

# BG1 Project Application Form (Revised)

## (Ref# 17662)

Form Status: Saved

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Tier 3 Project: HCHS Chiller Replacement

BG Number: 20-150

District: Henderson County (251)

Status: Active

Phase: Project Initiation (View Checklist)

Construction Delivery Method

General Contractor

Procurement Standard

Model Procurement

Reason for Revision

Post bid revision

Emergency

No

## Project Type and Description

### Applicable Items

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New Building	No
Addition	No
Major Renovation	No
GESC	No
Roofing	No
HVAC	Yes
ADA Compliance	No
Life Safety	No
Security	No
Water Bottle Filling Stations	No
Minor Project	Yes

#### Minor Project Description

The existing 300 ton air-cooled chiller utilizes R-22 refrigerant which has been phased out of US production and is costly to maintain. Recently the chiller has lost 2 of its 3 compressors, reducing available capacity to 33%. This project will replace the chiller in-kind with a modern, environmentally acceptable refrigerant and more efficient unit. This project will provide an operational cost savings by reducing both energy usage and maintenance cost. This project will also install 3 waterbottle fillers and 4 electric water coolers to be compliant with KRS 162.060.

New Relocatable Classroom	No
Equipment / Furnishings Procurement	No
Site Acquisitions	No

## District Facility Plan (DFP)

Compliance with 702 KAR 4:180 and 702 KAR 4:160

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DFP Approval Date	11/30/2017
DFP Priority	

**2c.6 - Henderson County High School**

Estimated Cost: \$29,857,572.00

Facility: No Data

Project Not Listed on DFP

No

**Inventory**

Facility Name

HENDERSON COUNTY HIGH SCHOOL (B10000750)

**Scope**

Provide a Complete Narrative of the Proposed Project

The existing 300 ton air-cooled chiller utilizes R-22 refrigerant which has been phased out of US production and is costly to maintain. Recently the chiller has lost 2 of its 3 compressors, reducing available capacity to 33%. This project will replace the chiller in-kind with a modern, environmentally acceptable refrigerant and more efficient unit. This project will provide an operational cost savings by reducing both energy usage and maintenance cost. This project will also install 3 waterbottle fillers and 4 electric water coolers to be compliant with KRS 162.060.

Work Related to Project But Excluded from this BG1 Scope

**Financial Plan****Probable Costs**

Proposed Plan to Finance Application

Total Construction Cost	\$237,300.00
Construction Contingency	\$11,865.00
Architect / Engineer Fee	\$24,893.00
Construction Manager Fee	
Fiscal Agent Fee	
Bond Discount	
Equipment / Furnishings	
Equipment / Computers	
Technology Network System (KETS)	
Site Acquisition	
Site Survey	
Geotechnical Investigations	
Special Inspections	
Commissioning	
Advertising	\$79.52
Printing	\$800.00

**Other Probable Costs**

Title

Amount

Plan Review Fee	\$1,217.85
Shipping, Mileage	\$1,275.00
No Data	
<b>Total Project Cost</b>	<b>\$277,430.37</b>

## Funds Available

Bond Sale - SFCC	
Bond Requirement - SFCC	
Local FSPK Bond Sale	
Local General Fund Bond Sale	
Cash - SFCC Requirement	
Cash - Building Fund	\$277,430.37
Cash - Capital Outlay	
Cash - Investment Earnings	
Cash - General Fund	
City - County - KYTC Reimbursement	
KETS	
Federal Funds	
External Partner Agreement	

## Residual Funds

BG Number	Fund Source	Amount
No Data	No Data	No Data
Residual Funds Total:		\$0.00

## Other Available Funds

Title	Amount
No Data	
No Data	
No Data	
<b>Total Funds Available</b>	<b>\$277,430.37</b>

## BG1 Signature Page (Online Form Ref# 17662)

The signing of this financial document certifies the above stated funds are available and designated for this project during this fiscal year.

Superintendent

Date

Finance Officer

Date

Chairman

Date

NOTE: Any district anticipating the financing of this and/or other projects in a combined school revenue Bond should discuss the financing with the Director/Branch Manager, KDE - District Financial