

# BG1 Project Application Form (Initial)

## (Ref# 17481)

Form Status: Saved

Project: HCHS Chiller Replacement  
BG Number: 20-150  
Status: New

District: Henderson County (251)  
Phase: No Data

Construction Delivery Method  
Procurement Standard  
Emergency

General Contractor  
Model Procurement  
Yes

## Project Type and Description

### Applicable Items

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 needs to be declared an emergency as the chiller is operational throughout the entire year and is unable to properly cool a portion (kitchen, cafeteria, and 100 wing, etc) of the high school. 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

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 needs to be declared an emergency as the chiller is operational throughout the entire year and is unable to properly cool a portion (kitchen, cafeteria, and 100 wing, etc) of the high school. 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	\$353,000.00
Construction Contingency	\$18,000.00
Architect / Engineer Fee	\$37,000.00
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	\$350.00
Printing	\$1,000.00

### Other Probable Costs

---

Title	Amount
No Data	
No Data	
No Data	
Total Project Cost	\$409,350.00

### Funds Available

---

Bond Sale - SFCC  
Bond Requirement - SFCC

Local FSPK Bond Sale  
 Local General Fund Bond Sale  
 Cash - SFCC Requirement  
 Cash - Building Fund \$409,350.00  
 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	
Total Funds Available	\$409,350.00

## BG1 Signature Page (Online Form Ref# 17481)

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 -

