

American Rescue Plan Act Funds for HVAC Projects

Understanding the American Rescue Plan Act (ARPA)

What is the ARPA?

- A federal stimulus package enacted in March 2021 to address economic and public health impacts of COVID 19.
- Includes the \$122 billion for for K-12 Schools (ESSER Funds).
- ARPA funds can be utilized to upgrade HVAC systems to improve air quality and ventilation.
- County Governments can allocate ARPA funds to support school infrastructure improvements, including HVAC replacements.



Timeline

- On November 25, 2024, the Interim County Manager reached out to Dr. Schuhler to express the County's desire to allocate ARPA funds to the district for the completion of HVAC projects.
- Projects were identified using the Long Range Assessment and Board of Education work sessions and were submitted to the County on November 27, 2024.
- The County Commissioners approved the contract to release \$2,564,623 in ARPA funds for the selected projects on December 2, 2024.
- The projects were presented to the Board of Education for approval on December 9, 2024.



HVAC Projects

Bunn Elementary School

Replace the HVAC systems in Building A's classrooms, cafeteria, media center, and office area. This project will remove the aging boiler and underground fuel tank, which have become outdated and problematic. These will be replaced with modern wall-mounted heat pumps and new air handlers to enhance efficiency and reliability.

Estimated Cost- \$775,000.00



HVAC Projects

Edward Best Elementary

Replace the HVAC system in the cafeteria building by removing the outdated and problematic rooftop equipment and installing new Bard units for improved efficiency and reliability.

Estimated Cost- \$222,000.00



HVAC Projects

Louisburg Magnet High School

Replace the HVAC systems in the auditorium, gymnasium, and auto shop to address aging and problematic equipment. This project includes the removal of the boiler and underground fuel tank, as well as addressing the underground pipes that have failed over the past two years. Continued failures of these pipes pose a significant risk of disruption, particularly if the steam lines burst beneath the concrete floor, which would severely impact school operations. The renovation will incorporate a more efficient heating system featuring direct expansion air conditioning and gas heat, ensuring reliability and improved performance.

Estimated Cost- \$980,000.00



HVAC Projects

Royal Elementary

Replace the existing boilers, chillers, and heat pump, which are outdated and problematic, with more efficient and reliable equipment.

Estimated Cost- \$490,000.00



Total Cost of Projects

The total cost of the recommended projects is \$2,467,000.00, which is below the County-approved allocation of \$2,564,623.00 for these initiatives. This provides contingency funds to address potential cost overruns during the bid process or unexpected issues that may arise during project implementation.



Questions



Seeking Board Approval

We are requesting approval to proceed with these projects utilizing ARPA funding subaward agreement.

Recommended Motion:

Move to approve the selected HVAC projects and agree to the terms of the ARPA subaward agreement.

