

EXECUTIVE SUMMARY

CT DAS FY24 HVAC Indoor Air Quality Grant Program for Public Schools

New Haven Board of Education

Application deadline 12/31/23

NHBOE seeks authorization to apply for state grants to fund indoor air quality improvements at four public schools, as described below and at <https://ct.gov/hvacgrants>. In the event all requested grants are awarded, they will require a local share amount of approximately \$1,050,000 from the previously approved Long Term Maintenance and Stewardship account of the FY22 and FY24 Capital Budget, and will be all subject to subsequent acceptance and approval by BOA.

a. Fair Haven School

Fair Haven School—Rooftop Project

All the mechanical cooling and gas heat rooftop units at Fair Haven need to be replaced because they are R22 and have also met their life expectancy. These units should be replaced with packaged roof top units with variable speed drives, mechanical cooling, and operating on 410a refrigerant.

b. Lincoln-Basset School

Lincoln-Basset—Rooftop Project

All the mechanical cooling and gas fired rooftop units at Lincoln Basset need to be replaced because they have met their life expectancy and operate on R22. These roof top units should be replaced with packaged roof top units with variable speed drives, mechanical cooling, and operating on 410a refrigerant.

c. Brennan-Rogers Art of Communication and Media Magnet School

Brennan-Rogers School—Rooftop Project

All the mechanical cooling and gas-fired rooftop units at Brennan need to be replaced because they have met their life expectancy and also operate on R22. These roof top units need to be replaced with variable speed drives, mechanical cooling, and 410a refrigerant. The chiller at Brennan also operates on R22 and has met its life expectancy and needs to be replaced with a variable speed chiller operating on modern refrigerant.

d. Edgewood Creative Thinking Through STEAM School

Edgewood School—Rooftop & Split Unit Project

There are 3 large rooftop units with mechanical cooling and gas heat. These units need to be replaced with package units with variable speed drives, mechanical cooling, and 410a refrigerant. There are also 15 split units serving classrooms that need to be replaced with modern units running off modern refrigerant.