	\$15,000	\$10,000				
Total	\$105,000	\$110,000	\$120,000	\$180,000	\$90,000	\$605,000



# Total

Year	Cost	10% Contingency/ Escalation)	Total	ESSER Remaining
Year 1	\$1,224,000	\$125,500	\$1,347,500	\$1,400,151
Year 2	\$475,000	\$47,500	\$522,500	\$877,651
Years 3-5	\$605,000	\$60,500	\$665,500	\$212,151
Total			\$2,535,500	



**Questions?**

**Next Steps**