

District Name: Estill County District Code: 161 Facility Name: Estill Springs Elementary School School Code: 001-6

Project Name: Estill Springs Elementary Phase 2 Renovation & Addition

**PROJECT TYPE:** Yes No Gross Building Area (sf.)

New Building ☐ ☒ \_\_\_\_\_

Addition ☒ ☐ \_\_\_\_\_

Renovation ☒ ☐ \_\_\_\_\_

Provisions for Future Expansion: No

Proposed Alternates: (1) None at this time.  
(2) \_\_\_\_\_  
(3) \_\_\_\_\_

Describe special conditions, phasing of project and alternates, attach a supplemental sheet, if needed.  
Project will be delivered in two bid sets: early site package then building addition package.

**BUILDING CONSTRUCTION CHARACTERISTICS:**

Description of Building Structure: Addition ONLY

Foundation: Concrete spread footings/slab on grade

Exterior Walls: CMU loadbearing wall/ spray in place thermal insulation, brick veneer

Roof Structure: Cold form roof trusses

**ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):**

50 Energy Consumption "Existing" (kBtu/sf/yr)

35 Energy Consumption Target (kBtu/sf/yr)

YES NO

☐ ☒ LEED Certified Other: \_\_\_\_\_

☐ ☒ Designed to meet Energy Star

☒ ☐ Exceeds ASHRAE 90.1(2007) by 10% (Minimum)

☐ ☒ Whole Building Life Cycle Cost Analysis Demonstrating Cost Effective Design

Life Cycle Cost Analysis Software Used: \_\_\_\_\_

If not yes to one or more of the above, explain why. \_\_\_\_\_

☐ ☒ Designed to be Net-Zero

☐ ☒ Designed to be Net-Zero Ready

**Energy Efficient Design Features: ( See List Page 4, or Use Drop Down List)**

East / West Building Orientation ☐ YES ☒ NO

Gross Exterior Wall Area (sf): 2,097 Avg. Exterior Wall R-Value: 19

Gross Window / Door Area (sf): 350 Avg. Window/Door R-Value: 3

Gross Roof Area (sf): 4000 sf Avg. Roof R-Value: 28

Exterior Wall Type: B - face brick, captured air space, sprayed insulation on CMU Other: \_\_\_\_\_

Roofing Type: D - metal roofing over nailable deck with insulation Other: \_\_\_\_\_

HVAC System Type: E - variable refrigerant flow (VRF) with air make up Other: \_\_\_\_\_

Classroom Lighting: E - other Other: LED

Active Daylighting: B - occupancy light control sensors Other: \_\_\_\_\_

Passive Daylighting: \_\_\_\_\_ Other: \_\_\_\_\_

On Site Energy Generation: G - none Other: \_\_\_\_\_

Air Purification Systems : YES ☐ NO ☒Gray Water System : YES ☐ NO ☒Low Water Use Fixtures : YES ☒ NO ☐

Other: \_\_\_\_\_

**PLUMBING:**Type of Sewage Disposal: Municipal sewer system**HEATING, VENTILATION AND AIR CONDITIONING:**Heating Only: \_\_\_\_\_ Heating & Mechanical: \_\_\_\_\_ HVAC:   x   A/C Only: \_\_\_\_\_  
Ventilation Only

Fuel Source/Backup (if applicable): \_\_\_\_\_

**ELECTRICAL:**Source of Electric Power: Existing electric serviceVoltage Serving Facility: 120/208/3-phase

Number of Convenience Outlets:

Classrooms 11Library/Media Center N/ABusiness Ed N/AFamily & Consumer Science N/ACamera System: Existing

Lighting Intensity (fc.):

Std. Classrooms 50Library/Media Ctr N/AScience Lab N/AScience Clrm N/ABand/Music N/ABusiness Ed N/AShops N/ACorridors 20Stairways N/ACafeteria N/APre-School Clrm 50Art Classroom N/AGymnasium N/A**SPECIAL EQUIPMENT:**

System	Conduit Only	Conduit & Wiring	Complete with Equipment
Bell	_____	_____	<u>X</u>
Clock	_____	_____	<u>X</u>
Fire Alarm	_____	_____	<u>X</u>
Intercom	_____	_____	<u>X</u>
Telephone	_____	<u>X</u>	_____
Television	_____	<u>X</u>	_____
Computer	_____	<u>X</u>	_____
Wireless Network	_____	<u>X</u>	_____
Interactive White bd	<u>N/A</u>	_____	_____
Voice Amplification	<u>N/A</u>	_____	_____

**FIXED EQUIPMENT:**

Teacher Cabinet	_____	Custodial Room Shelves	_____
Student Lockers	_____	Science Laboratories	_____
Folding Bleachers	_____	Family & Consumer Sci	_____
Library Furnishings	_____	Other	_____
Dry Food Shelves	_____	Other	_____

**INTERIOR FINISH SCHEDULE:**

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	NA			
Corridors	VCT	NA	Paint	Acoustical Ceiling, area of Spec
Custodial	Sealed Concrete	NA	Paint	Paint Exposed
Kitchen	NA			
Cafeteria	NA			
Gym	NA			
Showers/Locker	NA			
Toilets	Flake Epoxy	NA	Paint	Acoustical Ceiling
Library/Media Cntr	NA			
Classrooms	VCT	NA	Paint	Acoustical Ceiling
Music	NA			
Art	NA			
Science	NA			
FMD	NA			
OTHER AREAS				

Miscellaneous Project Specific Features: \_\_\_\_\_

Kentucky Registered Architect:	_____	Date: _____
	Signature	
Kentucky Registered Engineer:	_____	Date: _____
	Signature	
Board Designee or Superintendent:	_____	Date: _____
	Signature	