

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   2,187 SF

Renovation   50,315 SF

Provisions for Future Expansion: No

Proposed Alternates:

(1) <u>Playground</u>	(4) <u>2 Additional Classroom Spaces</u>	(7) <u>Kitchen Floor Replace</u>
(2) <u>Amphitheater</u>	(5) <u>Interior Fit-up 2 Additional Clas</u>	(8) <u>Toilet Partition Replace</u>
(3) <u>Entrance Canopy</u>	(6) <u>Gymnasium Renovation</u>	(9) <u>Owner Preferred Hardware</u>
		(10) <u>Landscaping</u>

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	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	LEED Certified Other: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Designed to meet Energy Star
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exceeds ASHRAE 90.1(2007) by 10% (Minimum)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.** \_\_\_\_\_

<input type="checkbox"/>	<input checked="" type="checkbox"/>	Designed to be Net-Zero
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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): 1820 sf - addition only Avg. Exterior Wall R-Value: 19

Gross Window / Door Area (sf): 180 sf - addition only Avg. Window/Door R-Value: 3

Gross Roof Area (sf): 2187 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: \_\_\_\_\_



**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