

Alexandria City Public Schools (Alexandria, VA)

William Ramsey Elementary School has been serving the community of Alexandria, Virginia since 1957 and is currently home to over 600 diverse students. The building systems have exceeded their operational life expectancy and should be replaced in order to reduce energy consumption. For the purposes of this grant, Alexandria City Public Schools (ACPS) is proposing the following: replacement of aged HVAC boilers with high efficiency electric water heat pumps, new efficient rooftop units, building automation controls, improved filtration, replacement of existing lighting with LED fixtures, and thermal scanning to pinpoint areas where unconditioned air may enter the building. Lastly, ACPS plans to pursue options to generate more energy on its sites through the installation of photovoltaic panels at William Ramsay. ACPS has already invested in a new roof which would likely support solar. By taking these proactive steps towards sustainability, ACPS hopes to create a healthier learning environment while also setting an example for the community when it comes to sustainable practices.

Community Benefits

Planned energy efficiency upgrades will directly serve students and teachers in disadvantaged communities by increasing occupant comfort in impacted buildings, while decreasing operational expenses. The improvements and construction done at William Ramsey Elementary School will utilize a local workforce and follow the City of Alexandria’s objective to facilitate the participation of Small-, Women-, Minority-, Micro-, Employment-Services Organizations, and Veteran-Owned Businesses (SWaM-O). The selectee commits to sourcing local contractors to complete the project in coordination with the City’s small business development center. ACPS is committed to ensuring that contractors hired to complete this project are of high quality, are local, and meet the vision of the ALL Alexandria diversity, equity and inclusion program, as well as all DOE, DEIA commitments.

Team Members	
<ul style="list-style-type: none">Potomac Energy GroupCMTAPROTEC Construction	
Total Funds Requested	\$ 4,000,000
Proposed Cost Share (%)	\$ 2,000,000 (33%)
Number of Buildings	1

