

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

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): 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: _____

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 service

Voltage Serving Facility: 120/208/3-phase

Number of Convenience Outlets:
Classrooms 11
Library/Media Center N/A
Business Ed N/A
Family & Consumer Science N/A

Camera System: Existing

Lighting Intensity (fc.):
Std. Classrooms 50
Library/Media Ctr N/A
Science Lab N/A
Science Clrm N/A
Band/Music N/A
Business Ed N/A
Shops N/A
Corridors 20
Stairways N/A
Cafeteria N/A
Pre-School Clrm 50
Art Classroom N/A
Gymnasium 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 | |