

Board of Education Capital Plan FY17-FY22

PROJECT TITLE: BGP Air Conditioning A, C, E Wings

DATE SUBMITTED: 10/6/2016

DEPARTMENT PROJECT INFORMATION

Department: _____
Department Contact: **Peter Sztaba**
Fiscal Year(s) Requested: **FY2017** **FY2018** **FY2019** **FY2020** **FY2021** **FY2022**
Department Priority: **Critical** **High** **Medium** **Low**
Type of Project: **Vehicle** **Equipment** **Technology** **Facility** **Other**

PROJECT DESCRIPTION

Currently there is an absence of air conditioning in (21) classrooms at Birch Grove Primary School. The breakdown is as follows:

A Wing-5 classrooms
B Wing-9 classrooms
E Wing-7 classrooms
Total: 21 classrooms

To bring in air conditioning to these classrooms the following scope of work offers the greatest value to do so:

1. Purchase (2) 10,000 btu portable air conditioners outfitted with hoses, and plexiglass window mounting systems per room-\$550 ea x 42 units=\$23,100
2. Install (2) 40 circuit bolt-on subpanels with breakers, feeder wiring, etc(schools already has one installed of the required one per wing A, B, E)-\$ 1,665.00 per panel x 2 units-\$ 3,300
3. Install (2) 20 amp, 120V receptacles outfitted with all circuit wiring, junctions, breakers, etc.-\$1,340 per classroom x 21 classrooms=\$28, 140

Total Cost-\$54,540

PROJECT NEED

Impact on Department if Recommended or Not Recommended: No air-conditioning in classrooms, increase in energy costs, poor work environments during times of trending warmer seasonal temperatures, mass fluctuations in indoor air quality, more immediate and expensive modifications for child 504 and IEP plans to accommodate air-conditioning needs

Cost to Maintain: electrical and energy expenses, time to clean filters and remove from windows if/when necessary

Describe all Benefits and/or Savings: Improved indoor air quality and work environments, flexibility for 504 and IEP accommodations regarding classroom temperatures

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact							
Project Cost Elements	FY 2017	FY 2018	FY 2019	FY 2020	FY2021	FY2022	TOTAL
Feasibility Study							
Design - Engineering							
Site Acquisition							
Site Improvements							
Construction						\$54,540	\$54,540
Inspection Services							
Equipment & Furnishings							
Vehicle Purchase							
Other							
Contingency							
TOTALS						\$54,540	\$54,540
Financing Sources							
Lease-Purchase							
Water Enterprise Funds							
Sewer Enterprise Funds							
Solid Waste Enterprise Funds							
Storm Water Enterprise Funds							
State / Federal Grants							
Sale of Surplus Property							
CPA							
Other (specify)							
City Appropriation							
TOTALS							



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PROPOSAL
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Tolland Board of Education
51 Tolland Green
Tolland, CT. 06084
Attention: Mr. Peter Sztaba

October 12, 2016

INRE: Birch Grove Air conditioner Power Panel Installation

- 40 circuit Bolt-on mlo panelboard, back box, trim
- Required circuit breakers
- Required nipples, fitting, lugs etc.
- Required feeder wiring
- Complete Installation

- need (2)

Proposal Amount

\$ 1,665.00

INRE: Birch Grove Air conditioner Power Outlet Installation

- Classroom 120 volt 20 amp power receptacles (2)
- Required circuit wiring
- Required boxes, fitting, circuit breakers, etc.
- Complete installation

*→ per classroom
21
classrooms
total*

Proposal Amount

\$ 1,340.00

THANK-YOU FOR THE OPPORTUNITY TO SUBMIT THIS PROPOSAL AND WE
LOOK FORWARD TO WORKING WITH AND FOR YOU.

STEVE PALUMBO
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