### **OUTLINE SPECIFICATIONS ENERGY-DESIGN CRITERIA**

| District<br>Name: <u>Newport</u>   | Independent                                |                      | 2             | Facility<br>Name: | Newport Primary School                                     | School<br>Code: | 020 |  |
|--|--|----------------------|---------------|-------------------|--|-----------------|-----|--|
| Date: 3/24/21 REH: 149-720 Project Name: Newport Primary School - Fire Alarm                                     |  |                      |               |                   |  |                 |     |  |
| PROJECT TYPE: New Building Addition Renovation Provisions for Futur  | Yes  C C C C C C C C C C C C C C C C C C   | No                   |               |                   | 9,981  |                 |     |  |
| Proposed Alternates  | s: (1                                      | None                 |               |                   |  |                 |     |  |
| (2) (3)  Describe special conditions, phasing of project and alternates, attach a supplemental sheet, if needed. |  |                      |               |                   |  |                 |     |  |
| BUILDING CONST   | RUCTION CH                                 | ARACTERISTI          | CS:           | 7311              |  |                 |     |  |
| Description of Build   | -  |                      |               |                   |  |                 | •   |  |
|  |  | Cast in place        |               |                   |  |                 |     |  |
| Exterior Wall  | 3:   | Masonry com          | posite / cav  | rity walls        |  |                 |     |  |
| Roof Structure   | ə:   | Metal and gyr        | sum deck      | over steel j      | oists  |                 |     |  |
| ENERGY EFFICIEN  | IT DESIGN (K                               | RS 157.450 ar        | nd KRS 157    | <u>′.455)</u> :   |  |                 |     |  |
|  | Energy Con                                 | sumption "Exis       | ting" (kBtu/  | sf/yr)            |  |                 |     |  |
| <del></del>  | _ Energy Con                               | sumption Targ        | et (kBtu/sf/y | /r)               |  |                 |     |  |
| YES NO   | LEED 0                                     | y I                  | <b>0</b> .0   |                   |  |                 |     |  |
|  | LEED Certif                                | ned<br>meet Energy : |               |                   |  |                 |     |  |
|  |  | HRAE 90.1(20         |               | (Minimum          | ))   |                 |     |  |
|  |  |                      |               |                   | strating Cost Effective Design                             |                 |     |  |
|  | Life                                       | e Cycle Cost A       | nalysis Soft  | ware Used         | 1  |                 |     |  |
| If not yes to one or more of the above, explain why.   |  |                      |               |                   |  |                 |     |  |
|  | Designed to                                | be Net-Zero          |               |                   |  |                 |     |  |
|  | Designed to                                | be Net-Zero R        | leady         |                   |  |                 |     |  |
| Energy Efficient De<br>East / West Building<br>Gross Exterior Wall<br>Gross Window / Doo<br>Gross Roof Area (sf) | Orlentation<br>Area (sf):<br>or Area (sf): | C YES                | I NO          |                   | _ Avg. Exterior Wall R-Value<br>_ Avg. Window/Door R-Value | :               |     |  |
| Exterior Wall Type:  |  |                      |               |                   |  | Other:          |     |  |
| Roofing Type:  |  |                      |               |                   |  | Other:          |     |  |
| HVAC System Type:  |  |                      |               |                   |  | Other:          | ^   |  |
| Classroom Lighting:  |  |                      |               |                   |  | Other:          |     |  |
| Active Daylighting:  |  |                      |               |                   |  | Other:          |     |  |
| Passive Daylighting:   |  |                      |               |                   | ····   | Other:          |     |  |
| On Site Energy Generation:   |  |                      |               |                   |  |                 |     |  |

#### KENTUCKY DEPARTMENT OF EDUCATION

BG-2

702 KAR 4:160

#### **OUTLINE SPECIFICATIONS ENERGY DESIGN CRITERIA**

| Project: Newport Pri                   | mary School - Fire Al            | larm     |                                       | DEII. 440 4000                            | Date: 3/24/21           |
|--|----------------------------------|----------|---------------------------------------|---|-------------------------|
| Air Purification System                | s: YES [                         | ] NO     | [ <u></u>                             | REH: 149-1020                             |                         |
| Gray Water System :                    | YES (                            | ] NO     | <u>C</u>                              |   |                         |
|  | 1                                |          |                                       |   |                         |
|  |                                  |          |                                       |   |                         |
| PLUMBING:                              |                                  |          |                                       |   |                         |
| Type of Sewage Dispo                   | sal:                             |          | "                                     |   |                         |
| HEATING, VENTILATI                     | ON AND AIR COND                  | ITIONING | <u>)</u> ;                            |   |                         |
| Heating Only:                          | Heating & Mec<br>Ventilation Onl |          | Co                                    | HVAC:                                     | A/C Only:               |
| Fuel Source/Backup (if                 | applicable):                     |          |                                       |   |                         |
| ELECTRICAL:                            |                                  |          |                                       |   |                         |
| Source of Electric Pow                 | er:                              |          |                                       | Lighting Intensity (fc.                   | .):                     |
| oltage Serving Facility                | y:                               |          | · · · · · · · · · · · · · · · · · · · |   |                         |
| lumber of Convenienc<br>Classrooms     | e Outlets:                       |          |                                       | Science Lab<br>Science Clrm<br>Band/Music |                         |
| ibrary/Media Center<br>Business Ed     |                                  |          |                                       | Business Ed                               |                         |
| amily & Consumer Sc                    | ience                            |          |                                       | Corridors                                 |                         |
| Camera System:                         |                                  |          |                                       | Stairways<br>Cafeteria                    |                         |
|  |                                  |          |                                       | Pre-School Clrm<br>Art Classroom          |                         |
|  |                                  |          |                                       | Gymnasium                                 |                         |
| PECIAL EQUIPMENT                       | <u>r</u> :                       |          |                                       |   |                         |
| ystem<br>ell                           | Conduit Only                     |          | Con                                   | duit & Wiring                             | Complete with Equipment |
| lock<br>ire Alarm                      |                                  |          |                                       |   | XX                      |
| ntercom<br>elephone                    |                                  |          |                                       |   |                         |
| elevision _                            |                                  |          |                                       |   |                         |
| omputer<br>Wireless Network            |                                  |          |                                       |   |                         |
| nteractive White bd/oice Amplification |                                  |          |                                       |   |                         |
| IXED EQUIPMENT:                        |                                  |          |                                       |   |                         |
| eacher Cabinet                         |                                  |          |                                       | Custodial Room Shelves                    |                         |
| Student Lockers                        |                                  |          | <del></del>                           | Science Laboratories                      |                         |
| Folding Bleachers Library Furnishings  |                                  |          |                                       | Family & Consumer Sci Other               | -                       |
| ry Food Shelves                        |                                  |          |                                       | Other                                     |                         |
|  |                                  |          |                                       |   |                         |

### KENTUCKY DEPARTMENT OF EDUCATION

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## BG-2 OUTLINE SPECIFICATIONS ENERGY DESIGN CRITERIA

| Project: Newpot Primary School - Fire Alarm  |                 |                    | Project: 149-720 | Date: 3/24/21 |  |  |  |  |
|--|-----------------|--------------------|------------------|---------------|--|--|--|--|
| INTERIOR FINISH SCHEDULE:  |                 |                    |                  |               |  |  |  |  |
| AREA   | FLOOR           | WAINSCOT           | WALLS            | CEILING       |  |  |  |  |
| General Office Corridors Custodial Kitchen Cafeteria Gym Showers/Locker Toilets Library/Media Cnt Classrooms Music Art Science |                 |                    |                  |               |  |  |  |  |
| FMD  |                 |                    | <del></del>      |               |  |  |  |  |
| OTHER AREAS  |                 |                    |                  |               |  |  |  |  |
| Miscellaneous Project Specific Features:   |                 |                    |                  |               |  |  |  |  |
| Kentucky Register  | ed Architect:   | Robert Elimet Mayo | Associates, PLLC |               |  |  |  |  |
| Kentucky Register  | ed Engineer:    | Signatu            |                  | Date:         |  |  |  |  |
| Board Designee or  | Superintendent: | Signatu            | ire              | _ Date:       |  |  |  |  |

### KENTUCKY DEPARTMENT OF EDUCATION

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# BG-3 STATEMENT OF PROBABLE COST

| District<br>Name: | Newport<br>Independent  | District<br>Code: <u>452</u>      | Fac<br>Nan       | •                                       | wport Primary Scho |                                       | chool<br>ode: 20 |
|-------------------|-------------------------|-----------------------------------|------------------|---|--------------------|---------------------------------------|------------------|
| Projec            | t Name: Newport         | Primary School - Fire             | Alarm            |   | REH Project #149-  |                                       |                  |
| Project P         |                         | Design Develop                    |                  |   | Construction       |                                       | ate: 3/24/21     |
| 1. Site D         | Development             | •                                 | \$               | <b>_</b>                                | Motion             | Documen                               | ts: 🖸            |
| 2. Gene           | ral Construction        |                                   | Ψ <u> </u>       |   | 400,000,00         |                                       |                  |
| 3. Heati          | ng, Ventilation & Air ( | Conditionina                      | Ψ <u>Ψ</u><br>\$ |   | 120,000.00         |                                       |                  |
|                   | oing (Include Sprinkle  |                                   | Ψ<br>\$          |   |                    |                                       | •                |
|                   | ical Work               | ,                                 | \$               |   |                    |                                       |                  |
|                   | ge Disposal System      |                                   | \$               |   |                    |                                       |                  |
|                   | Construction Cost (1-   | •                                 |                  |   |                    | \$                                    | 120,000.00       |
|                   | cquisition Cost (Purc   | hase Price)                       | \$               |   | -                  | Ψ                                     | 120,000.00       |
| 9. Legal          | Services                |                                   | \$               |   |                    |                                       |                  |
| 10. Fiscal        | Agent Fee               |                                   | \$               |   |                    |                                       |                  |
| 11. Bond I        | Discount                |                                   | \$               |   |                    |                                       |                  |
| 12. Archite       | ect/Engineer Fee        |                                   | \$ \$            |   | 14,700.00          |                                       |                  |
| 13. Constr        | ruction/Manager Fee     | (if Applicable)                   | \$               |   | 1 131 00.00        |                                       |                  |
| 14. Equipn        | nent/Furnishings (Not   | Fixed)/Computers                  | \$               |   |                    |                                       |                  |
| 15. Proper        | ty & Topographic Sur    | vey                               | Φ                |   |                    |                                       |                  |
| 16. Geoted        | chnical Survéy & Rep    | ort                               | \$               |   |                    |                                       |                  |
| 17. Specia        | Inspections             |                                   | \$               |   |                    |                                       |                  |
| 18. Asbest        | os Abatement            |                                   | \$               |   |                    |                                       |                  |
| 19. Commi         | ssioning Fee            |                                   | \$               | <del></del>                             |                    |                                       |                  |
| 20. Plan Re       | eview Fee               |                                   | \$ \$            |   | 500.00             |                                       |                  |
| 21. Printing      | & Distribution of Bid   | Docs                              | \$ \$            | ,                                       | 750.00             |                                       |                  |
| 22. Conting       | jencies - Minimum 5%    | of Line 7                         | \$ \$            | . , , , , , , , , , , , , , , , , , , , | 6,000.00           |                                       |                  |
| 23. Other C       | ost (Describe)          |                                   | \$               |   | 0,000.00           |                                       |                  |
| 24. Total C       | Other Cost (8-23)       |                                   |                  |   | φ.                 |                                       |                  |
| 25. T             | OTAL PROJECT CO         | ST /line 7 t line 04)             |                  |   | \$                 |                                       | 21,950.00        |
|                   |                         | ·                                 |                  |   |                    | · · · · · · · · · · · · · · · · · · · | 141,950.00       |
|                   | a. Gross Squar          |                                   | 0                |   |                    |                                       |                  |
|                   | b. Total Cost P         |                                   |                  |   | M-1-1-1-1          | _                                     | na               |
| ,                 | c. Total Cost Po        | er Pupil<br>. Area of Alternates, | 7/11             |   | \$                 |                                       |                  |
|                   | * Base Bid A            | rea Only                          | AH               |   | P                  |                                       |                  |
| Kentucky Re       | gistered Architect/Eng  | alneer:                           | M                | )                                       |                    |                                       |                  |
|                   |                         |                                   | met Hayes        | &-Associate                             | s, PLLC            | te: <u>3/24/</u> :                    | 2021             |
| Construction      | Manager:                |                                   |                  |   | Da                 | te:                                   |                  |
| Board of Edu      | catlon Designee:        |                                   |                  |   | Da                 |                                       |                  |