

**WEST VIRGINIA
SECRETARY OF STATE
NATALIE E. TENNANT
ADMINISTRATIVE LAW DIVISION**

Form #2

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WEST VIRGINIA
SECRETARY OF STATE

NOTICE OF A COMMENT PERIOD ON A PROPOSED RULE

AGENCY: School Building Authority of West Virginia TITLE NUMBER: 164

RULE TYPE: Procedural CITE AUTHORITY: 18-19D-1 et seq.

AMENDMENT TO AN EXISTING RULE: YES ☒ NO ☐

IF YES, SERIES NUMBER OF RULE BEING AMENDED: 1

TITLE OF RULE BEING AMENDED: School Building Authority Policy & Procedures Handbook

IF NO, SERIES NUMBER OF RULE BEING PROPOSED: _____

TITLE OF RULE BEING PROPOSED: _____

IN LIEU OF A PUBLIC HEARING, A COMMENT PERIOD HAS BEEN ESTABLISHED DURING WHICH ANY INTERESTED PERSON MAY SEND COMMENTS CONCERNING THESE PROPOSED RULES. THIS COMMENT PERIOD WILL END ON August 8, 2011 AT 4:00 P.M. ONLY WRITTEN COMMENTS WILL BE ACCEPTED AND ARE TO BE MAILED TO THE FOLLOWING ADDRESS:

Attention: Stella Gill

School Building Authority

2300 Kanawha Blvd. E.

Charleston, WV 25311

OR e-mail to stella.i.gill@wv.gov

THE ISSUES TO BE HEARD SHALL BE LIMITED TO THIS PROPOSED RULE.


Authorized Signature

ATTACH A **BRIEF** SUMMARY OF YOUR PROPOSAL

Statement Regarding the Updating of the Policy and Procedures Handbook

Since December 2010, the SBA staff has worked diligently to update the Policy and Procedures Handbook. Stakeholders including educators, design professionals and contractors were consulted for their expertise in bringing projects to life, which became a useful tool as methods of project management change. Because this is a living document, it is of paramount importance the Policy and Procedures Handbook is able to evolve to help create quality buildings in an efficient and responsible manner for the students as well as the taxpayers of West Virginia.

In the next few paragraphs we provide a description the changes that are proposed in the 2011 Edition of the Policy and Procedures Handbook. The SBA's Legislative Rules 1-7 were not changed and therefore we will not be required to send the revised document back through the legislative review process. However, changes proposed to the attachment to the legislative rules will be required to be sent to the Secretary of State's office and to be available for public comment for 30 days.

Appendix B: School Major Improvement Plan was updated to reflect the current \$1,000,000 limit the SBA will match on funds.

Appendix C: CEFPA Annual Update now asks for annual utility costs for all new SBA funded schools or SBA funded total HVAC system replacements.

Appendix F: Procedures for Review of Construction Fund Projects (Needs Funding), the Statewide Review team was eliminated.

Appendix H: SBA Grant Contract, language was added for Counties and Architects to require cooperation with a Construction Analyst (CA) or Construction Manager (CM) when assigned to the project by the SBA. Additionally, language was added to ensure projects are designed within SBA programming standards. Programming differences shall be resolved by the Architect and the County Board or additional local funds will be added to construct the desired facility.

Appendix I: Architectural Construction Regulations, Section H A&E Fees resulting in Change Orders, language was written to protect SBA funds. In the event a Change Order would result from an SBA, CM or CA's clarification comment cited during the review process and not addressed by the Architect, the SBA will not provide funding for such Change Order.

In Section K Building Component Requirements – Safe School Design, a note was added to the bottom requiring school planners to work closely with the State Office of Homeland Security (OHS) during all phases of the project. At the conclusion of the project, the Architect must comply with the most current OHS school access safety submission requirements.

A Section W Affidavit of Debt Paid was added to require all Contractors to provide information regarding outstanding debt in accordance with WV Code. SBA Form 177 was also created for this purpose.

A Section X Worker Eligibility Requirements was added requiring contractors to verify the eligibility of all workers on the project and to comply with all federal and state labor regulations.

In Professional Services of the Construction Analyst/Manager, language was added to clarify how and why CM/CA's are selected, designate the type of constructability and document coordination comments, explain how construction estimates are to be developed, and clarifies how reconciliation between the

Architect and the CM/CA is achieved. Additionally language was inserted that requires the Construction Manager to provide preconstruction and construction services as per the latest AIA C132 contract.

In Section VI Technology Plan, language was added to clarify and elaborate on SBA requirements for a school technology delivery plan to support curriculum in new schools.

In Appendix I: Architectural Construction Regulations, The School Construction Project Development flow chart was deleted.

Appendix J: SBA Supplemental, General and Special Conditions, Section XI Processing of Payment Applications, language was added stating that an approved construction schedule must be in place prior to the second pay application being requested. Failure to comply with this contract requirement will delay SBA processing of contractor pay applications.

In Section XIX Payroll Certification and Employment Reporting, Section E was added requiring successful low bid contractors and subs to comply with the latest provisions of WV Code Chapter 21 Article 1B-1-8 regarding verification of the legal employment status of workers. The Commissioner of Labor may enter an order that imposes disciplinary action on a contractor as provided for in article 21-1B-7 of WV Code.

In Section XXIV Project Closeout information was added that outlines the specific requirements and items that must be submitted at the end of a project.

In Section XXVI HVAC, TAB and Commissioning- language requiring HVAC Commissioning by a separate contractor was inserted and refers to the latest version of the SBA Quality & Performance Standards for further details.

Appendix K: School Access Safety Plan Section K, language was added that requires counties to submit any changes made to any building area, layout or initial data to the State Office of Homeland Security.

Appendix L: In SBA Form 104 Exhibit A-2, the project schedule and timeframe has been adjusted to allow review and reconciliation times in the Schematic, Design Development and Construction Document phases. Additional language was added to ensure timelines are followed and deadlines are met.

In SBA Form 105 Contractors Qualification Statement, language was added to reiterate the importance of the Contractors Qualification Statements with particular emphasis on the financial statement submission requirements and explain it is required to do work on a state funded project.

The SBA Forms 113 Construction Observation Report, 124 Contractor Evaluation Form and 138 Architect/Engineer Evaluation Form were updated for enhanced clarity and additional information.

SBA 168, 169, 170 Needs & MIP Job Signs and Building Plaques were updated.

SBA Form 176 C & D Project Submission Checklists were updated and placed in policy to ensure comments and concerns raised by the SBA, Owner, Construction Analyst or Manager in previous submissions are addressed before a project is moved to the next phase.

An SBA Form 177 Affidavit of Debt Paid was created to ensure Contractors are debt-free as the WV State Code requires them to be.

An SBA Form 178 Project Closeout Procedures was updated to help verify that all the necessary steps have been taken to ensure the Contractor, Owner and Architect have fully completed the project.

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OFFICE OF THE VIRGINIA
SECRETARY OF STATE

DRAFT 6/27/11

**SCHOOL BUILDING
AUTHORITY
~~GUIDELINES~~ POLICY
AND PROCEDURES
HANDBOOK**

SEPTEMBER 24, 2007

REVISED JUNE 27, 2011

PREFACE

The School Building Authority was created in 1989 by the West Virginia Legislature to address the educational planning and school construction needs of the state in an efficient and economical manner. The Legislature also created a state funding mechanism that would assist local boards of education in the construction and renovation of new and existing facilities. West Virginia Code 18-9D established legislation that created a governing board made up of citizens, State Board of Education members and members of the construction trades industry to oversee the program and create policies and procedures for the governance of the School Building Authority (SBA) and staff.

The Authority immediately began the work of establishing policies and procedures that responded to the shortcomings identified in previous assessments. Of paramount importance was the creation of a uniform long range planning process for all school systems in West Virginia. Working cooperatively with the State Board of Education, the SBA created a process to assist counties in the preparation of a Ten Year Comprehensive Educational Facilities Plan. The plan would serve as the roadmap to providing new and renovated schools but more importantly it would establish educational goals and objectives that meet the current and future needs of students in West Virginia.

Realizing that the success of the planning and construction program could only be achieved through partnerships with those directly affected by the program, the Authority gathered input from a variety of stakeholders including educators, community and business leaders, design professionals and the construction industry. These partnerships lead to the creation of the SBA Policy and Procedures Handbook and the companion document, the SBA Quality and Performance Standards. Together, these documents guide educators and the design and construction industry through the financing, planning and construction process for all school projects in West Virginia. For these efforts, the School Building Authority has been recognized nationally as one of the educational planning and construction leaders in the country.

The Policy and Procedures Handbook has been updated several times to react to ever changing needs of the educational community served. The Handbook will always be a living document and the needs of the students and staff of West Virginia schools will always drive the School Building Authority to strive for excellence in educational planning in our state.

Dr. Mark A. Manchin
Executive Director
School Building Authority of West Virginia

June 27, 2011

Dr. Mark A. Manchin, Executive Director

MEMBERS

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Revised June 27, 2011

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Mike Hall, Assistant Director of Architectural Services

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Ben Ashley, Project Manager

Mary Blashford, Coordinator of Finance

Sherry Grogg, Technical Assistant

Karen Courtney, Financial Assistant

Stella Gill, Secretary to Executive Director

Revised June 27, 2011

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA GUIDELINES AND PROCEDURES HANDBOOK

	PAGE
1 SBA REQUIREMENTS FOR COMPREHENSIVE EDUCATIONAL FACILITIES PLANS	1 <u>2</u>
1.1 Educational Agency CEF	1 <u>2</u>
1.2 Inter-County Feasibility Studies	2 <u>3</u>
1.3 Synopsis of Public Comment	2 <u>3</u>
1.4 Objective Evaluation of Implementation	3 <u>4</u>
1.5 Additional Requirements and Administrative Assurances	3 <u>4</u>
1.6 CEF Management – Amendments	3 <u>4</u>
2 FUNDING SCHOOL BUILDING AUTHORITY PROJECTS	5 <u>7</u>
2.1 Matching Funds	5 <u>7</u>
2.2 Federal Funds	5 <u>7</u>
2.3 Eligibility and Distribution of Funds	5 <u>7</u>
2.31 HVAC Engineering Studies	7 <u>9</u>
2.4 Awarding of Funds	7 <u>9</u>
2.5 Utilization of Funds – Authorized Expenditures	12 <u>14</u>
2.6 SBA Funds Accounting	13 <u>14</u>
2.7 Reimbursement Procedures	14 <u>15</u>
3 FUNDING SPECIFIC FACILITY PLANS	15 <u>17</u>
3.1 Building Gross Areas	15 <u>17</u>
3.2 Prototypical School Design	15 <u>17</u>
3.3 Design Capacity	16 <u>18</u>
3.4 Allowable Construction Costs for New Construction	16 <u>18</u>
3.5 Renovations	18 <u>20</u>
4 PROJECT ADMINISTRATION AND REVIEW	20 <u>22</u>
4.1 Educational Agency Administrator	20 <u>22</u>
4.2 Architectural/Engineering Firm	20 <u>22</u>
4.3 Design Fees	20 <u>22</u>
4.4 Clerk-of-the-Works	20 <u>22</u>
4.5 Construction Management	21 <u>22</u>
4.6 Design-Build Project Delivery	21 <u>23</u>
4.7 Review of Project	21 <u>23</u>
4.8 Geotechnical	21 <u>23</u>

4	PROJECT ADMINISTRATION AND REVIEW (CON'T)	PAGE
4.9	Applications for Payment	22 <u>23</u>
4.10	Review of Files	22 <u>24</u>
4.11	Occupancy of New Educational Facilities	22 <u>24</u>
4.110	Employees Operation of Building	22 <u>24</u>
4.111	Occupancy Permission	22 <u>24</u>
4.112	Training of Custodians and County Maintenance Staff	22 <u>24</u>
4.113	Radon Testing	22 <u>24</u>
5	SCHOOL BUILDING AUTHORITY CONTRACTS AND AGREEMENTS	23 <u>26</u>
5.1	Grant Agreement	23 <u>26</u>
6	SCHOOL BUILDING AUTHORITY REPORTING PROCEDURES	24 <u>28</u>
6.1	Financial, Planning and Construction Reports	24 <u>28</u>
7	SCHOOL ACCESS SAFETY ACT GUIDELINES AND PROCEDURES	26 <u>31</u>
7.1	School Access Safety Funds	26 <u>31</u>
7.2	Awarding of Funds	26 <u>31</u>

APPENDICES – SBA GUIDELINES AND PROCEDURES HANDBOOK

	Page
Appendix A	Economies of Scale <u>27</u> <u>32</u>
	Waiver Guidelines – Economies of Scale <u>28</u> <u>33</u>
Appendix B	School Major Improvement Plan <u>29</u> <u>34</u>
	MIP (General) <u>30</u> <u>35</u>
Appendix C	CEFP Annual Update <u>39</u> <u>44</u>
Appendix D	SBA Emergency Fund Requirements <u>40</u> <u>45</u>
Appendix E	Planning Grants <u>42</u> <u>47</u>
Appendix F	SBA Procedures for Review of Construction Fund Projects (Needs Funding) <u>43</u> <u>48</u>
Appendix G	Process for Development of a Design-Build Project <u>46</u> <u>51</u>
Appendix H	SBA Grant Contract <u>50</u> <u>55</u>
	Building Maintenance and Upkeep Agreement <u>56</u> <u>62</u>
Appendix I	Architectural and Construction Regulations <u>57</u> <u>63</u>
	Application for Project Approval <u>57</u> <u>63</u>
	Procurement of Architectural/Engineering and Construction Management Services <u>57</u> <u>63</u>
	Design Fees <u>58</u> <u>64</u>
	Architectural and Engineering Fees <u>59</u> <u>65</u>
	Fee Modifications <u>60</u> <u>65</u>
	Multiple Prime Contracting Fees <u>60</u> <u>66</u>
	Prototypical School Design Fees <u>60</u> <u>66</u>
	A&E Fees Relating to Change Orders <u>61</u> <u>66</u>
	Reimbursable Expenses <u>61</u> <u>67</u>
	Additional Services <u>62</u> <u>68</u>
	Building Component Requirements <u>62</u> <u>68</u>
	Building Component Requirements – Safe School Design <u>63</u> <u>69</u>
	Disqualification of Contractors <u>64</u> <u>70</u>
	Construction Project Development <u>64</u> <u>70</u>
	Construction Project Submission and SBA Review <u>65</u> <u>71</u>
	Real Estate Acquisitions Using SBA Funds <u>66</u> <u>72</u>
	Clerk-of-the-Works Requirements <u>66</u> <u>72</u>
	Mandatory Pre-Bid Conference <u>67</u> <u>73</u>
	Construction Project Bid Coordination and Reporting <u>67</u> <u>73</u>

Appendix I (cont'd)	Contractor Evaluation	68 <u>74</u>
	Architect Evaluation	68 <u>74</u>
	Construction Observation Report	68 <u>74</u>
	Certificate of Project Completion	68 <u>75</u>
	<u>Affidavit of Debt Paid (SBA 177)</u>	<u>75</u>
	<u>Worker Eligibility Requirements</u>	<u>75</u>
	Professional Services of the Construction Analyst	70 <u>76</u>
	Professional Services of the Construction Manager	72 <u>79</u>
	Duties and Responsibilities of the Clerk-of-the-Works	75 <u>82</u>
	SBA Educational Specifications	77 <u>84</u>
	Summary of Spaces (SBA 142)	81 <u>89</u>
	Subject Area Space Allocation (SBA 141)	82 <u>90</u>
	Building Program Utilization Worksheet (SBA 156)	83 <u>91</u>
	SBA Maximum Class Sizes (SBA 167)	84 <u>92</u>
	School Construction Project Development	86
Appendix J	SBA Supplemental, General and Special Conditions	91 <u>99</u>
	Contract Document Requirements	91 <u>99</u>
	Contractor Registration Certificate and Tax Releases	92 <u>100</u>
	Contractor Licensing	92 <u>100</u>
	Bid Bond	93 <u>101</u>
	Performance Bond	93 <u>101</u>
	Workers Compensation	94 <u>102</u>
	Contractor Insurance	94 <u>102</u>
	Permits and Licenses	96 <u>104</u>
	Semi-Proprietary Specifications	96 <u>104</u>
	Wage Rates and Certified Payroll	96 <u>105</u>
	Processing of Payment Applications	97 <u>105</u>
	Retainages	97 <u>105</u>
	Liquidated Damages	97 <u>106</u>
	Standard of Quality and Codes	98 <u>106</u>
	Bid Certification	98 <u>106</u>
	Bids Withdrawal	98 <u>107</u>
	Rejection of Bids	99 <u>107</u>
	Submittal of Subcontractors and Major Equipment and Material Suppliers	99 <u>107</u>
	Payroll Certification and Employment Reporting	101 <u>109</u>
	Contractor Qualification and Financial Statement	102 <u>110</u>
	Award of Contract	103 <u>111</u>
	Project Job Signs and Building Plaques	103 <u>111</u>
	SBA Project Observation	104 <u>112</u>
	Contractor Project Close-out	104 <u>112</u>

Appendix J (cont'd)	Asbestos Abatement Requirements	105 <u>114</u>
	Heat, Ventilating and Air-Conditioning	106 <u>115</u>
	Test, Adjusting and Balancing Requirement and Commissioning	
	SBA Criteria for Selection of Lowest Qualified Bidders (Award of Bids)	107 <u>116</u>
Appendix K	School Access Safety Plan (General)	109 <u>118</u>
	School Access Safety Plan	110 <u>119</u>
	Detailed Requirements for Each Section of the School Access Safety Plan	111 <u>120</u>
	SBA Review of School Access Safety Projects	117 <u>126</u>

FORMS – SBA GUIDELINES AND PROCEDURES HANDBOOK

FORM NUMBER	FORM DESCRIPTION
SBA 104	Exhibit A-1 Project Description & Finance Plan Exhibit A-2 Project Development Schedule Exhibit B Requisition Form Exhibit C Project Finance Plan Amendment Form
SBA 105	Contractor's Qualification Statement
SBA 106	CEFP Application for Amendment
SBA 113	Construction Observation Report
SBA/WVDE 116	Facility Classification Form
SBA 120	Construction Fund Project "Needs" Executive Summary
SBA 123	List of Proposed Subcontractors Equipment/Material Suppliers
SBA 124	Contractor Evaluation Form
SBA 131	Economy of Scale Waiver Request
SBA 132	Instructions & HS Attendance Area/Feeder School Summary
SBA 134	Facility Evaluation Form (General, Site, Facility Spaces, School Improvement Cost Summary)
SBA 138	Architect/Engineer Evaluation Form
SBA 139	Certificate of Contract Completion for Multiple Prime Projects
SBA 141	Area Space Allocation (Worksheet #2)
SBA 142	Summary of Spaces (Worksheet #1)
SBA 143	Maintenance & Custodial Care Site Visit Report
SBA 145 a&b	MIP Annual Update
SBA 146	SBA Occupancy Report
SBA 147	Translating Educational Needs Into Facility Needs & Building Improvement Cost Summary
SBA 148	Proposed Building Use and Capital Improvements
SBA 149	Evaluation of Previous Ten Year CEFP
SBA 150	Evaluation of Completed Project from the Previous Ten Year CEFP
SBA 152	Abandoned Schools Report
SBA 156	Building Program Utilization Worksheet
SBA 157	Bid Certification Form
SBA 158	Technology Infrastructure Review
SBA 159	Verification of HVAC Training
SBA 160	School Access Safety Repair & Renovation Schedule (Annual Update)
SBA 161	School Access Safety Audit
SBA 162	Executive Summary – CEFP (Annual Update)
SBA 163	CEFP Progress Report #1
SBA 164	CEFP Progress Report #2
SBA 165	Major Improvement Project – Executive Summary
SBA 166	SBA Maximum Gross Building Square Footage Allowance
SBA 167	SBA Maximum Class Sizes
SBA 168	SBA Job Sign (Needs Project)

SBA 169	SBA Job Sign (MIP Project)
SBA 170	SBA Building Plaque
SBA 171	Design Build Services
SBA 172	Design Build – Educational Facilities Planner
SBA 173	Design Build – Performance Criteria Developer
SBA 174	Anti-Bullying Audit
SBA 175	SBA Architectural/Engineering Fee Schedule
<u>SBA 176a</u>	<u>SBA Project Submission Form: Planning Phase</u>
<u>SBA 176b</u>	<u>SBA Project Submission Form: Schematic Design Phase</u>
<u>SBA 176c</u>	<u>SBA Project Submission Form: Design Development Phase</u>
<u>SBA 176d</u>	<u>SBA Project Submission Form: Bidding Document Submission</u>
<u>SBA 176e</u>	<u>American Recovery and Reinvestment Act Funds</u>
<u>SBA 177</u>	<u>Affidavit of Debt Paid</u>
<u>SBA 178</u>	<u>Project Closeout Procedures</u>
<u>SBA 179</u>	<u>Annual Energy Usage</u>
WVDE P-1	Application for Project Approval
WVDE BP-13A	Certificate of Project Completion

SBA GUIDELINES AND PROCEDURES

RULE 1

SBA REQUIREMENTS FOR COMPREHENSIVE EDUCATIONAL FACILITY PLANS

- 1.1** A. Educational Agency Comprehensive Educational Facility Plans (CEFP) shall be developed in accordance with State Board Policy 6200, the “Handbook on Planning School Facilities,” and approved by the SBE prior to any consideration by the SBA.
- B. Each educational agency plan will identify specific projects that are being presented for competitive SBA funds. These plans will include how the project will effectively address the following issues:
1. Student Health and Safety
 2. Economics of Scale (Appendix A) economies of scale based on minimum allowable enrollments are as follows:
 - a. Elementary schools with an enrollment of 300 students in grades 1-6, 200 in grades 1-4, or a minimum of 2 classes (25 each) per grade level, are recommended to achieve the economy of scale. Early childhood, kindergarten and exceptional students may increase this minimum standard.
 - b. Middle and junior high schools with an enrollment of 450 students in grades 7-9 or 6-8, 5-8 schools with 600 students, or schools with 150 students per grade level minimum are recommended to achieve the economy of scale at the intermediate level.
 - c. High schools with an enrollment of 600 students in grades 10-12, 800 students in grades 9-12 or 200 students at each grade level are recommended to achieve the economy of scale.
 - d. These enrollments will be considered in determining eligibility for all SBA funding for early childhood, intermediate and adolescent facilities.
 - e. Geographic or other considerations may require exceptions to be considered. Regional planning across county lines should also be considered to achieve these minimum enrollment standards where population centers warrant.
 3. Reasonable Travel Time and other Demographics
 4. Multi-County and Regional Planning
 5. Curricular Improvement and Diversifications
 6. Innovations in Education
 7. Adequate Space for Projected Student Enrollment
 8. A history of the county’s efforts to propose and/or adopt local school bond issues or special levies for capital improvements.

- C. A ten-year time line for the implementation of the total plan indicating when each proposed facility action is to be taken and each project is to begin.
- D. A completed Facility Classification Report that classifies each facility in the county. (SBA/WVDE Form 116)
- E. Narratives on each existing school facility describing future use and scheduled improvements.
- F. Completed building evaluation forms on each facility in the county using the SBA School Facilities Evaluation and Inventory Instrument including cost summaries indicating the cost to upgrade to meet current standards. (SBA 134)
- G. An assurance that the county is in compliance with the SBE order regarding housing of Special Education programs in segregated facilities.
- H. A Major Improvement Plan (MIP) which addresses the requirements established by the SBA. (Appendix B)

1.2 Inter-County Feasibility Studies

- A. Each county shall submit to the SBA/SBE a list of grouped, inter-county attendance areas where potential exists for cooperative utilization of a facility between or among adjacent counties. (May include multi-county facilities, i.e., magnet school, area vocational centers, etc.)
- B. A planning study is to be completed to assure that an efficient and effective instructional delivery system will be utilized addressing each of the items indicated in SBE Policy 6200, "Handbook on Planning School Facilities," 100.01 (A-J) as well as the issues 1 thru 8 in 1.1 B of the SBA Policy and Procedures Handbook.
- C. A detailed analysis of the results of this study and a facility recommendation based on its conclusion shall be included.

1.3 Synopsis of Public Comment

Prior to submitting the CEFPP to the SBE and the SBA, one or more public hearing(s) must be held to provide broad-based community input into the plan. Notice of such hearings shall be published as a Class I legal advertisement in compliance with the provisions of 59-3-1 et seq. of the Code of West Virginia. As an addendum to the CEFPP, sufficient documentation, including verification of public notices from the local newspapers and a synopsis of all comments received during the hearings must be included.

1.4 Objective Evaluation of Implementation

As part of the total CEFPP, the county shall include an objective means to be utilized in evaluating implementation of the overall plan and each project included therein (SBA 150). The evaluation shall measure:

- A. How each project further the quality educational goals of the SBA as defined in WV Code 18-9D-16. This shall include: student health and safety, economies of scale, travel time and other demographics, achievement of effective and efficient instructional delivery system, curricular improvements, and innovations in education, adequate space for projected student enrollments and local effort in funding school facility improvements.
- B. How the overall success of any project has related to the facilities plan of the county and the overall goals of the SBA.
- C. Prior to submission of a new ten year CEFPP, an evaluation report shall be completed and submitted to the SBA and the SBE. (In addition to the evaluation criteria included in your plan the report shall include the issues designated in SBA Form 134 of the SBA Policy and Procedures Handbook).
- D. Amendments that initiate major revisions of the CEFPP within the ten year planning cycle shall include how the existing plan no longer meets the goals and needs of the county and the goals of the SBA.

1.5 Additional Requirements and Administrative Assurances

A statement of assurance by the county superintendent that the county's plan includes all requirements in Section 1 of the SBA Policy and Procedures Handbook.

1.6 CEFPP Management – Amendments

- A. Amending the County CEFPP Plan – Because the CEFPP is a living document that may be updated periodically based on approved amendments and the continually changing needs of the county, it is necessary to formally update the plan annually. (Appendix C)
 - 1. Major revisions to the CEFPP including the MIP, are to be submitted to the SBE and the SBA by December 1 each year.
 - 2. Major revisions include the addition of new schools, school closures that have been approved by the SBE and reclassification of all existing schools.
 - 3. Final approval of all closures remains the responsibility of the SBE. The CEFPP will be amended by the SBA to reflect school closures only after SBE action.

4. The county CEFPP is to be maintained as a working document and is to be updated as amendments or actions to implement the plan are completed.
 5. Amendment requests that make major revisions prior to the end of the ten year planning period shall be submitted with an evaluation of the current approved plan in accordance with Section 1.6.
- B. Budget Amendments to CEFPP
1. Routine amendments on projects using partial or full SBA funding or any state or federal funds must be amended through the SBE and the SBA.
 2. SBA/SBE Form 106 must be completed fully and submitted to the SBE and SBA for approval in order to institute an SBA budget amendment. SBA Needs and MIP funds cannot be transferred from one project to another.
 3. SBA/SBE Form 106 must also be used to initiate budget amendments to both the SBE and SBA for all projects regardless of the funding source if the instructional square footage is altered, or the work exceeds \$50,000.

SBA GUIDELINES AND PROCEDURES
RULE 2

2 FUNDING SCHOOL BUILDING AUTHORITY PROJECTS

2.1 Matching Funds

With exception of School Access Safety Funds, no matching local funds shall be required to obtain SBA funds, however, each facility plan shall address the history of efforts taken by the county board of education to propose or adopt local school bond and/or special levies for capital improvements.

2.2 Federal Funds

Expenditure of any federal funds designated for construction and/or capital improvements of school facilities shall be approved by the SBA. SBA/SBE Form 106 and/or SBA Exhibit C is/are to be utilized for approval request if funds are to be approved initially for use on a new project or if federal funds are to be amended into an existing project budget.

2.3 Eligibility and Distribution of Funds

It is the intent of the legislature that the SBA fund the improvement and construction of school facilities to meet the needs of the people of West Virginia in an efficient and economical manner. To be eligible for funding, educational agencies must have on file in the SBA office an approved CEF and all required pre-qualification data for any particular funding category from which funding is being requested. Failure to provide this information or project proposals by the deadlines established by the Authority will eliminate the submitted project from consideration. These funds shall be distributed as follows:

- A. Three Percent (3%) Statewide Grants – Three percent (3%) of the total funds available to the Authority for distribution from the school construction fund during any funding cycle may be utilized for projects. Facilities eligible for three percent (3%) funding:
 - 1. Must serve the statewide educational community,
 - 2. House educational programs under the jurisdiction of the SBE, or
 - 3. House vocational programs at comprehensive high schools and/or vocational schools cooperating with community and technical college programs.Any project funded, must be included in an approved ten-year facilities plan submitted by the State Board or Administrative Board of the facility. Projects submitted must include any and all other funding sources potentially available for the project. Grant funds shall expire based on a three year contractual agreement between the SBA and the grantee.
- B. Emergency Grants – Funds amounting to no more than two percent (2%) of the total funds available for distribution from school construction funds shall be set aside as an emergency fund to be distributed in emergency situations as defined by the Authority. Application for such funds shall be in accordance with SBA procedures. (Appendix D) Grant funds shall

expire based on a three year contractual agreement between the SBA and the grantee.

- C. Planning Grants – Effective and efficient use of resources can best be assured through appropriate development of the ten-year Comprehensive Educational Facilities Plan required in SBE Policy 6200. Therefore, if funds are deemed available, the SBA may provide grants to assist counties with the development of their CEFP for the successive ten-year planning period. These grants will be made available only during the final two years of each ten-year planning period. Planning grants will be used to assist the county boards and area vocational centers with a portion of the cost for professional services associated with the research and development of the ten year CEFP. The SBA will establish the amount available for distribution prior to each ten year planning cycle.
- D. School Construction Grant “Need” – The remaining monies determined by the Authority to be available for distribution from school construction funds shall be allocated and expended on the basis of needs and efficient use of resources. The SBA shall make funding determinations in accordance with the provisions of the Code of West Virginia and shall assess existing school facilities and each facilities plan in relation to the needs of the individual student, general school population, the communities served by the facilities and facility needs statewide. Grant funds shall expire based on a three year contractual agreement between the SBA and the grantee and may be extended up to two years at the discretion of the SBA.
- E. Major Improvement Program Grants – Funds appropriated by the legislature to the school major improvement fund shall be distributed by the SBA on the basis of need. These funds are for major renovation or rehabilitation of existing facilities and for additions to existing schools. Grants to counties from the major improvement fund are for projects of at least \$50,000 but not exceeding \$1,000,000. A county may be eligible for major improvement funds provided:
 - 1. The county has an approved Major Improvement Plan (MIP). (Appendix B)
 - 2. The county is ready to expend the funds in the fiscal year monies are distributed to them.
 - 3. The county has spent, in the previous year, an amount in maintenance of their schools equal to the average of the lowest three of the past five years maintenance budget.
 - 4. The county has budgeted in their current maintenance budget an amount equal to or greater than the average determined in item three above.
- F. School Access Safety Grant – Funds appropriated by the legislature to the School Access Safety Fund shall be distributed by the SBA based on the availability of funding. These funds are for improvements of school access safety and will be distributed in accordance with SBA Policy

provided the county board is in compliance with all requirements in Appendix K of the SBA Policy and Procedures Manual.

2.31 HVAC Engineering Studies

Needs and MIP projects involving heating, ventilating and air-conditioning renovations must be accompanied by an engineering study and complete estimate of probable cost to be considered for funding. The engineer performing the study must be licensed in the State of West Virginia and must be registered in the discipline for which the proposed renovation relates. Projects involving the redesign of HVAC systems must be accompanied by an engineering study outlining the scope of work proposed and cost estimate for completion.

2.4 Awarding of Funds

Any project for which funds are being requested from the SBA must be part of an approved CEFPP identified either as a major need or major improvement.

A. Three Percent (3%) Statewide Grants

1. Projects eligible for three percent (3%) statewide funds include any facility that serves the educational community statewide or houses educational programs that are under the jurisdiction of the SBE, regional vocational-technical centers, as well as county vocational centers.
2. Projects submitted for competitive funding from the three percent (3%) designation must include information regarding the following areas as described in the "Handbook on Planning School Facilities" wherein applicable:
 - a. An analysis of the community being served.
 - b. A study of the population and enrollment.
 - c. The education plan.
 - d. An evaluation of the existing facility.
 - e. The financing plan for the project.
 - f. Translation of educational needs into facility needs.
 - g. A School Construction Fund Project ("Needs") Executive Summary (SBA 120)
 - h. An explanation of how the project relates to the major items presented in 1.1 B (1 thru 8) of the SBA Policy and Procedures Handbook.
3. All projects submitted for three percent (3%) funding shall be submitted directly to the SBA which shall be solely responsible for the evaluation and selection of all projects.
4. Projects submitted that are under the jurisdiction of the State Board of Education will be forwarded by the SBA to

the State Board of Education for review and recommendation.

B. Five Percent (5) Multi-Use Vocational-Technical Education Facilities Funds

An amount up to 5% of available funds from the school construction funds may be made available by the Authority during any funding cycle for projects at Multi-Use Vocational-Technical Education Facilities. Projects eligible for five percent (5%) statewide funds include:

1. Any facility that serves the vocational-technical educational community and,
2. Is under the jurisdiction of the SBE, a county board of education, a Regional Administrative Council, or joint Administrative Board that may include post secondary programs as a first priority.

Projects funded from the five percent (5%) vocational fund may include expenditures for equipment and equipment updates. Project applications shall be submitted to the Authority in accordance with the Needs Grant Fund process described in 2.4 E. Prior to distribution of funds in any given funding cycle, the Authority shall consider the amount, up to 5% of the total available for distribution that shall be set aside for this purpose.

C. "Emergency Funds

1. The Emergency Fund is available at the discretion of the Authority to assist where emergency situations endanger a safe and healthful environment for students.
2. To qualify for a grant from the emergency fund:
 - a. Need must have been generated by an unforeseeable catastrophic event (i.e., fire, wind, earthquake, flood, storm, etc.), general disaster or Act of War.
 - b. Funds from federal, state and local sources for emergency repairs and replacements must have been identified and included in the project budget.
 - c. All insurance claims must have been filed and amount of settlement determined. Insurance coverage of a facility should be equal to the cost of replacement.
3. State School Improvement funds including Emergency Grants will only be considered for buildings covered by flood insurance or buildings effected by flooding that are outside the established 100 year flood plain and therefore not eligible for flood insurance. Buildings eligible for

- flood insurance but not insured by the county will not be eligible for SBA funding.
4. Because of limited resources in the Emergency Fund, and to encourage local boards of education to appropriately insure their facilities, grants from the Emergency Fund shall be limited to an amount not to exceed two million dollars for any and all damage to schools incurred during any given catastrophic event.
 5. Application shall be made within ten days after said emergency to the SBA and in accordance with adopted SBA procedures. (Appendix D)

D. CEFPP Planning Grants

1. It is the responsibility of each county to develop and implement a ten-year Comprehensive Educational Facilities Plan (CEFP) in accordance with SBE Policy 6200 beginning with the year 1990 and for each successive ten-year planning period thereafter.
2. The SBA may provide a one time grant during the allotted planning period to attain professional consultation in the development of said county-wide CEFP. (Appendix E)
3. The planning/grant period shall include the final two years of the existing ten-year planning period and shall be available during each successive ten-year planning period as funds are determined available for distribution by the Authority.
4. The effective date for new CEFPs shall be established by the Authority. Therefore, the current grant period shall incorporate both the year before the end of the ten year planning cycle and the year of the expiration of the ten year planning cycle. Availability of funds shall begin on July 1, twenty-four months prior to the deadline for submission of the ten year plan and expire in 24 months or June 30, of the year the plan is required to be completed. However, a county will not be eligible for SBA funding after the CEFP expiration date without an approved CEFP. Any monies remaining in the fund shall be expired to the construction fund.
5. Grants shall not exceed 50% of a county's cost for said consulting services and limits of the grant amount shall be established by the Authority for each ten year planning period.
6. Professional consultants shall be selected in a manner approved by the SBA. To achieve consistency among all county plans, the SBA may provide educational facilities planners and architectural/engineering consulting

professionals to assist with the preparation of each county plan. (Appendix E)

7. The SBA and SBE may monitor the planning process and set submission deadlines for portions of the CEFPP.

E. School Construction Funds “Needs” Grants

1. Each county in West Virginia who has an approved CEFPP is eligible for capital improvement funds from the SBA based on the needs of the facilities in their district.
2. Each county is responsible for determining in their facilities plan the specific project(s) for which SBA School Construction Fund (“Needs”) will be requested. This individual project will be fully developed in regard to the issues indicated in 1.1 in the SBA Policy and Procedures Handbook and have a SBA School Construction Funds Project (“Needs”) – Executive Summary completed. (SBA 120)
3. Proposals for School Construction Fund projects must be part of an approved CEFPP, and submitted at the request of the Authority based upon the availability of funds for distribution.
4. The SBA will appoint a plan review advisory team that will assist the SBA staff in an advisory role during the review of each project submitted by the counties. The Authority reserves the right to request review of any or all projects submitted to them that they feel has special merit or extenuating circumstances. (Appendix F)
5. The Authority will review and evaluate the projects based upon criteria set forth in WV Code 18-9D-16(d) and 1.1 of the SBA Policy and Procedures Handbook. The SBA staff will provide on-site information and project evaluations for all projects to the Authority for final review and funding consideration along with a prioritized list of potential projects based on staff and advisory team evaluations. At the conclusion of each funding cycle, each county shall receive an explanation of the evaluating factors underlining the decision of the Authority to fund or not to fund the project. Additionally, prior to final action on approving projects for funding, the Authority shall submit a certified list of the projects to the Joint Committee on Government and Finance.

F. Major Improvement Funds

1. Each county or educational agency that has an approved Major Improvement Plan (MIP) as part of an approved CEFPP and meets the criteria in Section 2.3 of the SBA

Policy and Procedures Handbook is eligible for capital improvement funds from the SBA's Major Improvement Fund.

2. Major Improvement Plan (MIPs) are developed by each county or educational agency in accordance with the guidelines in Appendix B and approved by the SBA. The MIP shall address how the proposed plan, and any project in it, meets the following goals and objectives as established by the SBA in Appendix B.
3. Each county shall submit as part of their annual CEFP Update a prioritized list of MIP projects for SBA review. The most needed project shall be further developed to address the criteria of the SBA as indicated in Appendix B and submitted for funding consideration.
4. The SBA shall review and rate the projects for funding each year in the manner prescribed in Appendix B.
5. MIP Funds shall expire based on a two year contractual agreement between the SBA and the grantee. An extension of funds will not be granted.

G. School Access Safety Grants

1. Each county board with an approved School Access Safety Plan who meets the eligibility requirements of the School Access Safety Act (Rule 7 and Appendix K of this Handbook) will qualify for school access funds.

H. Reserve Funds – Needs Projects

SBA Reserve Grant funding may be provided by the Authority at its discretion in an amount not to exceed \$500,000 for meritorious projects determined to be eligible under the "Needs" based school construction fund. These funds shall be set aside and not expended awaiting final approval of the project budget by the SBA. The purpose of these funds is to establish SBA support for a project and to acknowledge the intent of the Authority to fund the appropriate balance of the project as funds become available and the county finalizes an SBA approved finance plan for the project. These funds will be held by the Authority for a period established in the grant agreement between the county board and the SBA not to exceed eighteen months. Upon approval of the actual needs grant to develop the project an additional three (3) years will be provided to complete the design and construction of the facilities established in WV Code 18-9D-15(f). Should the grant recipient fail to secure the remaining project funds to complete the entire finance plan for the project these funds will automatically revert to the school construction fund and be made available for distribution to other projects.

2.5 Utilization of Funds – Authorized Expenditures

- A. Bond Retirement
 1. With approval of the funding agency, SBA funds may be dedicated to the payment of local bonds that were used for the purposes defined in an approved facility plan.
 2. With SBA approval, state funds may be used for the repayment of local bonds issued by the Authority for the benefit of the county, but are in addition to bond monies made available by the Authority.
- B. Construction Costs – SBA funds may be used for capital improvement projects including new construction, additions or renovations to existing facilities, provided, such project meet the SBA guidelines and are approved by the SBA. Allowable costs of construction will be reviewed and approved annually by the Authority on or before the June Quarterly meeting. SBA funds cannot be transferred from one project to another.
- C. Major Improvement Funds – MIP Grants awarded to an agency for projects from their MIP must be for projects of at least \$50,000 but not exceeding \$1,000,000. It is intended that each county's routine maintenance budget be responsible for general repairs and upkeep of school facilities. Projects designed to supplant these county funds will not be considered as fundable from the major improvement fund.

2.6 SBA Funds Accounting

- A. Treasurer's Report
 1. A separate account shall be set up within the fiscal records of the individual county to account for all SBA funds. All records shall be maintained pending a final project audit.
 2. Funds expended for a multi-county project shall be distributed to the county designated as the fiscal agent for the project.
- B. Budget Coding
 1. County budgets must be supplemented when a grant transfer letter is received from the SBA. This letter will accompany the Grant Agreement and will inform the county that monies will be transferred from the state account to the county's account at the custodial bank at the time the signed contract is received by the SBA.
 2. Monies must be supplemented into the general current expenditure funds (Fund 1).
 3. All funds to be utilized for capital improvement, regardless of the source, are to be coded in project 25 utilizing the following code numbers:

25X1X – All SBA Funds
25X3X – Local Funds
25X4X – Federal Funds
25X5X – Better School Amendment Funds
25X9X – Other Funds

2.7 Reimbursement Procedures

- A. Funds will be distributed through a requisition process wherein:
1. Original invoices are submitted to the SBA offices and to the trustee of the account (bank) before the fifth (5th day) of each month. Submission to both entities is required to transact payment to the county.
 2. Invoices for each project code will be grouped together with one requisition cover sheet for each project code. (SBA 104)
 3. Each requisition sheet must be signed by the superintendent of schools with certification that the previous month's invoices were paid to the vendors (Item C on Exhibit B)
 4. Invoices are reviewed in the SBA Office between the fifth (5th) and the tenth (10th) of each month.
 5. Checks are written to reimburse the counties for approved expenditures on the fifteenth (15th) of the invoice month unless additional data is requested by the SBA.
 6. Should clarification of a specific invoice or the status of a specific project be required, payment may be delayed until support data to verify the expenditure is provided to the SBA.
 7. A BP-13-A or SBA Certificate of Contract Completion for Multiple Prime Projects (SBA 139) form to verify completion of a contract must be submitted prior to the request for final payment on every contract. A retainage equal to five percent (5%) of the total contract construction cost will be held by the SBA until the contract is officially closed by submission of the completed BP-13-A and signed by a representative of the SBA. (WVDE BP-13A & SBA 139)
 8. No educational facility shall be occupied without prior approval from the Authority and the appropriate state and county regulatory agencies.

SBA GUIDELINES AND PROCEDURES
RULE 3

3 FUNDING SPECIFIC FACILITY PLANS

3.1 Building Gross Areas

- A. Allowable gross square foot building areas shall be reflective of the student population and the educational program. The building design shall maintain a minimum program utilization of 85% unless this requirement is waived by the SBA due to extenuating circumstances (i.e., specialized classrooms in comprehensive high schools, declining or increasing student populations, middle school grade configurations and elementary school restrictive classroom enrollments). The actual maximum square footage approved for construction may or may not be equal to the maximums established by the SBA.
- B. In order to encourage efficiency, yet continue to provide funding for small rural community schools that may be geographically isolated from other schools, those schools funded with enrollments below the SBA enrollment ranges (See Appendix A) shall be planned on an individual school basis. The actual square footage shall be dictated by prior agreed upon design enrollments and space required to house the number of students and curricular offerings.
- C. With exception of the small school design procedure, all other schools maximum gross building area allowances shall be computed as the product of the design enrollment times the SBA approved square foot allowance per pupil. The SBA will annually publish on or before the June Quarterly meeting the maximum allowable square footages for elementary, middle/junior and high schools based on the latest requirements of State Board Policy 6200 and SBA Policy and Procedures Handbook.

3.2 Prototypical School Design

- A. To encourage efficiency in school design, SBA standardized building performance criteria will be used and where possible, proto-type designs for common academic spaces will be incorporated into new school designs. Local boards shall consider complete building design proto-typing for each project. The SBA will, in cooperation with the local board, determine if and when existing building designs may be duplicated for other projects within the county. The maximum amount of architectural and engineering (A&E) design fees that will be paid from project funds will be determined by the SBA and will be based on the size and complexity of the project. Additional fees above the SBA maximum are allowable. However, these fees must be paid by the local board as a separate project cost. A&E fees will be adjusted in new school designs where extensive proto-typing is incorporated into the design by the SBA or county board of education.
- B. Prototypical school designs must be used when educational and design conditions exist that allow the reuse of a previous building design. The

local board in cooperation with the SBA staff will review this option and determine if the proposed school design may be prototyped from other school designs immediately following SBA approval of a new school project.

- C. Prototypical school design considerations include but are not limited to:
- School enrollment similarities
 - Educational Planning requirement similarities
 - Site and climatological conditions

3.3 Design Capacity

- A. Design capacity shall be defined as the 8th year projected enrollment of students expected to attend a school facility as indicated by historical enrollment trends and the ten year CEFPP enrollment projection.
- B. Vocational space for new comprehensive high schools will be reviewed for each individual project and shall be included as part of the total design capacity.

3.4 Allowable Construction Costs for New Construction

- A. SBA funded allocations for the construction of each facility will be limited through use of the maximum gross area allowance times (X) the most current SBA approved square foot cost for elementary, junior/middle and senior high schools.
- B. Construction cost per square foot may be adjusted by the SBA to reflect regional cost factors. Statewide construction costs will be reviewed annually and may be adjusted upwardly or downwardly for inflation based on actual and projected costs of projects constructed. This information will be reviewed and the construction cost allowances published by July each year.
- C. The construction costs allowance shall include site work, building construction cost, building furnishings and equipment, architectural and engineering fees, construction manager or clerk-of-the-works, survey work, geotechnical studies, radon testing, utility connections from the building to the property line and advertisements.
- D. New elementary schools with design enrollments less than 400 students will be provided a combined art and music classroom. New elementary schools with design enrollments greater than 400 students will be provided separate art and music classrooms. All new elementary schools shall be designed with a physical education space separate from the cafeteria. The size of the physical education spaces will be based on the student enrollment of the school and will comply with State Board Policy 6200 Guidelines.

- E. In compliance with WV Code 18-9D-19(c), auxiliary gyms are to be included as allowable construction costs in high schools that meet the minimum SBA efficiency enrollments of 800 students in grades 9-12.
 - 1. Auxiliary gym spaces shall be a maximum total of 6,000 square feet and 144,000 cubic feet.
 - 2. Spectator seating within the allowable 6,000 square feet may be up to 1,000 square feet.
 - 3. Approved costs for auxiliary gyms do not include spaces for additional locker, restroom, dressing room or office spaces.
 - 4. SBA funds for auxiliary gyms may not be used in conjunction with local funds to increase the size and/or spectator capacity of an auxiliary gym to create a second spectator gym.
- F. In compliance with WV Code 18-9D-19(b), comprehensive vocational facilities may be constructed in new high schools or existing high schools that meet the minimum SBA efficiency enrollments. The following criteria will be considered to determine the feasibility of construction of these spaces:
 - 1. The distance of existing vocational facilities from the new or existing high school location.
 - 2. The current demand of secondary students for vocational programs and/or the condition of the existing facilities must justify the need for additional/replacement spaces or the renovation of existing spaces.
 - 3. The construction of a vocational component at a new comprehensive high school or at an existing high school must not create an adverse effect on other county vocational students or vocational students from other counties. The SBA does not deem the construction of any additional vocational spaces feasible:
 - a. If it could result in the reduction of available vocational programs at the existing school.
 - b. If it results in the inefficient use of existing or new vocational space.
 - c. If it adversely reduces existing vocational center operational budgets.
 - d. If it could result in the closure of any existing county or multi-county vocational center currently serving the student population of two or more feeder schools.
- G. SBA Grant Funds may not be used for:
 - 1. Cost of issuance for local bonds or other indebtedness.
 - 2. Site acquisition, unusual utility extensions, unusual site preparation cost, access highways, repaving of existing parking lots or construction of athletic facilities.
 - a. Grant recipients are required to coordinate site selection for construction of new schools with the SBA prior to negotiations with seller or provider.

- b. If it is determined by the SBA that extensive utility costs, special footings or foundations or other site preparation costs will consume a disproportionate amount of the building construction cost, an alternate site must be used. However, the Authority may consider approval of the proposed site if the grant recipient elects to provide additional local funding to pay the cost of developing the proposed site. At the conclusion of the site selection process, the SBA will provide a site acceptance letter to the local board that will allow the site acquisition process to begin.
- 3. Construction or renovation of athletic facilities, computer equipment, instructional supplies and equipment.
- 4. Reimbursement of salaries for county employees. (County employees should not be utilized to work on SBA funded construction projects).
- 5. Legal fees associated with any court proceeding or property acquisition cost.
- 6. Costs associated with defense or award of an arbitration action.
- H. Contingency allowance for each new construction project shall be established as two percent (2%) of the construction budget.

3.5 Renovations

- A. For renovation work within an existing building, the computation is the product of the approved gross square footage of the project times (X) the percentage of the state building construction cost per square foot.
- B. The percentage is defined as the percentage of the cost of replacement of the facility. The percentage criteria is based upon the age of the existing building in which renovation work is scheduled. An older facility that has specific value to the community cannot be funded for more than the percentage indicated. Restoration or renovation beyond these funding levels must be addressed by local initiative.

40 years or more	60%
25 to 39 years	50%
16 to 24 years	40%
0 to 15 years	10%
- C. For a project with renovation work and an addition, the computation is the product of the approved square footage using the percentage of the building cost per square foot for renovation work added to the cost for the addition whose combined total must not exceed 65% of the cost of a new replacement building to qualify for SBA funding.
- D. Contingency allowance for each renovation project shall be established as four percent (4%) of the renovation budget.

SBA GUIDELINES AND PROCEDURES
RULE 4

4 PROJECT ADMINISTRATION AND REVIEW

- 4.1** Each educational agency receiving funding from the SBA shall appoint an administrator for the construction/funding program. This administrator shall be responsible for acting as the liaison to the SBA and for submitting the financial and project reports required by the SBA.
- 4.2** The educational agency shall be required to employ architectural/ engineering firms in compliance with WV Code 5G-1-3. The list of architect/engineers responding to the county's Request for Proposal shall be submitted to the SBA for review and evaluation prior to selection of the finalists by the educational agency. Services shall be rendered under standard AIA contracts approved by the SBA staff.
- 4.3** Unless a lump sum fee arrangement is used, design fees shall be calculated based on a percentage of the construction cost. Construction costs are calculated based on the lowest acceptable qualified bid for constructing the building. Design fees for alternative designs requested by the grant recipient that are not constructed shall be born by the grant recipient unless approved by the SBA prior to bidding. Construction cost does not include fees for the construction manager, clerk-of-the-works, construction analyst (paid for under additional services), legal fees, site acquisition cost and B&O taxes or other project costs not directly associated with the construction of the building. Architectural and engineering fees may also be applied to the cost of furniture and equipment only if the architect prepared the bid packages and/or has direct administration over the contract for the installation of the furniture and equipment. Without approval of the SBA, architectural and engineering fees shall not exceed the SBA fee schedule established for new or renovated school construction. Reimbursable expenses for agency review document printing and distribution may be paid from grant funds as a reimbursable cost for printing and distributing.
- 4.4** The educational agency shall be required to employ a clerk-of-the-works to monitor all construction projects in excess of \$100,000 unless waived by the SBA. Candidates for professional services or clerks-of-the-works shall be submitted for SBA review, evaluation and approval prior to final selection by the educational agency. (Appendix I)

A clerk-of-the-works employed by the county through contracted services shall minimally be paid an amount equal to the basic hourly prevailing wage rate of a Journeyman Carpenter as determined by the West Virginia Department of Labor for the project location.

4.5 Construction Management

The SBA will assign the project management strategy for all projects based on the scope of work and the county's ability to manage the project. Each project will be reviewed by the Authority following the approval of funding and requirements for

project design and construction administration will be identified by the Authority prior to executing the grant contract. If a construction manager is required, the grant recipient will be required to follow SBA Policy regarding the procurement of professional construction management services and West Virginia Code 5G-1-3. The construction management contract must be reviewed by the SBA staff and must be compatible with the design professional contract for the project.

4.6 Design-Build Project Delivery

Should a county board of education desire to use the design-build method of project delivery, the SBA and the requirements of the Design-Build Board of West Virginia must be followed. Appendix G provides the methodology to be used to procure a performance criteria developer, educational planner and the design-build team as well as the procedures that must be followed to request approval from the Design-Build Board and the SBA to use the design-build project delivery method. County boards considering using the design-build method of project delivery must review the process for selection of projects as described in the West Virginia Design-Build Procurement Act, Title 148CSR11 and must begin this process prior to submission of the project to the SBA for funding consideration. The project must also be submitted to the Design-Build Board for review and approval before soliciting the Invitation for Qualifications from qualified firms.

- 4.7** The SBA reserves the right to review any SBA funded project at intervals deemed necessary before, during or after construction begins. The architects, engineers and county administrators are responsible for including the SBA in the decision-making process during all phases of planning, design and construction beginning with the development of educational specifications. The SBA must be notified by the county of any meetings related to the planning of the project.

4.8 Geotechnical

For projects funded by the SBA, the educational agency shall be required to perform a geo-technical survey on any potential school construction site prior to the purchase of the site. The survey shall include a complete soil and substrata report to determine the suitability of the site for the construction. A copy of the report must be provided to the SBA office for review and approval of the cost impact on each site being considered prior to the purchase of the site. The report shall provide site preparation and building footings and foundation design information for the proposed site(s) specific to each site being considered for the project.

- 4.9** The SBA reserves the right to review all applications for payment or other invoices submitted against any SBA project. Completion of proper documentation by the educational agency and/or the company requesting payment shall be a prerequisite to any invoice being honored by the SBA.

- 4.10** The SBA reserves the right to review all county, clerk-of-the-works, project architect/engineer, and construction manager files related to an SBA funded project.

4.11 Occupancy of New Educational Facilities

- 4.110** Teachers and other employees shall be informed of the operation of the building, particularly fire escape routes, heating, ventilating and air conditioning systems and communications systems.

- 4.111** No educational facility shall be occupied without prior approval from the School Building Authority and the State Fire Marshal. (SBA 146)

4.112 Training of Custodians and County Maintenance Staff

At the conclusion of all construction projects, the contractor shall be responsible for providing pertinent product information including warranty and maintenance instruction to county officials, as well as provide training for county staff regarding the operation and maintenance of the building systems and materials. It is the responsibility of the county board of education to assure that staff is present during the training and has sufficient in-service instruction on all equipment in order to properly maintain the new or renovated facility. At the conclusion of the training, the local board shall provide assurances to the SBA that the training has been provided.

- 4.113** Within the first year of occupancy of any new SBA funded school facility the county is responsible for testing for the presence of radon in accordance with the guidelines and procedures of the West Virginia Bureau of Public Health in the facility. A follow-up radon test is mandatory every successive five years. Test results shall be filed at the school and with the West Virginia Bureau for Public Health.

SBA GUIDELINES AND PROCEDURES
RULE 5

5 SCHOOL BUILDING AUTHORITY CONTRACTS AND AGREEMENTS

5.1 Grant Agreement

- A. In order for SBA funds to be utilized for any project, a grant agreement between the educational agency and the SBA must be enacted. (Appendix H)
- B. New school designs in West Virginia shall comply with codes and standards as adopted by the State of West Virginia in accordance with 18-9E-3.
- C. Qualified contractors bidding on SBA projects will present acceptable liability insurance levels and a completed "Contractor's Qualification Statement" to the SBA for review prior to the award of the construction contracts. These documents are to be treated in highest confidentiality and are to be reviewed only by those involved with the selection of the contractor. A financial statement shall be required of the lowest qualified bidder(s) being considered for award of the contract. The "Contractor Qualification Statements" including subcontractors shall be submitted to the School Building Authority office by low bid contractors within 72 hours of the completion of the bid opening. (SBA 105)
- D. All bid documents prepared shall require that the lowest qualified bidder(s) submit a completed form SBA 123, List of Subcontractors and Major Equipment and Material Suppliers. This information must be submitted by the lowest qualified bidder(s) to the SBA office within two hours after the completion of the bid opening. Bid openings shall not occur after 2:00 p.m. local prevailing time. Failure to submit the list of subcontractors and major material suppliers within the two hour limit will result in the rejection of the bid.
- E. Work Based Learning Opportunities – To the extent practical, the constructing contractor on projects involving the new construction and renovations of Vocational, Technical and Adult Education facilities should work cooperatively with the county board of education or Administrative Council to establish work based learning experienced to introduce county vocational students to construction work practices as outlined in Appendix J.

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SBA GUIDELINES AND PROCEDURES
RULE 6

6 SCHOOL BUILDING AUTHORITY REPORTING PROCEDURES

6.1 Financial, Planning and Construction Reports

- A. SBA Exhibit A-1 – Project Description and Finance Plan – This form, included in the Grant Agreement, is used to identify the specific project location, the scope of the work to be done, an estimate of the cost of the work and the amount of the grant approved by the SBA. (Appendix G)
- B. SBA 113 – Construction Observation Report – This report is to be completed weekly by the clerk-of-the-works or the county administrator responsible for the SBA building program. It is designed to report the progress of construction and to report to the county board of education highlights or concerns regarding the construction's progress. These reports are to be attached to the project's daily logs for the corresponding week and be made available to the SBA's project representative during site visits.
- C. WVDE P-1 – Application for Project Approval (Rev. 2/28/92) – This report is to be submitted twice by the county, initially with the schematic documents when they are submitted to the SBE and the SBA for review. Preliminary review documents required with the P-1 form are: (1) educational specification and educational program; (2) schematic documents; (3) outline specifications, and (4) first estimate of probable construction costs. A final P-1 is to be submitted to both agencies at the completion of the project with a BP-13-A or when appropriate, SBA 139 completion report prior to requisition for final payment. When a project does not require a design review, it is the responsibility of the county facility administrator to initiate the P-1 form to both the SBE and the SBA.
- D. WVDE BP-13-A – Certificate of Project Completion (Rev. 10/94) A certificate of completion is submitted to the SBE and the SBA upon completion of a project in order to effectuate a close-out of the project. Final payment to the county for a specific project is dependent upon acceptance of the project and sign off of the BP-13-A by the SBA. The architect or project administrator shall arrange an inspection tour with the appropriate officials. Projects utilizing multiple prime contractors shall complete the SBA 139 form to designate completion of each contractor's responsibility and trigger final payment of SBA funds. No occupation of a new facility or renovated facility shall occur until a certificate of occupancy is provided by the fire marshal and final approval to occupy the facility is granted by the SBA.
- E. Evaluation of Performance – The county board of education is responsible for completing evaluations on each contractor and architectural/engineering firm that has performed work on a SBA funded project using the appropriate SBA evaluation form and submitted with the BP-13-A or SBA 139 project completion forms.
 - 1. Contractor Evaluation Report (SBA 124)
 - 2. Architect/Engineering Evaluation Report (SBA 125)

- F. The grant recipient shall provide the School Building Authority a copy of the final certified testing, adjusting, and balancing (TAB) report for new HVAC systems installed in schools. The report must be prepared by an independent agent, directly representing the building owner and qualified to perform testing, adjusting and balancing of HVAC systems in accordance with the requirement of WV Code 18-9(e)-3 and those requirements found in SBA Appendix I – Architectural and Construction Regulations. The report will include the findings of the TAB contractor's evaluation of the new HVAC system and final HVAC performance data. The TAB contractor will perform the duties as described in the project construction documents in cooperation with the design engineer and building contractors.

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SBA GUIDELINES AND PROCEDURES
RULE 7

7 SCHOOL ACCESS SAFETY ACT GUIDELINES AND PROCEDURES

7.1 School Access Safety Funds –

Funds appropriated by the legislature to the School Access Safety Fund shall be distributed by the School Building Authority on the basis of net enrollment. These funds are for improvements of school access safety and will be distributed in accordance with SBA policy and in accordance with all requirements in Attachment K of the SBA Policy and Procedures Handbook.

7.2 Awarding of Funds

School Access Safety Grants

- A. Each county board who has an approved School Access Safety Plan and meets all the eligibility requirements of the School Access Safety Act established in WV Code §18-9F, will qualify for School Access funds.
- B. The School Building Authority will initially review the list of projects within the plan for compliance with the School Access Safety Act and based upon the availability of funding will annually review projects from within the plan for funding consideration.
- C. School Access Safety Grant projects must be included in the county's School Access Safety Plan (Appendix K) and must be a part of an approved comprehensive educational facilities plan (CEFP) or must be amended into the CEFP to be eligible for funding.
- D. School Access Safety funding provided by the School Building Authority must be expended within one year. The School Building Authority may grant a six month extension of funding if it is determined by the Authority that extenuating circumstances prevented the county from expending the funds within the one year period. Once expired by the School Building Authority, remaining funds shall be added to the total funds available to all counties in the School Access Safety Fund and distributed in future funding cycles.
- E. A local contribution in an amount equal to or exceeding 15% of the funding available to the county is required in order to secure School Access Safety funds. If a county board feels that it cannot fulfill the 15% local match as required, the county board of education may submit a financial hardship waiver request to the Department of Education for review and consideration.

**STUDENT ENROLLMENT REQUIREMENTS
TO MEET
SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA GUIDELINES
FOR ECONOMIES OF SCALE**

The following table indicates the enrollment needed for a school to be eligible for SBA funding without the need for an economies of scale waiver. This size is based upon their grade structure. The recommended school sizes to effectively meet economies of scale are as follows:

Kindergarten & Pre-kindergarten	Two classes – 20 students per class
Elementary Schools	Grade levels 1-8 – two classes per grade level – 25 students per class
Middle/Junior	Grade levels 5-9 – 150 students per grade level
High Schools	Grade levels 10-12 – 200 students per grade level

<u>Grades</u>	<u>100% Enrollment Required</u>	<u>Grades</u>	<u>100% Enrollment Required</u>
ELEMENTARY			
K only	40	K-9	590
K-1	90	K-12	1,590
K-2	140	1-3	150
K-3	190	1-4	200
K-4	240	1-5	250
K-5	290	1-6	300
K-6	340	1-7	350
K-7	390	2-5	200
K-8	440	2-6	250
		3-5	150
MIDDLE/JUNIOR HIGH			
3-6	400	5-8	600
3-8	700	5-9	750
4-5	200	6-8	450
4-6	350	7-8	300
4-9	800	7-9	450
5-6	300		
HIGH SCHOOL			
7-12	1,050		
8-12	900		
9-12	800		
10-12	600		
11-12	400		

- (1) Funding consideration will be given to enrollments that meet 85% of these EOS Guidelines.
- (2) Often there are factors such as distance, geographic barriers or financial limitations that will affect the ability of the school system to meet the economies of scale in regard to the enrollment of a school. Therefore, the Authority could waive this requirement in extraordinary circumstances.
- (3) If a pre-kindergarten program is located at the school, these additional students shall be included in the student enrollment counts and the economies of scale calculation will be adjusted based on the number of Pre-K students and a maximum of 20 students per classroom.

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
PROVISION OF WAIVER
FOR EXPENDITURE OF GRANTS ON
SCHOOLS WITH ENROLLMENT UNDER THE ECONOMIES OF SCALE
GUIDELINES

A waiver to the expenditure of SBA Funds may be requested for projects in schools where the enrollment is less than the Economies of Scale Guidelines as designated by the Authority and the State Board of Education. Information concerning the facility and the proposed project must be provided on SBA Form 131 Economy of Scale Waiver Request by the county board of education and the project must be in agreement with the county's ten year Comprehensive Educational Facilities Plan. Additionally, the request must be in accordance with one or more of the following:

1. A waiver may be granted to address specific fire, safety or health violations or conditions when the health and/or safety of students who must continue to be housed in the facility are jeopardized.
2. A waiver may be granted for a school project when the facility will, in accordance with the ten year Comprehensive Educational Facilities Plan, be receiving additional enrollments from other attendance areas in the near future.
3. A waiver may be granted for a school project when the specific school is determined to be geographically isolated from other school populations and eliminates the potential for attaining enrollment economies.
4. A waiver may be granted when a school is the only facility in the county that provides service to students in the particular grade levels included in the school. For example – Is this the only middle school/high school or elementary school in the county?

A waiver for projects other than the correction of health and safety problems should not be granted to a school that is functional or scheduled for closure in the Comprehensive Educational Facilities Plan.

SCHOOL MAJOR IMPROVEMENT PLAN

The West Virginia Legislature amended 18-9D of the West Virginia Code in 1994 creating guidelines pertaining to quality educational facilities and creating a School Major Improvement Fund to be administered by the School Building Authority of West Virginia. The purpose of the major improvement program is to provide needs based grants to county boards of education, the State Board of Education for certain statewide educational facilities and/or administrative councils of area vocational centers for facility renovations, maintenance and construction projects with a cost greater than fifty thousand dollars but may not exceed ~~five hundred thousand~~ \$1,000,000 dollars or based on West Virginia code limitations. Projects selected for funding by the SBA must be included in an approved Major Improvement Plan (MIP) and must meet the following goals:

1. Student health and safety, including, but not limited to, critical health and safety needs; and
2. Economies of scale, including scheduled preventive maintenance: Provided that each county board's school maintenance plan shall address scheduled maintenance for all facilities within the county.

The Major Improvement Plan shall include a prioritized list of all the major improvement projects within the county. Such prioritized list shall be one of the criteria to be considered by the authority in determining how available funds shall be expended. In prioritizing the projects, the agency submitting a plan shall make determinations in accordance with objective criteria provided in their MIP. The MIP shall include a repair and replacement schedule for all school facilities and the manner and timeline for all activities within the plan.

All MIP facility needs must be identified in ~~Section E of an approved~~ the county's current Comprehensive Educational Facilities Plan. Expenditures for all facility improvements other than normal routine maintenance shall be documented and included in the annual update provided to the SBA. Routine maintenance remains the responsibility of local educational agencies and these costs will be reported through the annual financial reporting process provided to the State Department of Education.

MAJOR IMPROVEMENT PLAN (MIP)

General

Each county board of education, State Board of Education, when applicable, or administrative council of an area vocational center shall develop a ten year school Major Improvement Plan (MIP) as a section of their CEFP before seeking funds from the School Building Authority (SBA) for major improvement projects. An approved school Major Improvement Plan (MIP) is required prior to the distribution of state funds for a project pursuant to the requirements of West Virginia Code Chapter 18-9D-15. Initially, the MIP shall be submitted to the school Building Authority for approval by April 1, 1995 to qualify for MIP funding available in 1995 and shall be amended annually to summarize activities and to identify progress being made on school improvements. The MIP shall be part and parcel of the county Comprehensive Educational Facilities Plan (Section E of the CEFP) and together address the renovation, repair and safety upgrading of existing facilities, and equipment, building systems, utilities, and other similar items in connection with renovations, repair and upgrading of facilities. Major Improvement Projects may not include such items as books, computers, equipment used for instructional purposes, fuel, supplies, routine utility service fees, routine maintenance costs, ordinary course of business improvements and other items which are customarily deemed to result in current or ordinary course of business operating expenses.

Major Improvement funding shall be provided by the Authority on the basis of need and efficient use of state funds for construction and renovation projects. In so doing, both short and long term effects of building repairs and maintenance will be considered. All projects submitted to the Authority for funding consideration must be compatible with the county CEFP goals and objectives as well as the overall goals of the Authority.

Funding will not be distributed to any county board that does not have an approved school Major Improvement Plan and is not prepared to commence expenditures of such funds during the fiscal year in which the moneys are distributed: grant funds allocated to a county board and not distributed to that county board shall be available to the county board for a period of two years. Any funds which are unexpended after a two-year period shall be redistributed by the SBA on the basis of need from the school major improvement fund in that fiscal year.

I. KEY ELEMENTS OF THE PLAN

The following key elements of the major improvement plan must be included:

- A. Goals and Objectives of the Major Improvement Plan
- B. Historical Data Regarding Previous Building Improvement Activities
- C. Maintenance Plan
- D. Financing Plan
- E. Objective Evaluation of the Effectiveness of the Plan
- F. Summary of Project Submitted for Competitive Funding
- G. Annual Update
- H. Public Input Assurances

A. Goals and Objectives of the Major Improvement Plan

Each county board of education or other administrative unit qualifying for major improvement funds shall formulate goals and objectives to be accomplished by the MIP. The goals and objectives shall reflect an objective means to resolve deficiencies in educational facilities identified within the plan. The following aspects must be addressed within the plan:

1. Improving Health and Safety
 - a. Improving facilities to meet all applicable codes and federal and State Mandates (examples – EPA, Asbestos, ADA, Fire Marshal, Board of Risk, Health Department – Radon, Lead, Underground Tanks, and other applicable codes)
 - b. Improving Indoor Air Quality (i.e., ASHRAE)
 1. Temperature
 2. Humidity
 3. Filtration
 4. Ventilation
 5. VOC (Volatile Organic Compounds)
2. Improving the Facilities Ability to Deliver the Instruction Program
3. Increasing the Life Expectancy of Building Components by:
 - a. Establishing or improving a Routine Maintenance Schedule
 - b. Establishing or improving a Preventive Maintenance Schedule
4. Assuring the Prudent and Resourceful Expenditure of Local and State Funds by:
 - a. Establishing Short and Long Range Cost Effective Maintenance Planning
 - b. Effectively and Efficiently Managing Energy Sources
 - c. Performing Life Cycle Cost Analysis When Purchasing Building Components
 - d. Establishing Cost Effective Purchasing Practices
 - e. Establishing Staff Training Programs for Effective and Current Maintenance and Custodial Methods

B. Historical Data Regarding Previous Building Improvement Activities

1. A survey of the previous five year building improvement activities must be performed to provide a historical baseline of expenditures and improvements. Previous maintenance budgets and records of building improvements can be used to identify where funding has been concentrated, where the greatest needs may exist and the scope of future countywide improvements.
2. A five year history of maintenance expenditures must be performed to qualify for funding. County boards of education must have budgeted in the current fiscal year, an amount equal to the average of the lowest three years expenditures out of the past five years. This information must be included with the annual CEFP update.
3. County maintenance expenditures should be comparable to the average regional and national square footage costs and reflects sufficient funding to adequately support the number of facilities being maintained. When insufficient funding is discovered, a plan of action should be implemented to address the shortfall. Areas of consideration should be:
 - a. An increase in local building improvement funding
 - b. More efficient use of funds
 - c. Increased performance of the in-house staff (i.e., staff development)
 - d. Additional staff or assistance through contracted maintenance
 - e. A reduction in the number of buildings to be maintained
 - f. Life cycle cost analysis is recommended to help identify the most cost effective means to improve maintenance activities

C. The Maintenance Plan

Included as a component of the Major Improvement Plan shall be a facility maintenance plan. The Maintenance Plan shall further the goals and objectives of the overall Major Improvement Plan and address specific needs of each facility by identifying building maintenance and improvement strategies that will improve the health and safety of the facility and extend the building's useful life. Major components of the Maintenance Plan are:

- Facility Evaluations
- Building Components
- Priorities List of Deficiencies
- Preventive and Routine Maintenance Plan
- Methods for Performing Maintenance
- Maintenance Plan Cost Summary
- Timeline for Implementing the Plan

1. Facility Evaluation (SBA Form 134)

Determining the present condition of building components as well as the overall condition of each facility is a vital part of school improvement. Anevaluation of the building envelope and major components must occur and a detailed assessment performed in order to determine prioritized needs. Local and state funding should be directed toward improving those areas of the facility that address the goals and objectives of the CEFPP, Major Improvement Plan and those of the Authority.

2. Building Component Inventory (SBA Form 135)

The success of the MIP will be contingent upon accurate information compiled on building components and an effective plan to maintain these components in a well-organized cost effective manner. An inventory of types and quantities of equipment and materials including descriptive data must be recorded and placed in a maintenance inventory plan for reference. The identified building component within the inventory can then be maintained based on a prioritized schedule for optimum use.

3. A List of Priorities Deficiencies (SBA Form 136)

The maintenance plan shall include a list of site specific building deficiencies prioritized by need as reflected in the goals and objectives of the major improvement plan. Such priority list shall be one of the criteria to be considered by the Authority in determining how available funds shall be expended. Prioritized maintenance projects may qualify for MIP funding.

4. Preventive and Routine Maintenance Plans

The ultimate goal of any maintenance program is to maintain building components in a manner that reduces emergency repairs and extends their useful life. The maintenance plan should begin with a program to perform maintenance on building components that may fail if not properly maintained and in so doing may adversely affect the health and safety of the building occupants and the operational budget of the county. The preventative and routine maintenance program that is to be established must include long and short range objectives, identify the specific programs for each building and a detailed list of scheduled maintenance to be performed. The maintenance plan shall be developed in cooperation with the State Department of Education Office of School Facilities.

5. Methods for Performing Maintenance

Various approaches will be taken to performing building maintenance. In-house and contracted maintenance staff or a combination of the two are currently being used. The program should identify the most cost effective manner of performing

the vital maintenance program. Special emphasis must be given to staff development for in-house maintenance staff and the development of experience and qualification requirements for contracted maintenance services. A copy of the staff development program and staff experience for persons performing maintenance duties shall be made available for SBA review upon request.

6. Maintenance Plan Budget Cost Summary

The annual and long range cost of implementing the maintenance plan as well as the anticipated expenditures should the program not be implemented must be included in the plan. Identified cost should include but may not be limited to the following:

- a. Maintenance Plan Program Development
- b. Staff Development
- c. Preventive Maintenance Initiative
- d. Routine Maintenance
- e. Equipment Replacement Cost
- f. Materials and Equipment Associated with the Program
- g. Show on separate form Avoided Expenditures (should the program be implemented)

7. Timeline for Implementing the Plan

The full implementation of the maintenance plan will occur over the ten year period covered by the initial plan. However, milestone dates must be established that coincide with the prioritized list of maintenance to be performed. Specific objectives must be indicated in the plan and progress toward the completion of projects reported in the annual update submitted to the SBA. Also, included in the timeline for the replacement of facilities should be directly related to the costs required for its maintenance and its ability to facilitate the delivery of the desired educational program.

D. Major Improvement Finance Plan

Financing for the Major Improvement Plan may come from a number of sources, the major contributor being local funds. The intent of the School Building Authority's Major Improvement Program is to provide state funds on an annual basis to assist the counties in doing major improvements for projects exceeding \$50,000 and less than \$1,000,000. These funds shall not supplant local funding for school improvements and will be distributed on a school construction fund "needs" basis. However, county boards of education must comply with the provisions of 18-9D as well as the SBA guidelines described herein to qualify for funding. Projects that do not comply with the funding criteria established by the SBA must be addressed using other funding sources. Consideration should be given to the local maintenance budget, local bond proceeds or federal and state grants (Energy, Asbestos, ADA, and Special Education Grants, etc.). Consideration should also be given to approved lease purchase programs, performance

based contracting or reinvestment of saving derived from capital improvement projects funded from local or state dollars.

The Major Improvement Plan must identify the funding source for each project identified in the ten year plan regardless of the immediate availability of the proposed funding. Additionally, the following criteria should be considered when preparing the financial strategy to implement the plan:

1. Major Improvement Funds shall be used in conjunction with local funds to effectively and efficiently meet the needs of educational facilities. Major Improvement Plan funds will not be used to supplant local maintenance funds.
2. Major Improvement Plan funding should not be used for projects in schools/facilities targeted to close within the Comprehensive Educational Facilities Plan.
3. Student occupied facilities shall be given first priority for improvements.
4. Funding for schools that do not meet Economies of Scale will be based on:
 - a. A waiver being granted for a school project when the specific school is determined to be geographically isolated from other school populations and eliminates the potential for attaining enrollment economies.
 - b. A waiver being granted when a school is the only facility in the county that provides service to students in the particular grade levels included in the school. For example – Is this the only middle/high school or elementary school in the county?
5. Projects within the Maintenance Plan that are eligible for Major Improvement Plan funding will be awarded on their ability to further the overall goals of the Agency's CEFPP, Major Improvement Plan and the overall goals of the SBA.
6. Funding will not be distributed to any agency that does not have an approved school major improvement plan or to any agency that is not prepared to commence expenditures of such funds during the fiscal year in which the monies are distributed. Funding shall be deposited in an SBA account to the credit of that agency, such funds will remain to the credit of and available to the agency for a period of two years. Any monies which are unexpended after a two-year period shall be redistributed by the SBA on the basis of need from the school major improvement fund in that fiscal year.
7. Agencies may use monies provided by the authority in conjunction with local funds derived from bonding, special levy or other sources. Distribution to a county board or to the state board or the administrative council of an area vocational educational center will be in accordance with a payment method approved by the authority.

E. Objective Evaluation of the Effectiveness of the Plan

Evaluating the success or failure of building improvement strategies must be quantified and adjustments made when the effects of a particular project or series of projects is known. Each project submitted to the SBA for funding consideration must be accompanied by a specific objective to be accomplished and thereby creating a means to evaluate how the project succeeded or failed to further the goals and objectives of the project and the overall plan. The evaluation shall be submitted upon request to the SBA at intervals appropriate to measure the short and long range effects of a project or improvement plan.

F. Project Submission Requirements (SBA Form 444 165 – Executive Summary)

Supportive data for projects submitted for funding consideration by the SBA shall meet the requirements of the Major Improvement Plan indicated herein. Sufficient data must be included to address how the current facilities do not meet and how the proposed project does meet the following goals:

1. Student health and safety;
2. Curriculum improvement and diversification, including computerization and technology and advanced senior courses in science, mathematics, language arts and social studies;
3. Adequate space for projected student enrollments;
4. Economies of scale, including compatibility with similar schools that have achieved the most economical organization, facility utilization and pupil-teacher ratios;
5. Reasonable travel time and practical means of addressing other demographic considerations (see State Board Policy regarding travel time limitations);
6. Multi-county and regional planning to achieve the most effective and efficient instructional delivery system – If a project is to benefit more than one county in the region, the submission data shall state the manner in which the cost and funding of the project shall be apportioned among the counties;
7. Innovations in education;
8. To what extent does the project demonstrate an effective and efficient use of funding;
9. To what extent does the project impact the agency's preventive maintenance plan; and

10. To what extent does the project further the overall goals and objectives of the SBA and the MIP.

G. Annual Update (SBA Form 145 A & B)

The Major Improvement Plan shall be updated annually to reflect projects completed and new or continued needs remaining to be addressed. Also, building improvement activities in the previous year shall be documented and a detailed summary of the accomplishments provided to SBA for review. This information shall be provided to the SBA with the CEFPP Annual Update on or before December 1, 1996, and continue each subsequent year. The SBA may require that a county, the state board or the administration council of an area vocational center modify, update, supplement or otherwise submit changes or additions to an approved Major Improvement Plan pursuant to the requirements of 18-9D-16(J).

H. Public Input Assurances

Pursuant to Section 18-9D-16c of the West Virginia Code, the Major Improvement Plan shall include assurances of broad based public input in the planning process. The submission of each plan shall be accompanied by a synopsis of all comments received and a formal comment by the county board, the State Board or the administrative council of an area vocational educational center submitting the plan. A committee made up of the administrative staff having expertise in school construction and maintenance, and other staff members as determined by the superintendent as well as lay persons from the community shall cooperatively develop the plan. Once developed, the proposed plan shall then be made available for public comment for a period of 30 days prior to public hearing and submission to agency's board for approval. The approved plan shall then be submitted to the SBA for final review and approval.

I. Amending the Plan

The Major Improvement Plan may require amendments in response to changing facility conditions. SBA Form 106 must be used to amend the scope of a project. Budget Amendments relating to the plan or a specific project within the plan must also be requested using SBA Form 106. Refer to Section 1.6 of the SBA Policy and Procedures Handbook for additional amendment requirements.

J. Project Selection Process

MIP Grant requests shall be submitted as a part of the annual CEFPP and MIP update in accordance with 2.4 F of the SBA Policy and Procedure Handbook. MIP Projects will be reviewed and evaluated by the SBA staff using the Project Evaluation Instrument (SBA Form 134). Meritorious projects will be selected on the basis of their compliance with the following review criteria:

1. Health and safety
2. Curriculum and improvements
3. Adequate space for project enrollment
4. Economies of scale
5. Travel time and demographics
6. Multi-county and regional cooperation
7. Educational innovations
8. Effective and efficient use of funds
9. Preventive maintenance
10. Furtherance of local and SBA goals and objectives

Projects shall be submitted annually for SBA consideration ~~on or before January~~
15. The authority will provide submission dates annually to eligible agencies requesting SBA consideration for MIP funding. Projects not received by the deadline established will not be considered. Each project submitted will be evaluated by the SBA staff and on-site visits will be performed as necessary to familiarize the staff with all aspects of the project and to verify the submitted data. Interviews will be held with the superintendents or project representatives for statewide or area vocational projects when additional information regarding the specifics of the proposal is needed. After the staff review process is complete, the project data will be provided to the School Building Authority for final consideration. The staff review will include a recommended priorities list of statewide projects for SBA consideration. The Authority will determine the number of projects to be considered in each funding cycle and award meritorious projects to the extent funds are available.

CEFP AMENDMENT
ANNUAL UPDATE

COMPREHENSIVE EDUCATIONAL FACILITIES PLAN

COUNTY UPDATE – Data to be completed and submitted to SBA and SDE by December 1, of each year.

1. County-wide Facilities Classification Report (SBA/WVDE 116)
2. High School Attendance Areas Facilities Chart – for each high school in the county (SBA #132)
3. Feeder School Summary Report – narrative (SBA 132)
4. MIP Annual Update – (1) List of completed or on-going projects (SBA 145a) and (2) Prioritized list of proposed projects (SBA 145b)
5. School Access Safety Repair and Renovation Schedule (SBA 160)
6. Updated CEFPA Executive Summary (SBA 162)
7. Provide annual report of utility costs for all new SBA funded schools or SBA funded total HVAC system replacements to the SBA and SDE (SBA 179)

The annual update is to be compiled and submitted to the State Department of Education (1 copy) and the School Building Authority (1 copy) in with each section tabbed, and three-hole punched (3) ring binder(s). Tabs should reference the above listed categories. This information may also be transmitted electronically to the SBA office.

**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
EMERGENCY FUND**

I. Eligibility Criteria

- A. The emergency situation must have been generated by an Act of God, i.e., fire, wind, flood, storm, earthquake, etc.
- B. Federal, state and local funds for emergency repair/replacement must have been identified and exhausted.
- C. All insurance claims must have been filed and amount of settlements determined. Insurance should be at the cost of replacement level.

II. Application Process

A. Immediate Notification

- 1. If it is anticipated that SBA funds will be requested, immediate notification and involvement of the SBA staff is required.
- 2. Within 10 days of the emergency, the county must submit to the SBA a detailed report to describe:
 - a. the extent of the damages,
 - b. the effect of the damages on the educational program, and
 - c. the temporary measures taken to provide services to students.

B. Formal Application Process

- 1. The county must submit to the SBA documentation to verify the eligibility of the project based on the eligibility criteria above.
- 2. A facility plan designed to repair or replace the damaged properties must be submitted to the SBA. The facility plan must include data regarding:
 - a. enrollments, present and 8th year projection,
 - b. economies to be implemented by the project,
 - c. effect of the project on the educational plan, and
 - d. detailed description of work to be completed.

3. A Finance Plan for the project must be submitted to the SBA. The plan is to include:
 - a. Amount and description of local funds committed to the project,
 - b. Amount and description of federal funds available for the project,
 - c. Amount of any insurance settlement from the damages,
 - d. Amount of funds available from all other sources, and
 - e. Amount requested from the SBA. Support data must be provided to verify estimates of costs.
4. All data must be submitted at least one month prior to the quarterly SBA meeting at which the request will be made. This will provide time for staff review and visitation.
5. Any grant from the SBA Emergency Fund is subject to the approval of the Authority and shall not exceed two million dollars (\$2,000,000). The county superintendent must appear before the SBA with a formal proposal presentation regarding the request for funds. Presentation is to be limited to ten minutes.
6. Emergency Fund Grants are subject to the usual guidelines and regulations of the SBA regarding the expenditure of funds, including the economies of scale. Any project proposed for funding from the SBA Emergency Fund must be included in the county and regional CEF.

PLANNING GRANTS

The SBA may make available funds to assist each county in contracting for the services of a professional planner to develop the ten year CEFP that is to be completed and approved based on the schedule provided by the SBA. These funds shall not exceed 50% of the actual planning contract amount. The SBA will determine the amount of available funding to be provided prior to each ten year planning cycle. The CEFP shall be developed in accordance with State Board Policy 6200 and the attached SBA procedural flow chart.

In order to receive these funds, the county must utilize the following procedures:

1. Appropriate application shall be made to the SBA for the funds in advance of advertising for consulting firms to assist with the development of the CEFP.
2. The county will utilize an SBA approved Request for Proposal (RFP) for selection of Professional Services and select a team in accordance with the procedures defined in WV Code 5G-1-3. The team shall consist of qualified educational planners (REFP) as well as a qualified architect-licensed in the State of West Virginia. To encourage consistency in demographics and enrollment projections throughout each plan, the SBA may provide a demographer to perform demographics and school enrollment projections.

The RFP shall define the scope of work to be performed in the development of the CEFP. The SBA will monitor the progress of the plan development at various stages and upon request the county will adjust the process to comply with SBA requirements.

3. A list of all firms responding to the RFP will be submitted to the SBA for review and approval of each firm's qualifications.
4. Upon completion of the selection process and successful negotiations with the highest qualified professional firm, a copy of the contractual agreement shall be provided to and approved by the SBA. Any changes in the scope of work or change order to the contracted amount must be approved by the SBA to attain state reimbursement for the expenditure.
5. Upon completion of CEFP Progress Reports #1 (SBA Form 163) and #2 (SBA Form 164) and the submission of a draft copy of the completed data with Progress Report #2, the county may submit a request for payment to the SBA for review and consideration. If all expenses are deemed appropriate, a payment shall be made to the county equivalent to 50% of the total planning grant contracted fee or an amount not to exceed 50% of the SBA Planning Grant amount. The SBA will remit the balance of the planning grant upon completion of the CEFP and its approval by the SBE and the SBA.

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA

PROCEDURES FOR REVIEW OF CONSTRUCTION FUND PROJECTS (Needs Funding)

The SBA staff will utilize the following approach to review the projects submitted by each county for competitive school construction funding.

Each county in West Virginia who has an approved CEFPP is eligible for capital improvement funds from the SBA based on the needs of the facilities in their district.

Each county is responsible for determining in their facilities plan the specific project(s) for which SBA school construction funds will be requested. This individual project will be fully developed in regard to the issues indicated in Section 1.1 of the SBA Policy and Procedures Handbook and have a SBA School Construction Fund Project Summary Report completed.

Proposals for school construction fund projects must be part of an approved CEFPP, and submitted at the request of the Authority based upon the availability of funds for distribution. Provide two (2) hard bound copies and one (1) electronic PDF file.

The Authority will review and evaluate the projects based upon criteria set forth in 1.1 of the SBA Policy and Procedures Handbook. A prioritized list of projects to be funded equal to the amount of the funds available during the specific funding cycle will be developed by the Authority.

~~The SBA will appoint a project review team that will assist the SBA staff in an advisory role during the review of each project submitted by the counties.~~ The Authority reserves the right to request review of any or all projects submitted to them that they feel has special merit or extenuating circumstances.

1. Review of the competitive school construction fund projects
 - a. The SBA staff will evaluate the school construction fund projects in accordance with WV Code 18-9D-16 as well as the mission and goals of the Authority as in 18-9D-15.
 - b. This review will utilize the following criteria to evaluate and make recommendations concerning merit for school construction funding.
 - (1) Health and safety
 - (2) Curriculum and Instruction
 - (3) Adequate Space for Projected Enrollment
 - (4) Economies of Scale
 - (5) Travel Time and Demographics
 - (6) Multi-county/Regional Aspects
 - (7) Educational Innovations

- (8) History of local funding efforts
(to the extent constitutionally permissible)
2. Verification of Evaluations of Existing Facilities – School Construction Fund Projects
 - a. An on-site evaluation report will be prepared by the SBA staff for all school construction fund projects throughout the state as identified by the Authority. This report will:
 - (1) Verify the scope of the project
 - (2) Assess cost estimates of proposed facilities
 - (3) Evaluate the feasibility of the project
 - (4) Consider the option of new vs. renovation
 - (5) Address transportation and demographic issues
3. The on-site evaluation report will be provided to the Authority for consideration in their deliberation and final selection of projects to be funded from the construction funds account.
4. Administrative Interview

Before the Authority determines the statewide prioritized list, members will identify projects where specific questions or clarifications are needed in order to consider the project for funding. Superintendents and county board presidents will be asked to appear before the Authority to make presentations regarding their individual projects and to answer questions of the Authority members.

Upon a majority affirmative vote of the members present, the interviews may be held in Executive Session in accordance with WV Code 6-9A-4 (9) which provides that such session may be held for: “matters involving or affecting the purchase, sale or lease of property, advance construction planning, the investment of public funds or other matters involving competition which, if made public, might adversely affect the financial or other interest of the state or any political subdivision.”

- a. Purpose of the Interviews
 - (1) To provide an opportunity for the local board of education to express the importance of the project to the school system and its impact on the students who will attend the school;
 - (2) To clarify any issue or question regarding the project;
 - (3) To familiarize the SBA Members with individual projects and provide opportunity for questions prior to deliberations.
- b. Interview Format
 - (1) A short presentation by the county administration emphasizing both cost savings to be gained as well as educational opportunities

to be achieved should the project be funded. A strict limitation of 5 minutes for oral presentations by each county will be enforced by the Authority.

- (2) Questions will be asked by the SBA Members concerning the project. A 10 minute limitation will be used for this phase of the interview component.

c. Content of the Superintendent's Comments

- (1) The presentation should address the specific costs and savings as can best be estimated from the data available to the administration. This should include such items as transportation, personnel, O & M and administrative costs.
 - (2) Projected timelines should be provided on the completion of design, bidding and construction components. Status of the project including architectural designs, site selection, and/or other work that has been completed prior to the interview date should be emphasized.
 - (3) Any handouts and/or photos that will help clearly address the need of this project, its impact on the quality of education, and the efficiency of administering the county school system may be utilized during the interview process.
 - (4) Be prepared to work with the SBA to develop a project budget for the construction of the proposed facility during this session.
5. After these steps are completed, the Authority will have gathered and compiled sufficient data to make judgmental decisions as to which projects will be funded through school construction fund grants.
 6. Prior to final action on approving projects for funding, the Authority shall submit a certified list of the projects to the Joint Committee of Government and Finance.

Process for Development of a Design-Build Project

SBA grant recipients may use the Design-Build project delivery method. Grant recipients desiring to use the Design-Build method of project delivery must first familiarize themselves with the Design-Build Procurement Act, Article 22A, and Section 5-22A-1 through 16 of the West Virginia Code, Legislative Rules Title 148-CSR-11, and the submission requirements of the Design-Build Board of West Virginia and the School Building Authority (SBA) Process for Development of a Design-Build project. This process will involve significant pre-project submission planning and coordination with the SBA office and should begin six-eight months prior to the annual “Needs” project submission deadline established by the SBA. The following represents the general process for developing a Design-Build project, procurement of design and construction professionals to assist with the project and the submission requirements of the Design-Build Board of West Virginia.

1. Before projects are brought to the SBA for preliminary review, the county board must first determine if the project is appropriate as a Design-Build project. The Design-Build Board and SBA have established the following as the basis for determining if Design-Build is the appropriate project delivery method for projects.
 - ~~a.~~ The county must have the appropriate legal authority to enter into a Design Build contract (the Design-Build Procurement Act ~~does permit~~ allows local boards of education to enter into Design-Build contracts); Additionally the State of West Virginia Design Building Board and the SBA must approve the project as a Design-Build project. The following criteria will be considered:
 - ~~ba.~~ The county requires a project design and construction time-line that is faster than the traditional Design-Bid-Build process would allow;
 - ~~eb.~~ The project requires close coordination of design and construction expertise or an extreme amount of coordination;
 - ~~dc.~~ The county requires early cost commitments;
 - ~~ed.~~ The county provides a written plan for funding the project including, but not limited to, the funding necessary to pay for design services and construction costs; and,
 - ~~fe.~~ The county has performed sufficient site studies and has selected an appropriate site for the construction of the school.
2. County Superintendent consults with the SBA staff regarding their intent to submit a project for funding consideration using the Design-Build project delivery method.
3. SBA staff and county review the Design-Build criteria and discuss project with the coordinator of the Design-Build Board to determine if the project qualifies as a Design-Build project and to solicit interim approval. Final approval will be provided by the Design-Build Board based on the project submission information provided by the county board during the formal submission phase of the project.

4. Assuming the project meets the Design-Build criteria, the local board submits the project for SBA funding consideration requesting the project use of the Design-Build project delivery method.
5. SBA approves projects and designates those projects where the Design-Build process may be considered. At this time, the SBA Board will provide a contractual commitment for the SBA portion of the finance plan to the completion of the project. The SBA may consider providing a reserve grant in order to proceed with conceptual planning, project criteria development and Design-Build Board approval process. The finance plan would then be completed as funding is required.
6. The county submits an application for project approval to the Design-Build Board, including a finance plan and timeline. The application for project consideration must be completed and all supporting documentation attached in accordance with West Virginia Code 5-22A-2 and Legislature Rules, 148-CSR-11.
7. Design-Build Board reviews and approves project and notifies county to proceed with the project based on the requirements of the Design-Build Board and West Virginia Code.
8. SBA/county develops procedure(s) to hire a performance criteria developer. The county board will solicit proposals from qualified performance criteria developers based on the requirements of West Virginia Code and Legislative Rule 148-CSR-11.
9. County solicits proposals from, and evaluates qualifications of, qualified performance criteria developers (licensed architects or engineers). The performance criteria developer will provide technical assistance to the local board and prepare the performance criteria document.
10. The county solicits proposals from, evaluates qualifications of, and contracts with an educational facilities planner who will prepare educational specifications for the specific project. Based on SBA requirements and the SBE Policy 6200, Handbook on Planning School Facilities, the county will coordinate the hiring of the educational facilities planner with the SBA office and obtain approval of the SBA before contracting with the educational facilities planner. The educational facilities planner must be qualified to assist the county in the preparation of the plan. The educational facilities planner will work cooperatively with the performance criteria developer to combine the educational specifications and the building component criteria into the performance criteria specification used to obtain Design-Build proposals. The educational specifications and the performance criteria must be submitted to the SBA for approval.
11. In cooperation with the SBA, the county hires the performance criteria developer and the educational planner to assist the county in the development of the project.
12. The county and the performance criteria developer prepare an advertisement and Invitation for Qualification (IFQ) along with the evaluation criteria for Design-Build

teams. The IFQ and evaluation criteria must be compatible to assure a fair evaluation of each design builder's qualification.

13. The performance criteria developer and educational planner complete the educational specification, performance criteria and concept drawing building footprint. Pertinent SBA Supplemental General Conditions must be included in the performance criteria along with the selection evaluation criteria for selecting the Design-Build team. This information is incorporated into the IFQ and the Request for Proposal and provided to Design-Build teams.
14. The county board establishes a selection committee in accordance with Legislative Rule 148-11-4 to review and evaluate the Design-Build teams' qualifications and proceeds with a formal advertisement of the IFQ for Design-Build teams. Design-Build teams submit qualifications using Design-Build Board and SBA approved submission requirements. The IFQ will be issued to all qualified design builders.
15. The Selection Committee reviews the qualifications and interviews the Design-Build teams. Based on the submitted information and interview scores and the evaluation of each team, a short list of not fewer than three nor greater than five Design-Build teams will then be requested to respond to an Invitation for Proposal (IFP). If fewer than three proposals are received, the county will contact the Design-Build Board to determine whether the county may proceed with the Design-Build process.
16. The short listed Design-Build teams are sent IFP including educational specifications and the project performance criteria and are allowed sufficient time to provide a qualitative proposal and a separate guaranteed maximum cost proposal for the project based on the project criteria provided to each team.
17. The county board receives the technical and cost proposals from each Design-Build team and segments all cost proposals. A "technical review" committee evaluates and scores the proposals submitted for the project. The committee will have, at a minimum, a technical representative of the county, the performance criteria developer as a non-voting member, a representative of the school, the Secretary of Administration and a member of the SBA staff. The performance criteria developer will provide technical assistance to the local board with regard to the development of the process for evaluating the qualitative proposal and the cost proposals submitted by the perspective Design-Builders.
18. The scores of each proposal are made public and a cost proposal opening date is established. The cost proposals are publicly opened, evaluated and scored. The scores of the cost proposals shall also be made public. See Leg. Rules 148-11-10 through 12.
19. The technical review committee selects a Design-Build team in accordance with West Virginia Code 5-22A-6, Legislative Rule 148-CSR-11 and the SBA requirements for the selection of a Design-Build team.

20. The Design-Build Board will determine if the technical submissions comply with the requirements of the Design-Build Procurement Act prior to the execution of a contract and, if so, will notify the SBA/county of their approval.
21. The county board and the SBA staff will approve the budget, finance plan and contractual agreement based on the proposals from the Design-Build team prior to execution of a contract for services.
22. The final schematic design will be prepared by the Design-Build team that incorporates the program of spaces and building performance criteria. The final schematic shall be approved by the county board of education and the SBA prior to proceeding to the final design and/or construction.
23. Contractual agreements are executed using the standard AIA form of agreement between the county board and Design-Build team. If an optional contract is used, SBA approval must be provided prior to its execution.
24. At intervals determined by the SBA, the Design-Builder submits project development documents for review and approval to the owner and SBA for performance criteria development, review and approval.
25. The county board hires an SBA approved clerk-of-the-works in accordance with SBA policy to represent the county and SBA during the construction of the project.
26. The county clerk-of-the-works, the SBA and the Design-Build team will cooperate throughout the construction phase in order to construct the project in accordance with county and SBA requirements.
27. SBA contractual obligations must be met and the SBA project close-out requirements must be incorporated into the performance criteria document. The Design-Builder shall comply with SBA requirements incorporated into the performance criteria.

Designbuildprocedures
Revised 6/11

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA

GRANT CONTRACT UP TO

THE AMOUNT OF \$_____

WITH THE BOARD OF EDUCATION OF THE COUNTY OF _____

This Grant Contract (the "Contract") is entered into by and between the School Building Authority of West Virginia (the "Authority") and The Board of Education of the County of _____ (the "County Board") this _____ day of _____, 20____.

RECITALS

A. The Authority was established pursuant to the Constitution and laws of the State of West Virginia, including, particularly, Chapter 18, Article 9D of the Code of West Virginia, 1931, as amended (the "Code") (the "Act") to provide available funds (as described in Section 18-9D-6 of the Act) to finance the costs of acquisition, construction, renovation, repair and safety upgrading of facilities for public school purposes in the State of West Virginia (the "State").

B. In accordance with the Act and the Program Guidelines of the Authority, and at the request of the County Board, the Authority has determined to grant funds to the County Board for the purpose of financing the costs of the projects described in Exhibit A-1 attached hereto.

C. This Contract provides the terms and conditions upon which the Authority agrees to make and the County Board agrees to accept such grant.

Section 1. Subject to the terms and conditions described herein, the Authority hereby grants to the County Board, funds up to \$_____ (the "Grant"). The expiration date of this funding grant shall be _____, 20____.

Section 2. The Authority shall be granted the privilege to act as co-owner of properties during construction or renovation of the facility without the liability of ownership.

Section 3. Upon receipt of evidence satisfactory to the Authority that the County Board is prepared to commence expenditures of the proceeds of the Grant during the then current fiscal year, the proceeds of the Grant shall be transferred from the Authority's School Construction Fund held by the West Virginia State Treasurer to United National Bank (the "Depository") and deposited in a fund to be known as the "School Building Authority of West Virginia Project Fund" (the "Project Fund"). The proceeds of the

Grant shall be held in a separate subaccount of the Project Fund in the name of the County Board (the "County Account"). The County Board hereby authorizes the Depository to invest amounts on deposit in the County Account in investment securities at the direction of the Authority. All interest earned on such will inure to the benefit of the Authority and will not be available for withdrawal by the County Board.

Section 4. Amounts in the County Account (not including investment earnings therein), may be withdrawn by the County Board at any time upon submitting a Requisition in the form attached hereto as Exhibit B to the Depository, with a copy submitted at the same time to the Authority. The Authority shall have the right to request additional information and/or documentation from the County Board with respect to any such Requisition. Disbursement shall not be made until the Authority approves such Requisition.

Section 5. The County Board hereby covenants and agrees to use the proceeds of the Grant only for approved expenditures with respect to the specific projects described on Exhibit A-1 unless it receives the prior written consent of the Authority. The County Board agrees not to submit a requisition for expenditures which will not be incurred with respect to the project. The County Board agrees to cause said project to be constructed within the total sums available to it, including said grant, in accordance with the plan submitted by the county to the Authority for funding as described in Exhibit A-1 and in accordance with the regulations, guidelines and direction of the Authority.

Section 6. The County Board agrees that the funds it receives as a Grant will not be used by the maintenance department of the County Board for the purpose of purchasing materials and equipment needed to improve and maintain existing facilities.

Section 7. In accordance with the mandates of the Act and regulations promulgated thereunder (the "Code"), the County Board covenants and agrees to expend all of the proceeds of the Grant by its designated expiration date as set forth in Paragraph C., Section 1., and in accordance with Exhibit A-2 Project Development Schedule of this Contract. If the County Board fails to expend the entire Grant by such date, the County Board hereby authorizes and directs the Authority to withdraw and the Depository to pay to the Authority any amounts remaining on deposit in the County Account five business days after the above referenced expiration dates.

Section 8. The County Board hereby covenants and agrees that it shall not proceed with the building design for the school without first securing a clear and free title to the property where the SBA funded facility is to be constructed, or without securing a right-of-entry as result of a condemnation proceeding initiated to secure the site where the SBA funded school is to be constructed.

Section 9. The County Board hereby covenants and agrees that it will submit the educational specifications, as well as design plans and specifications as per the ~~State Board of Education Policy 6200 and the School Building Authority's Guidelines Policy~~ and Procedures Handbook for the erection and/or renovation of school buildings to the

Authority for approval. Such plans and specifications shall comply with all requirements set forth in the Program Guidelines. Approval of plans and specifications for final construction will be subject to evaluation of the plan and the proposed site by the Authority.

~~Section 10. The County Board agrees to include the SBA Project Development Schedule (PDS) in the Architect/Engineer professional service contract and to require the Architect/Engineer to comply with the timelines established in the PDS.~~

Section 10. The County Board agrees to cooperate with the SBA with regards to issuing contracts for services of Construction Analyst (CA) or Construction Managers (CM) when assigned to the project by the SBA. The County Board further agrees to include language within the Standard Form of Agreement between the Owner and Architect that requires the Architect to cooperate with the Construction Analyst (CA) or Construction Manager (CM) with regards to their services in accordance with the AIA Construction Manager contracts and the SBA Task Order Agreement for Construction Analyst (CA) services.

Section 11. The County Board agrees to include the SBA Project Development Schedule (PDS) in the Architect/Engineer professional service contract and to require the Architect/Engineer to comply with the timelines established in the PDS.

Section 12. The County Board shall award bids only to properly licensed contractors as per the state Tax Department regulations. The County Board of Education shall require written evidence from all prime contractors that all sub contractors and all sub-sub contractors performing work on the approved project shall be covered by all required bonding.

Section 13. The County Board agrees to include in its contracts relating to projects receiving funds from the Authority items set forth in Appendice J of the School Building Authority Policy and ~~Regulations~~ Procedure Manual.

Section 14. Should the desired building design costs exceed the total construction funds available, the county must reduce the scope of the project and/or value engineer the facility to the satisfaction of the Authority prior to proceeding to the next project development phase. Failure to do so may be interpreted by the SBA as a Breach of Contract resulting in negation of the grant agreement between the local board and the SBA.

Section 15. The County Board shall employ a "Clerk-of-the-Works" to monitor all construction projects, unless otherwise waived by the Authority. The "Clerk-of-the-Works" shall not be a regular employee of the county board. The County Board shall use its best efforts to provide funds for the payment of such "Clerk-of-the-Works" by negotiating a reduction in architectural fees relating to such project. The grant recipient may, at the discretion of the Authority's Construction Committee, be required to proceed with the construction project using an Authority approved design, construction schedule

and construction management method. Requirement of a Clerk-of-the-Works will be waived for counties using construction management.

Section 16. The County Board shall retain an architect for renovations, additions and/or new construction projects as required by Chapter 5G of the WV Code or as required by the School Building Authority.

(i) The County Board agrees to retain architectural services using AIA B151, Standard Form of Contract between Owner and Architect, latest Edition ~~or the~~ approved School Building Authority Architectural/ Engineering Service Agreement. The County Board agrees that any percentage architectural fees shall be based upon the bid cost of the project, excluding cost overruns and change orders in accordance with Section I of the SBA Guidelines. Fees exceeding the SBA allowable amounts shall become the responsibility of the grant recipient (see SBA Form 175).

(ii) The County Board agrees to provide language within the Architect's design contract that requires the Architect to design the project within the funding available. If the desired educational programming exceeds the SBA programming standards, the County Board and Architect shall agree to resolve the programming differences or the owner shall agree to provide additional local funding to construct the desired facility prior to submission of the educational program or design to the SBA. Additionally, Sshould the bids received exceed the established project budget, the architect shall be required to revise the contract documents and re-bid the project at no additional cost or fee to the County Board.

(iii) The County Board agrees to contractually require the architectural firm to revise plans without additional cost to the County Board when the preliminary plans provided for review do not meet the requirements of the Authority, State Fire Marshal or any other regulatory agency.

(iv) All construction change proposal requests, change directives or construction change orders shall be submitted to the Authority for review and approval. Changes shall be submitted to the Authority in an AIA document format. Any project change that is not approved by the Authority which results in an encumbrance of additional project funds regardless of the source, may at the option of the Authority, cause termination of this grant. The County Board, at the demand of the Authority, will assume responsibility of existing contracts, forfeit the remaining grant funds and repay the Authority the full amount of grant funds expended at the time of termination with interest accruing from the date of termination at the rate of six percent per annum.

(v) The project budget shall be amended to reflect any and all increases or decreases in the project finance plan. Funds from any and all sources shall be submitted in the form attached hereto as Exhibit C for review and approval by the Authority. No construction contract or change order may be executed by the

Grantee until all sources of financing are identified and an updated Exhibit C is submitted and approved by the Authority.

Section 17. No educational facility shall be occupied without prior approval from the Authority and the appropriate state and county regulatory agencies. Because construction completion dates do not always coincide with educational schedules, the county agrees to complete and submit to the SBA with design development drawings, a viable contingency plan addressing how all affected students and staff will be housed should the new, additional or renovated facility not be available for occupation within the proposed time schedule.

Section 18. Should the possibility exist that the scheduled construction completion date negatively impacts the county's ability to occupy the facility for the start of school, the county board agrees to develop and implement a contingency plan. This plan must address how all affected students and staff will be housed should the new or renovated facility be unavailable at the beginning of the school term. Upon request by the SBA, the contingency plan must be submitted for review and approval along with the design development submission requirements.

Section 19. The County Board hereby covenants and agrees to have county maintenance and custodial staff trained on-site by the State Department of Education HVAC technicians on all new HVAC equipment and controls. The county board shall contact the Department of Education Office of School Facilities immediately following the installation of new HVAC equipment for training and for follow-up training six months after the initial training to insure proper maintenance and operation of the new HVAC equipment and controls during heating and cooling seasons in the first year of operation. This training shall be in addition to the contractor training provided at the conclusion of the project. The SBA shall be notified of the training schedule and the county agrees to schedule additional training, if in the opinion of the SBA, additional training is required in order for all key maintenance and custodial personnel to become efficient in the maintenance and operation of the new HVAC equipment and controls.

Section 20. The County Board agrees to keep the project in good repair and working order after completion and execution of this grant and accepts the terms and conditions identified in Exhibit D of this agreement. The County Board acknowledges that the Authority may inspect any project from time to time after completion, and if the Authority determines that a project is not being maintained in such condition, the State Board of Education may require that state aid monies be used to provide improvements or repairs to such Project.

Section 21. Any funds designated in this contract are provided in accordance with the details of the project as presented in the Comprehensive Educational Facilities Plan approved by the State Board of Education and the School Building Authority for the County Board. Failure to develop the project in accordance with the approved plan entails a misrepresentation that may, at the discretion of the Authority, void this contract. These details include designated utilization of the facility, instructional improvements,

cost savings measures, health and safety improvements, and the initiation of any student/teacher services so indicated in the plan.

Section 22. The County Board of Education understands that it must conduct any school closure hearings that may be required by this project and obtain State Board of Education approval of such closures prior to submitting any invoice to the SBA for consideration of payment and that the SBA will not recognize any invoice prior to such action by the County and State Boards of Education.

Section 23. The County Board agrees that the Authority will maintain a 5% retainage based on the total construction cost of the project until all construction contracts are complete and an approved Certificate of Project Completion is executed. To avoid placing the County at risk, it is recommended that the County withhold final payment on this project until such time.

Section 24. The County Board agrees that funds for payment of all requisitions shall be made available from this grant in the proportion of state to local or other funds dedicated to this project. Initial payments shall be made based on the following schedule based on the estimated percentage of State to local funds shown on Exhibit A-1:

<u>Responsible Party</u>	<u>Percentage of Funds Submitted for Payment</u>
Authority	00.00%
County Board	<u>00.00%</u>
	<u>100.00%</u>

Section 25. In order to utilize state funds expeditiously in accordance with The Code and to avoid extraneous costs associated with inflation that occurs in extraordinary design and/or finance planning and construction delays, this grant is conditioned upon the representation of the County Board, by the affixed signature of their President, that they will meet the planning and construction schedule outlined in Exhibit A-2 of this contract. Upon failure to comply with such schedule made in Exhibit A-2 of this agreement, the County Board shall be in default of this agreement and subject to the default provision set forth in this instrument.

Section 26. Upon any default under its representations of the agreements set forth in this instrument, or in the instruments incident to the awarding of the grant, Grantee, at the option and demand of Grantor, will repay to grantor forthwith the original amount of the grant received with the interest accruing thereon from the date of default at yield rate of the bonds from which the grant was made or at the current prime interest rate for grants made from Pay-As-You-Go funds. Default by the Grantee will constitute termination of the grant thereby causing cancellation of financial assistance by the School Building Authority under the grant. The provisions of this Grant Agreement may be enforced by Grantor, at its option and without regard to prior waivers by it of previous

defaults of Grantee, by judicial proceedings to require specific performance of the terms of this Grant Agreement or by such other proceedings in law or equity, in either Federal or State courts, as may be deemed necessary by Grantor to assure compliance with the provisions of this Grant Agreement and the laws and regulation under which this grant is made.

Section 27. This Grant Contract shall become effective as of the date first written and upon your mutual acceptance thereof.

FOR THE SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA

By _____
Executive Director

Accepted and agreed to as of the date first above written:
THE BOARD OF EDUCATION OF THE COUNTY OF

By _____
Superintendent

By _____
President, County Board of Education

SBA 125
Revised 6/11
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**BUILDING MAINTENANCE AND UPKEEP AGREEMENT
BETWEEN THE
_____ AND THE SCHOOL BUILDING AUTHORITY
OF WEST VIRGINIA FOR
_____ SCHOOL
EXHIBIT D**

West Virginia Code §18-9D-16 requires all county boards of education to implement a plan of regularly scheduled maintenance and preventive maintenance for all facilities within the county. School Building Authority (SBA) “Needs” based and “Major Improvement Plan” funding is contingent upon the implementation of this countywide plan. As a condition of this grant _____ County Board of Education (the County Board) must agree to the following in regards to this SBA funded project.

- The County Board will assign sufficient custodial personnel to this facility in order to provide a clean and healthful environment for students and staff.
- Custodial staff members will be provided sufficient training required to perform tasks assigned.
- Building maintenance staff members whose job responsibilities require them to perform maintenance on this facility will have sufficient training to allow them to successfully complete their duties assigned regarding building maintenance. The State Board of Education Office of Facilities (SDEOF) will provide technical training and support for the Heating/Ventilating and Air Conditioning (HVAC) Maintenance Plan.
- Annual funding will be provided from the county budget to support the maintenance and preventive maintenance plan for this facility. The SDEOF technical support staff will be utilized to assist with the creation of the HVAC preventive maintenance plan and its implementation.

Acceptance of SBA funding for this project represents a commitment by the county board of education to perform or cause to be performed the above maintenance and custodial duties for this project. An on-site inspection of this facility will be conducted annually by the SDEOF in accordance with West Virginia Code §18-9D-16h. Compliant and non-compliant standards will be identified and reported to the county and the SBA. The SBA will conduct follow-up visits and in cooperation with the county board of education initiate a plan of improvement. Failure to implement the maintenance and custodial care plan of improvement required to keep this facility clean and in good repair may cause a redirection of state aid funding by the SDEOF in an amount sufficient to cause this work to be contractually performed until such time as the county board staff has been properly trained to successfully perform the work.

I. ARCHITECTURAL AND CONSTRUCTION REGULATIONS

A. Application for Project Approval (WVDE/SBA P-1 Report – Rev. 12/11/91)

This report is to be submitted twice by the county, initially with the blueprints when they are submitted to the SDE and the SBA for review, and a final WVDE P-1 is to be submitted to the SDE and the SBA at the completion of the project with a WVDE BP-13-A or SBA Form 139 completion report.

B. Procurement of Architectural/Engineering and Construction Management Services

State agencies and their political subdivisions are required to comply with Article 1, Chapter 5G of the West Virginia Code regarding Procurement of Architectural, Engineering and Construction Management Services. All grant recipients are required to submit to the SBA office staff the names of the firms being considered to perform architectural, engineering design, or, if required, construction management or construction analyst services on all projects where budget is fully or partially funded by the SBA. Unless, otherwise authorized by the Authority, the architectural, engineering and construction management services shall be performed by companies within the State of West Virginia and must be licensed to perform the desired services in the State of West Virginia. In order to fully comply with this requirement, the following procedures must be followed:

- Submit the list of firms showing interest in performing design or construction management services to the SBA office staff upon receipt for review and approval prior to developing the “short” list for interviews.
- Submit the “short” list of at least three firms, two of which must be West Virginia resident firms, being considered to be the most qualified for the services required to the SBA office staff for review, prior to interviewing the firms.
- Architectural and Engineering firms being considered for the building design, must be informed at the time of their interview that the SBA requires that the work pertaining to each professional design discipline, i.e.: Architectural, Mechanical, Electrical, Civil and Structural be performed by a certified and licensed individual of that discipline. Architectural firms will submit the firm names and certificates of each individual design discipline in their project interview. Performance of this work by individuals licensed in the appropriate discipline will be verified by submission of bid and design documents to the SBA that have stamped A/E seals on those sections pertaining to that discipline.

- Once the interviews have been conducted, the firms shall be ranked in order of preference. The preferred list shall be forwarded to the SBA office staff for review and approval, prior to further negotiation or recommendation to the local board of education or governing body making final approval.
- Services shall be rendered under standard AIA contracts.
- Additionally, the SBA requires that engineering design professionals performing services on all SBA funded projects meet the following criteria:
 1. The engineer of record must be a registrant in good standing with the State of West Virginia Board of Professional Engineers,
 2. The designer must be a registered professional engineer, licensed in the State of West Virginia in a specific engineering discipline,
 3. The engineer must be trained and registered in the specific discipline associated with the work being designed, and place his/her seal only on engineering designs for their specific discipline(s),
 4. The engineer shall only place their seal on plans for school projects that were prepared by him/her or under his/her direct supervision, and
 5. The engineering firm must be registered to conduct business in the State of West Virginia and hold a certificate of authorization from the West Virginia Board of Professional Engineers.

Upon request, grant recipients may be required to submit qualification information from each of the firms being considered to the SBA.

The SBA encourages the use of standard AIA construction documents and agreements. Utilization of a Construction Manager or Construction Analyst may be required by the School Building Authority on a project by project basis.

C. Design Fees

Design fees shall be calculated based on a percentage of the construction cost. Construction costs are calculated based on the lowest acceptable qualified bid(s) for constructing the building. The cost for alternative designs that are not constructed shall be born by the grant recipient unless approved by the SBA. Construction costs does not include fees for the construction manager, clerk-of-the-works, construction analyst (paid for under additional services), legal fees, site acquisition or other project cost not directly associated with the construction of the building. Architect and engineering fees may also be applied to the cost of furniture and equipment only if the architect prepares the contract documents and administers the contract for the installation of the furniture and equipment. Maximum SBA reimbursement for architectural and engineering fees will be in accordance with the most current SBA fee schedule (SBA Form 175). The educational agency may agree to pay fees in excess of the maximum SBA amount; however, the additional cost for these fees will be the responsibility of

the educational agency. Reimbursable expenses for document printing and distribution for agency approval shall be paid from grant funds as a direct cost plus reasonable and customary overhead and profit.

D. Architectural and Engineering Fees

The SBA fee schedule must be used for all projects when SBA funding is provided. Grant recipients must use Standard AIA agreements and contract document forms or request SBA approval to use alternative agreements. Architectural and Engineering (A&E) fees are established by the SBA and should be considered as the maximum allowable to receive SBA reimbursement. Should the grant recipients choose to exceed the SBA maximum allowable design service fees, the difference in cost will be the responsibility of the grant recipient.

SBA reimbursements of A&E design service fees shall be based on a percentage of the actual construction cost for contracts awarded. Fees associated with alternative designs not awarded will be the responsibility of the grant recipient and paid as additional services by the grant recipient. Fixed fees based on percentages of the construction cost will be calculated using the most current SBA approved fee schedule times the actual construction cost. For purposes of calculating design service fees based on a percentage of the construction cost, construction costs include the value of construction contracts awarded construction and the cost of furniture and equipment where the architect provided professional services associated with the preparation of bidding documents for the furniture and equipment. A&E fees relating to construction change orders shall be calculated at the same percentage established for the project based on the approved construction budget once established under Section H (Fees Relating to Change Orders). Incidental reimbursable expenses for surveys or other pre-approved project expenses may also be paid from project funds. A stipulated sum design service contract may also be used with the approval of the SBA office. Stipulated sum fees would be based on an amount agreed upon by both parties for professional services regardless of the construction cost.

Construction costs do not include costs associated for a construction manager, clerk-of-the-works, construction analyst, licenses, permits, B&O taxes and change orders caused by A&E errors and omissions or change orders which do not require the services of the A&E firm. Fees associated with construction change orders will be reviewed by the SBA and the owner and additional professional service fees will be paid based on services required to effectuate the construction change.

E. Fee Modifications

Consideration will be given to modifying the SBA fee structure if a particular project is considerably more complex or if the project requires substantially more special consultants to complete. Fee modifications will be negotiated during the

A & E procurement process and approved by the SBA before design service contracts are executed.

F. Multiple Prime Contracting Fees

The Basic Service Fee schedule may be adjusted for multiple prime construction contracts at the discretion of the SBA. Compensation for additional services for multiple prime construction contract administration shall be negotiated based on the number and complexity of the contracts. The maximum SBA reimbursement for compensation for administration of multiple prime contracts shall not exceed the SBA A&E fee schedule amounts without approval of the SBA.

G. Prototypical School Design Fees

The West Virginia Legislature encourages the use of prototypical designs where possible in West Virginia public schools. Where SBA funding is provided, county boards of education shall consider prototypical school designs. Design service fees will be adjusted when prototypical designs are used. A&E fees are negotiable and will be based on services required. The basic service fee for an original design shall be 100% of the maximum allowable based on the SBA fee schedule.

Should the county board elect to use a prototype school design, 100% of the negotiated percentage fee will be applied to the cost of the site preparation and improvements required to adapt the site to accommodate a prototypical design school, for bidding and negotiations and for construction administration services. The design service fee for the reuse of an original design may not be greater than 40% of the design service phases of the original school designs. A&E fees for projects where substantial portions of the design are duplicated from previously designed projects will be adjusted based on the percentage of design duplication. For prototypical school projects, the total fee shall never exceed the maximum allowable fee percentage for the project had the prototypical design not been used.

H. A&E Fees Relating to Change Orders

Fee adjustments for owner requested or added value change orders will be considered. Compensation will be based on the amount of design, coordination and/or construction administration required to effectuate the change. Fee adjustments must be approved by the SBA. A&E fees for change orders not requiring design changes should be negotiated as an additional service and reimbursed on an hourly basis.

A&E fee modifications for change orders for new construction that requires construction document amendments due to design deficiencies will be reviewed on an individual basis by the owner and the SBA and fee adjustments considered if construction has not taken place in the affected area. The owner will pay for

the required labor and material cost to effectuate the change. The A&E fee will only be adjusted based on A&E services required to effectuate the change in the scope of work.

A&E fee modifications for change orders on new construction that requires construction document amendments due to items of work inadvertently omitted from construction documents where the construction has taken place in the affected area and demolition is required will be reviewed on an individual basis by the owner and the SBA. If it is determined that the problem should have been resolved by the A&E firm within the building design, the owner will pay for the required change order and the A&E firm will be back-charged for the change including any demolition and replacement costs plus contractor overhead and profit. The owner will deduct any added value construction received as a result of the change from the amount the A&E firm is being back-charged.

A&E fee modifications for change orders on renovation and addition projects will be addressed on an individual project basis. If construction changes are required due to owner requested changes, incorrect as-built information or if it is determined by the owner and the SBA that a condition has occurred that could not have been foreseen by the A&E firm, the A&E firm will be compensated for the design modification based on the additional services required to effectuate the change in work.

If the SBA or owner assigns a construction manager (CM) or construction analyst (CA) to a project, CM and/or CA review comments relative to the **clarity of the design intent** shall be incorporated into the documents by the A/E unless the A/E determines that the clarifications will change the design intent of the project or conflict with applicable codes or standards. The A/E will notify the owner and SBA of comments not being incorporated into the documents. However, should clarification comments not being incorporated into the document result in construction change orders, the SBA will not provide funding for the change order.

I. Reimbursable Expenses

All design and construction service costs for the project shall be included in the basic service agreement including the cost of design, redesign (with exception of owner requested design changes after approval is granted to proceed into the construction document phase), construction administration and other project development costs. The county board will reimburse the A&E firm for the cost of review and bidding document printing and distribution to perspective bidders and approval agencies.

J. Additional Services

Special consultants required by the A&E firm for complex projects will be paid as an additional service by the grant recipient. Special consultants must be approved by the owner and the SBA prior to their use. HVAC Testing, Adjusting and Balancing services shall be contracted directly to the county board. Geotechnical services shall also be contracted directly to the county board (or other grant recipients) unless SBA approval is granted to contract this service to the A & E firm.

K. Building Component Requirements

Every effort must be made to plan and design schools with quality HVAC systems and low maintenance hard surface finishes. The SBA Quality and Performance Standards must also be incorporated, where applicable, into building design criteria for all projects approved after June 2008. Deviations from these standards must be approved by the SBA. With this in mind, design architects and engineers must consider various prioritized options within the building design that address the following:

1. Quality HVAC systems must be installed in all schools. These systems must be capable of providing efficient, long term climate control, complying with the minimum standards established by the SBA performance criteria. Buildings must also be designed with durable, low maintenance building finishes;
2. The HVAC Testing, Adjusting and Balancing (TAB) agent shall be certified according to the procedures contained in the associated air balance council (AABC) national standards, the national environmental balancing bureau (NEBB) procedural standards and the environmental engineering consultants (EEC) standards for testing, adjusting and balancing. The TAB agent shall directly represent and is under direct contract with the building owner and shall coordinate scheduling of TAB start up and completion work with the mechanical contractor, mechanical engineer, SBA, architect and construction manager, where applicable and paid from available project funds.
3. SBA or local funds will not be used to construct building square footage that will result in the inefficient use of the facility in sacrifice of a quality HVAC system or building finishes;
4. Once the square footage of the building academic and support spaces has been approved by the SBA, first consideration must be given to quality HVAC systems and building finishes. If local funds are proposed at any time throughout the project development, these funds and their intended use must be identified and approved by the SBA, and;
5. Additional SBA funding for project overruns will only be considered if Items D 1-4 are satisfied and additional funds are required in order to award the basic bid to the lowest qualified bidder(s).

Building Component Requirements – Safe School Design

The SBA recognizes the need to incorporate safe school design into West Virginia's new schools. Wherever possible, designers should incorporate safe schools through environmental design philosophies into the new school designs. Crime Prevention through Environmental Design (CPTED) concepts should be included in the school design and a CPTED Analysis should be incorporated into the school planning process. Additionally, educational agencies shall consider security within the facility and work with local law enforcement agencies during the building design process to incorporate local school access safety plan concepts into the new school design. Minimally, the following should be considered:

1. Limit the number of buildings within the design to one building, if possible.
2. Minimize unsupervised entrances into the building. Unsupervised entrances should be locked and equipped with emergency exiting hardware.
3. Limit site access and if possible, provide a security person at the site entrance.
4. Provide drop-off and pick-up lanes for school bus use only.
5. Minimize the number of driveways and parking areas students cross to enter or leave the school campus.
6. Provide interior building security that would allow classroom areas to be closed and locked off from gym areas and other areas of the facility being used during off school hours.
7. Minimize areas of the building and campus that cannot be easily supervised by administration and staff (i.e., alcoves, recesses in walls, short perpendicular corridors into classrooms).
8. Place elementary student lockers in classroom, where feasible, so that access can be monitored by staff. Locker locations should always be placed close to supervision and designed for easy surveillance.
9. Provide for two-way communication within student occupied areas of the building. Include the ability to communicate outside the school should telephone service be interrupted.
10. Install basic security systems throughout the facility and appropriate video surveillance in non-supervised and high student concentration areas.
11. Provide adequate exterior lighting including parking lot lighting.
12. Landscaping should consist of small shrubs below three feet and large trees that keep the visual zone between three feet and six feet unimpaired.

Note: Grant recipients and school planners shall work cooperatively with the State Office of Homeland Security (OHS) and other public safety agencies during the planning and design phases of all projects. At the conclusion of all new school projects and projects that alter the building square footage or layout, the grant recipient/architect shall provide the OHS an electronic copy of the building design that complies with the requirements of the SBA school access safety provision and the most current OHS school access safety submission requirements.

L. Disqualification of Contractors

Construction contractors or subcontractors on probationary status or who have had a contract terminated for just cause as described in the AIA Document A201 or A201/CMA General Conditions Article 14, Section 14.2 will be prohibited from bidding projects funded by the School Building Authority for a minimum of one year and pending review of the SBA thereafter.

M. Construction Project Development

Renovation and addition projects typically evolve from conceptual ideas derived from county curriculum and facilities personnel. Programmatic information is provided through the educational specifications to the architect/engineer who develops graphic illustrations that show general space relationships and curricular areas. The architect develops these ideas into a complete construction project documents by utilizing the following phases:

- Site Feasibility Study
- Educational Specifications
- Schematic Design Phase
- Design Development Phase
- Construction Document Phase
- Bidding and Negotiation Phase
- Construction Phase

It is extremely important that all requirements of each project development phase be met before proceeding to the next phase. To avoid cost overruns and possible redesign cost, project costs must be monitored during the schematic design, design development and construction document phases. All contractual agreements with architects/engineers or construction managers must include language that requires the architect/engineers or construction managers to submit all planning and project design information and estimates of probable cost to the School Building Authority and the county board of education for approval. The School Building Authority, the county board of education, the curriculum and facilities planning team and the architect should be in agreement before proceeding from one phase to the next.

- The design includes all curricular and facilities requirements proposed by the planning team and the School Building Authority or an explanation as to why these requirements are not being provided;
- The project as designed can be constructed within the budget provided by the county board;
- And the project is being constructed on an approved site for which a clear and free deed is held by the grantee. The use of leased properties must receive prior approval of the SBA.

N. Construction Project Submission and School Building Authority Review

All construction projects funded by the School Building Authority are required to be submitted for review to the School Building Authority staff. A ~~30~~ 14 day review period shall be included in each phase of the project development schedule for SBA review of planning, schematic, design development and construction documents. Project documentation as required by Form SBA 176 A-E of the "Handbook on Planning School Facilities" (latest edition of State Board Policy 6200) ~~and in accordance with all requirements of the School Building Authority Policy and Procedure Handbook~~ must be submitted. Minimally, the School Building Authority must review and approve the site feasibility study, educational specifications, schematic drawings, design development documents and final construction documents as they are developed. Estimates of probable cost must be submitted with each phase of the project approval process. Educational specifications must be submitted with schematic designs for SBA review. Specific requirements regarding the project educational specification can be found in Appendix I. A formal site feasibility study must be prepared by the project architect/engineer before proceeding with the purchase of any site for construction. Consideration must be given to all factors identified in State Board Policy 6200 "Handbook on Planning School Facilities", Chapter 2. The site feasibility study must include all site development costs for each site being considered. The site feasibility study along with the recommendation for the preferred site must be submitted to the SBA for approval before proceeding with the acquisition of any site. ~~The schematic design must include but is not limited to the following:~~

- ~~Schematic Drawings~~
- ~~Programmatic Information~~
- ~~Preliminary Estimate of Probable Cost~~
- ~~Educational Specification or Program Modifications~~

~~The design development submission for review must include but is not limited to the following:~~

- ~~Design Development Drawings~~
- ~~Outline Construction Specifications~~
- ~~Technology Plan~~
- ~~Updated Estimate of Probable Construction Cost~~

~~Final construction documents submitted for review must include:~~

- ~~Detailed Drawings of the Facility~~
- ~~Written Specification with Appropriate Bidding Information~~
- ~~Project Approval Form (P-1)~~
- ~~Final Estimate of Probable Construction Cost~~

~~Applicable submission requirements can also be found in Chapter 12 of the "Handbook on Planning School Facilities."~~ Projects shall not be advertised for bid or construction started until after the School Building Authority staff has reviewed the submitted documents and the School Building Authority review comments have been satisfactorily addressed. A revised set of bidding documents must be submitted to the SBA office along with assurances that review comments have been addressed within the final documents. Additionally, SBA submission requirements are included on the school construction project development flow chart.

O. Real Estate Acquisitions Using School Building Authority Funds

In order to maximize the limited amount of School Building Authority funding for the construction of educational facilities, the School Building Authority has taken the following action:

- The Authority will not approve any Grants which include the funding of real estate acquisitions with grant proceeds.
- The Authority will not approve amendments to any Grants which include the funding of real estate acquisitions with grant proceeds.

P. Clerk-of-the-Works Requirements

The educational agency shall be required to employ a clerk-of-the-works to monitor all construction projects in excess of \$100,000 unless waived by the SBA, or an SBA approved construction management method is being utilized. Candidates for construction managers and clerk-of-the-works shall be submitted for SBA review prior to final selection by the educational agency. A clerk-of-the-works employed by the county through contracted services shall minimally be paid an amount equal to the basic hourly prevailing wage rate of a Journeyman Carpenter as determined by the West Virginia Department of Labor for the project location. The actual time the clerk-of-the-works begins to perform the duties may vary according to the project and the timing of the award of the construction contract. However, the clerk-of-the-works must be given sufficient time to acquaint themselves with the total scope of the project in order to be an effective part of the construction team.

The School Building Authority requires that the clerk-of-the-works be hired at the same time the project is let for bids. If delays are anticipated in the award of the bid or actual construction/renovation is not scheduled to begin immediately, the clerk-of-the-works must be hired prior to beginning construction and be provided with adequate time to become familiar with the project scope and to be prepared to assist with the project as soon as bids are received and the construction contract is executed. During the bidding process it is conceivable that the clerk-of-the-works may not be required to perform his duties full time.

Realizing that there are various types of projects requiring the appropriate construction review documentation, the responsibilities of the clerk-of-the-works will vary with the scope of each project. The clerk-of-the-works shall not circumvent or eliminate the normal construction responsibilities of the architect/engineer or contractor. However, when applicable, the clerk-of-the-works can be a vital member of the project team and can assist in the project observation and documentation process. A construction analyst, if required by the SBA, shall be utilized during the design phases of a project.

Q. Mandatory Pre-Bid Conference

So that bidding information is properly conveyed to all bidders and to clarify questions and the intent of the bidding requirement, contractors shall be required to attend mandatory pre-bid conferences. Bidding documents shall notice all bidders of this requirement and include language making this requirement a prerequisite to bidding the project. The requirements for having the pre-bid meeting may be waived by the SBA for special circumstances conditioned upon a written request to the SBA by the design professional. All substantive pre-bid questions shall be addressed at the pre-bid meeting and if the bidding documents do not clarify the questions, a project addendum will be circulated to all bidders.

R. Construction Project Bid Coordination and Reporting

Construction bid dates must be coordinated through the SBA office. Project architects/engineers must contact the SBA office and identify the proposed bid date desired. The SBA office will coordinate the most appropriate bid date after considering other construction project bidding schedules. Every effort must be made to prevent similar construction projects from being bid in the same week and within the same region of the state to allow for maximum participation of bidders.

Once released for bid by the SBA, bids shall be advertised in accordance with Chapter 59-3-1 of WV Code as a legal advertisement in a qualified newspaper occurring within a period of 14 consecutive days with at least an interval of 6 full days between the date of the first and second publications. However, unless waived by the SBA. **NO** bid opening date shall be scheduled less than 21 days after the first publication date.

The School Building Authority is tracking construction square footage costs for total projects and various building components. Project bid tabulation documents are required to be faxed immediately to the School Building Authority office within 2 hours after construction bid openings are concluded. The tabulation sheet should be self-explanatory and include explanations of base bid pricing and all alternates being requested. The normal bid tabulation sheet prepared at the conclusion of the bid for county staff is acceptable. The bid tabulation must accompany the list of subcontractors and major equipment and material suppliers

list (SBA Form 123) from the apparent low bidder(s) also required to be forwarded to the School Building Authority Office within two (2) hours of the conclusion of the bid opening. **Bid openings shall not be scheduled after 2:00 p.m.**, so that bidding information can be transmitted to the School Building Authority office the same business day. No construction contract shall be awarded without the School Building Authority review and approval of the construction bid and the contractor being recommended for the award.

S. Contractor Evaluation (SBA 124)

The School Building Authority requires the Owner to do evaluations of all prime contractors performing work on School Building Authority projects. This information must be submitted to the SBA at the completion of each project as a part of the project closeout information and accompany the final contractor pay application. ~~during the construction phase at 25%, 50%, and 75% of project completion and submitted with the request for payments for the corresponding periods. This information must also be submitted to the SBA at 100% completion with the final BP-13-A project closeout document.~~ Our goal is to have each contractor's overall work performance evaluated and document a history of excellent, average or poor performance on several projects. This information will also be made available upon request to all grant recipients.

T. Architect Evaluation (SBA 138)

The School Building Authority requires the Owner to do evaluations of all architects performing work on School Building Authority projects. This information must be submitted with the project closeout information provided to the SBA when final payment is requested by the grant recipient. ~~at the completion of the bidding phase and during the construction phase at 25%, 50% and 75% of project completion and submitted with the request for payments for the corresponding pay periods. This information must also be submitted to the SBA with the BP-13-A or SBA-139 project closeout documents.~~ The goal is to have each architect's overall work performance evaluated and document a history of excellent, average or poor performance on several projects. This information will also be made available upon request to all grant recipients.

U. Construction Observation Report (SBA 113)

Construction Observation Reports are required to be completed by the clerk-of-the-works or the project administrator to record the current status of construction projects. This report may also be used by project architect/engineers, if desirable. The timelines of the Project Observation Reports can be established by the project administrator and must be sent to the SBA office for review and approval.

V. Certificate of Project Completion (WVDE BP-13-A, Rev. 10/94)

A Certificate of Project Completion is submitted to the West Virginia Department of Education and the School Building Authority upon completion of each contract in order to effectuate a close-out. The BP-13-A or SBA Form 139 for Multiple Prime Project reports must be submitted to the SBA prior to the request for final payment. The grant recipient shall arrange an inspection tour with the appropriate officials including the School Building Authority field representative. No occupation of a new facility or renovated facility shall occur until a Certificate of Occupancy is provided by the fire marshal and the SBA provides notification approving the date the building is to be occupied. The county board of education (or building owner) must provide the SBA a copy of the Certificate of Substantial Completion indicating the building has been declared substantially complete and suitable for the owner to occupy along with a request for a SBA walk-thru for permission to occupy the facility. The School Building Authority will retain five percent (5%) of the project cost until the completion report is executed including final inspection by the School Building Authority. The School Building Authority will provide the county board (or building owner) a list of required project closeout requirements when the project is 95% complete.

W. Affidavit of Debt Paid – In accordance with West Virginia Code 5A-3-10a, contractors are required to submit an Affidavit of Debt Paid SBA Form 177. This form shall be submitted to the county board of education or contracting agency along with other closeout documents.

X. Worker eligibility requirements – The A/E shall include provisions within the bidding documents that require all contractors to comply with state and federal labor regulations to verify the legal employment status of all workers as required by WV Code Chapter 21 Article 1B-1-8.

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PROFESSIONAL SERVICES OF THE CONSTRUCTION ANALYST

The following is a description of the professional services of the Construction Analyst. The Construction Analyst (CA) will be assigned to select projects by the SBA as projects are approved, ~~should be hired once the project architect has been hired and before the project proceeds into the conceptual stage of the building design.~~ The Construction Analyst will act as the owner and SBA representative and provide services as described in the SBA/CA task order agreement ~~be an extension of the project architect's contract and reimbursed through the architect by the SBA for this service.~~

Generally, the Construction Analyst ~~advises~~ the owner, SBA, and architect ~~through all building at the beginning of the design development phases and these services continue through the construction document phase of the project.~~ The CA will provide constructability and document coordination review comments as they relate to the clarity of the documents and estimates of probable cost, ~~if it appears the construction cost may exceed the project budget and make recommendations for design alternatives to insure the design is within the approved budget.~~

The Construction Analyst does not assume responsibilities for the design or methods and means for the construction of the facility and does not assume responsibilities assigned to the architect/engineer or contractors performing work on the project. However, the Construction Analyst review comments shall be incorporated in the documents by the A/E unless the A/E determines the clarification will change the design intent or conflict with applicable codes or standards. Should owner, SBA and CA clarification comments not incorporated into the documents result in a construction change order, the SBA will not provide funding for the change order.

The Construction Analyst will provide an estimate of the cost of their service at the schematic design phase of the project. The architect/engineer shall provide the Construction Analyst a copy of the schematic design document information and include all SBA submission requirements (SBA Form 176b). The CA will base the cost of services on the scope of work shown on the schematic design. The grant recipient and SBA will approve the cost of the CA services and the grant recipient will issue a purchase order for services described in the task order agreement.

The CA will then review and provide services for the design development and bidding document phase of the project. The architect, grant recipient and the SBA will work cooperatively to design the school within the funding available. The process will be as follows:

- Construction Analyst assigned to an approved project
- Architect/Engineer provides CA with schematic design for cost of services quotation
- Cost for services negotiated and grant recipient issues purchase order to the assigned CA for services (SBA will reimburse for cost of services based on the project percentage breakdown in grant contract)
- CA provides design development documents for review comments
- Grant recipient, SBA, A/E and CA review and reconcile design development comments

- A/E provides CA construction documents for review comments
- Grant recipient, SBA, A/E and CA review and reconcile construction document comments. Reconciliation is achieved when all parties agree that the estimate is within 2% of each parties estimate or agreement is reached that no further scope of work can be reasonably accomplished and additional funding will be committed to the project if the deficit becomes a reality after the bids are received. Projects with budget differences greater than 2% may only move forward with owner and SBA approval.
- Project proceed to the bidding stage based on agreements reached by all parties regarding design and project cost

Once bids are received and a construction contract is awarded, the construction analyst contract for services on the specific project is terminated. Please review the SBA Quality and Performance Standards for additional construction analyst information and requirements.

PRECONSTRUCTION SERVICES OF THE CONSTRUCTION ANALYST

1.——Conceptional Services

- a.——Site Visit
- b.——Initial Cost Opinion of Building Program and Conceptional Plan
- c.——Reviews Proposed Construction Methods and Project Schedule
Established by the Architect and the School Building Authority

2.——Schematic Documents Phase

- a.——Prepares Initial Estimate Based on Building Square Footage and Building Systems Identified in Initial Outline Specifications
- b.——Reviews Construction Methods and Project Schedule
- c.——Reviews Building Systems and Recommends Cost Effective Alternative Construction Methods and/or Systems

3.——Design Development Phase

- a.——Prepares First Detailed Cost Estimate at 90% of Design/Development and Reports Results to Owner, Architect and SBA
- b.——Updates Project Schedule Including a Preliminary Construction Schedule
- c.——Recommends Alternate Proposals when Applicable

4.——Contract Documents Phase

- a.——Prepares Additional Estimates at 65% and 100% Completion of Contract Documents
- b.——Finalizes Construction Schedule and Prepares Construction Schedule to be Placed in Final Bid Documents
- c.——Assist Architect with the Coordination of Contractor Responsibilities within Bid Packages

- d. ~~Reviews Construction Contracts for Form and Identifies any Overlap of Contractor Responsibility within Contract~~

5. ~~Bidding Phase~~

- a. ~~Confirms Construction Schedule with Owner/Architect/SBA/Contractors at Pre Bid Meeting~~
- b. ~~Review Perspective Bidder Qualifications~~
- c. ~~Assist the Architect with the Pre Bid Meetings~~
- d. ~~Should the Lowest Qualified Bids Received Exceed the Construction Budget, the Construction Analyst or Construction Manager will be Responsible to Make Recommendations to Bring the Project Within the Approved Budget~~

6. ~~General~~

~~Provisions Shall be Made Within the Contract Documents for the General Trades Contractor to be Responsible for the Updating of the Construction Schedule on Projects not Involving a Construction Manager. The General Trades Contractor will have the Responsibility of Updating the Schedule, Documenting Specific Contracts that are behind Schedule and Notify the Contractor Responsible for the Delay in Writing as soon as the Delay Occurs.~~

PROFESSIONAL SERVICES OF THE CONSTRUCTION MANAGER

The following is a description of the professional services of the Construction Manager. The SBA will review each approved project and determine the project management team for each project. This process will be concluded when each project is approved by the Authority. The Construction Manager (CM) ~~should~~ shall be hired in accordance with the procedures in Chapter 5G of the West Virginia Code. The CM will be a professional service and must be in place prior to ~~once the project architect has been hired and before the project proceeds into the~~ conceptual stage of the building design. The Construction Manager will be contracted directly to the owner and represents the owner and SBA interests on the project. ~~as described below. Unless an alternative agreement is approved by the SBA, The AIA Standard Form of Agreement Between the Owner and Construction Manager shall be used. The SBA may require supplemental conditions to the standard agreement and any modifications to the CM or architects contract will be communicated to all parties prior to the execution of the contract.~~

Generally, the Construction Manager advises the owner and architect through all bidding design phases with regard to site suitability, design constructability, document coordination and cost estimating. During the bidding and construction phase, the CM provides professional services with regards to bid package configuration scheduling and construction administration. if it appears the construction cost may exceed the project budget and make recommendations for design alternatives to insure the design is within the approved budget. During the construction phase, the Construction Manager will perform the services described below.

The Construction Manager does not assume responsibilities for the design or methods and means for the construction of the facility and does not assume responsibilities assigned to the architect/engineer or contractors performing work on the project.

The Construction Manager will provide preconstruction and construction services as per the AIA C132-2009, or latest approved edition, as negotiated for the individual project conditions. The contract shall include provisions for preconstruction document review that will provide, but not limited to, constructability comments, document coordination and estimates of probable cost for all phases of the building design.

The architect/engineer (A/E) shall submit the design documents to the CM, the owner and the SBA for review comments as required in SBA policy and the design contract. All CM and owner/SBA comments must be satisfactorily addressed by the A/E to assure the project is moving forward with all parties clearly understanding the project scope and cost. All parties will work cooperatively to reconcile the estimate of probable cost. Reconciliation will have been achieved when all parties agree that the estimate is within 2% of each parties estimate or agreement is reached that no further scope of work can be reasonably accomplished and additional funding will be committed to the project if the deficit becomes a reality after bids are received. Projects with budget differences greater than 2% may only move forward with owner and SBA approval. CM review comments relative to the **clarity of the design intent** shall be incorporated into the documents by the A/E unless the A/E determines that the clarifications will change the design intent of the project or conflict with applicable codes or standards. The A/E

will notify the owner and SBA of comments not being incorporated into the documents. However, should clarification comments not incorporated into the document result in construction change orders, the SBA will not provide funding for the change order.

~~A. PRECONSTRUCTION SERVICES OF THE CONSTRUCTION MANAGER~~

~~1. Conceptual Services~~

- ~~a. Site Visit~~
- ~~b. Initial Cost Opinion of Building Program and Conceptual Plan~~
- ~~c. Reviews Proposed Construction Methods and Project Schedule Established by the Architect and the School Building Authority~~

~~2. Schematic Documents Phase~~

- ~~a. Prepares Initial Estimate Based on Building Square Footage and Building Systems Identified in Initial Outline Specifications~~
- ~~b. Reviews Construction Methods and Project Schedule~~
- ~~c. Reviews Building Systems and Recommends Cost Effective Alternative Construction Methods and/or Systems~~

~~3. Design Development Phase~~

- ~~a. Prepares First Detailed Cost Estimate at 90% of Design/Development and Reports Results to Owner, Architect and SBA~~
- ~~b. Updates Project Schedule Including a Preliminary Construction Schedule~~
- ~~c. Performs Constructability Reviews and Recommends Alternate Proposals that will reduce the project cost~~

~~4. Contract Documents Phase~~

- ~~a. Prepares Additional Estimates at 65% and 100% Completion of Contract Documents~~
- ~~b. Finalizes Construction Schedule and Prepares Construction Schedule to be Placed in Final Bid Documents (when applicable)~~
- ~~c. Assist Architect with the Coordination of Contractor Responsibilities within Bid Packages~~
- ~~d. Reviews Construction Contracts for Form and Identifies any Overlap of Contractor Responsibility within Contract~~

~~5. Bidding Phase~~

- ~~a. Confirms Construction Schedule with Owner/Architect/SBA/Contractors at Pre-Bid Meeting~~
- ~~b. Review Perspective Bidder Qualifications~~
- ~~c. Assist the Architect with the Pre Bid Meeting~~

- d. ~~Should the Lowest Qualified Bids Received Exceed the Construction Budget, the Construction Manager will be Responsible for Making Recommendations to Bring the Project Within the Approved Budget~~

~~B. CONSTRUCTION SERVICES CONSTRUCTION MANAGER~~

- ~~1. Performs On Site Representation and Construction Observation Duties for the Owner~~
- ~~2. Maintains On Site Project Office, Manager and Phone/Fax~~
- ~~3. Reviews Construction Contracts~~
- ~~4. Prepares and Maintains Construction Schedule~~
- ~~5. Reviews Applications for Payment~~
- ~~6. Coordinates Shop Drawing Submittal Schedule with Contractors and Architect~~
- ~~7. Reviews Change Directives and Change Orders and Recommends Disposition to Owner, Architect and SBA~~
- ~~8. Assists in the Preparation of the Final Punch List in Conjunction with Contractor and Architect/Engineer~~
- ~~9. Documents Construction Delays Immediately and Reports to Owner, Architect/Engineer and Contractors, Complies with SBA Requirements and Communicates all Design and Construction Activities Associated with the Construction Managers Responsibilities Described to the SBA~~
- ~~10. Administers Contract Provisions for Identifying Causes for Delays and Notifying all Parties~~

~~C. GENERAL~~

~~Construction Manager Contract Shall be Provided Using AIA Standard Form of Agreement 801 CM and Modified as Amended by the above.~~

DUTIES AND RESPONSIBILITIES OF THE CLERK-OF-THE-WORKS

- a. Observe the quality and progress of the construction to determine in general that it is proceeding in accordance with the Contract Documents. Notify the Owner, Architect/Engineer and School Building Authority project representative immediately if, in the Clerk-of-the-Works opinion, work does not conform with the Contract Documents or requires special investigation by the Owner, Architect/Engineer or Contractor.
- b. Monitor the construction progress and assist in the preparation of progress reports required by the Owner or School Building Authority.
- c. Review Contract Documents with the Contractor's superintendent so as to have a complete understanding of the scope of the project.
- d. Consider the Contractor's suggestions and recommendations, evaluate them, discuss them with the Architect/Engineer, Owner and the School Building Authority's representative and assist the Architect/Engineer when applicable in making a final decision.
- e. Attend project meetings as the Owner's representative and report to the Owner in writing on the proceedings.
- f. Observe tests required by the Contract Documents. Review testing invoices, if any, to be paid by the Owner.
- g. Maintain records at the construction site or as directed by the Owner in an orderly manner in accordance with the Owner's and School Building Authority's procedures. Include correspondence where applicable, such as Contract Documents, Change Orders, Construction Change Authorizations, Architect's/Engineer's Supplemental Instructions, reports of site conferences, Shop Drawings, Product Data, Samples, supplementary drawings, color schedules, requests for payment, names and addresses of contractors, subcontractors and principal material suppliers.
- h. Keep a log book containing project progress and reports and submit reports on the progress of the Contractor's work to the Owner, and the School Building Authority's project representative. The log must contain activities related to the project, weather conditions, nature and location of work being performed. The Project Architect/Engineer will provide Observation Construction Reports documenting his site visits.
- i. When applicable, provide assistance to the Architect/Engineer upon request in reviewing Shop Drawings, Product Data and Samples.

- j. When applicable, observe the Contractor's Record Drawings at intervals appropriate to the stage of construction and notify the Owner and Architect/Engineer of any apparent failure by the Contractor to maintain up-to-date records.
- k. Review Applications for Payment submitted by the Contractor with the Architect/Engineer and assist in making recommendations for disposition.
- l. When applicable, assist the Architect/Engineer in reviewing the list of items to be completed or corrected with is submitted by the Contractor with a request for issuance of a Certificate of Substantial Completion. When applicable, assist the Architect/Engineer in reviewing the documentation and record documents to be furnished to the Owner by the Contractor at Substantial Completion, and verify that the Contractor has met the requirements of the Contract Documents for training the Owner's personnel in the operation and maintenance of all building equipment and systems.
- m. When applicable, assist the Architect/Engineer in final inspection of the work. Assist the Architect/Engineer in reviewing the documentation and record documents to be furnished to the Owner by the Contractor upon completion of the work.
- n. Assist the Owner on small projects by observing the construction and reporting progress and quality of work being performed by the Contractor. At no time shall the Clerk-of-the-Works assume responsibilities of the Architect/Engineer, Architect/Engineers representative or the Contractor in charge of the construction.

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA

EDUCATIONAL SPECIFICATIONS

By constructing educational specifications, the learning activities, the number, groupings and nature of the people involved, the spatial relationships between sections of the facility, the interrelationships of instructional programs with each other as well as non-instructional spaces and the major furniture/equipment needs of the new facility can be defined and more easily understood. Each Ed Spec Committee must consist of representatives from the educational profession, individuals from the community and the architectural design staff selected by the board of education.

When specifications are agreed upon and committed to a written document, the architect is provided the greatest opportunity to design a school that more nearly meets the needs of the educational program and facilitates the activities that will be occurring in the spaces. To that end, and to more readily value the scope of the project, it is essential that an educational specifications document accompany the schematic drawings submitted to the SBA for review prior to approval by the local board of education.*

To be consistent and assist in understanding the issues to be included in the educational specifications, the following outline is provided but should not be considered inclusive should other issues be of concern to you and your planning committees.

I. Introduction

A short synopsis describing the configuration of the educational structure, the projected number of students, site location, availability of site utilities, existing availability of ancillary facilities and spaces (i.e., athletic, etc.) and proposed statistics for the new construction.

II. The Community

A brief description of the community, its history, specific cultural distinctions and maps showing geographic characteristics, attendance areas (present and proposed) and the site location.

III. The Educational Plan

The educational plan can be subdivided into two general areas:

- A. Curriculum Plan – States the schools philosophy, educational goals and objectives of the program. This should clarify important issues and priorities for consideration in the planning of the new facility.
- B. Support Plan – Provides staffing information including teachers, instructional aides, food service personnel, counselors, custodial staff, and administrative staff including principals, assistant principals, department heads, etc.

- C. Technology Component (where applicable) – If technology is used to support the curriculum delivery, provide specific details regarding how the technology will be used for each curricular area and/or administrative area in the new school. The technology plan shall comply with state and county adopted standards.

IV. Building Space Requirements

The utilization of space is extremely important. The SBA requires a minimum 85% utilization of newly constructed schools or schools where building additions are being proposed. In order to assist in developing Section IV, Worksheet #1, which compiles data from the calculation of spaces for the new facility, must be completed and incorporated into Section IV.

The final number of allowable classrooms and the square footage for any facility that incorporates SBA funds will be determined by the SBA staff upon consideration of the program needs, building utilization rates, maximization of multi-use spaces in the design and the potential construction of the project within the allocated funds available.

In order to assure appropriate spaces and utilizations for the projected enrollment, room numbers and labels should be assigned to instructional areas on the schematic drawings and a model student schedule developed using Worksheet #2 to locate students and staff within the facility during each of the instructional periods of the day.

The following formula is to be utilized to determine the maximum number of classrooms that may be considered in each curricular area: The following example assumes a middle school math program for 300 students, a six period academic day (excludes planning periods), a maximum of 25 students, and calculated as a semester class where full credit is achievable for the class:

FORMULA FOR DETERMINING TEACHING STATIONS PER SUBJECT AREA**

<i>Number of students</i>		<i>Number of periods</i>			
<i>Enrolled in subject</i>	<i>x</i>	<i>per week in subject</i>			
<u>(300)</u>		<u>(5)</u>		<u>= 1500</u>	
					<i>Number of teaching = 2</i>
					<i>stations for this</i>
<u>(25)</u>		<u>(30)</u>		<u>= 750</u>	<i>subject area</i>
<i>Maximum class size</i>		<i>Maximum number of periods</i>			
<i>(see reference sheet)</i>	<i>x</i>	<i>per week (every period, every day)</i>			

V. Space Allocations

This section describes the instructional areas (general classrooms, PE areas, tech. ed. labs, science areas, consumer and homemaking areas, special education spaces, administrative offices, etc.). Middle/Junior and High School departmentalization, specialization of spaces, electives and scheduling are factors to be considered in determining then number of teaching stations. The maximum number of teaching stations may be determined by applying the formula provided in Section IV to each

subject area. The following description of each subject area is needed and should include:

- A. Goals – What are the objectives to be accomplished in the area.
- B. Space Required – Submit the calculations from the formula in Section IV to identify the number of spaces needed in this subject area and complete Worksheet #1, attached. Teacher planning areas must be provided in building design allowing maximum use of teaching stations.
- C. Planned Activities – Include specific actions to be performed in an area such as paint, read, science experiments, audio visual presentation, telecommunications, robotics lab, multiple use areas, etc.
- D. Number of Users – Determine the number of administrators, teachers, aides and pupils to use the area at any one time.
- E. Group Usages – Identify if the area is to be used for large or small group instruction, individual student work, team teaching, multiple usage, etc.
- F. Spatial Requirements – Identify the spatial relationships of any one space to other areas of the facility whether inside or outside – near to or away from, convenient to media center (as with language arts areas), capability for combining or subdividing areas, the frequency of such adjustments and the square footage needed to do so, etc. Bubble diagrams should be used to show interrelationships of spaces.
- G. Support Facilities – Spaces that allow the area to meet its goal: shared storage areas, teacher preparation areas, student work/storage areas, conference rooms, etc.
- H. Environmental Considerations – Acoustical, Visual, Thermal, Climatic and Aesthetic considerations that enhance the practical usage of the specific space.
- I. Utility Needs – Utilities needed in the specific area including: water, electrical, toilets, 3-phase power, gas, vacuum capability, telephone, technology wiring, etc.
- J. Storage – More specific direction as to the cubic feet of storage needed in the specific area. Generally, this denotes built-in storage areas and closets.
- K. Display Areas – Chalkboards, bulletin boards, display cases (linear feet).
- L. Furniture and Equipment – Quantities and types of items to be used in each area.
- M. Technology – Specific needs of each space to accommodate the technological delivery system/network incorporated into the facility.

- N. Other – Identify any other specific information essential to each specific area including communications, security, special ventilation requirements and any county adopted design standards.

VI. Technology Plan

A technical plan for delivery of media, voice, data, graphics, text and telecommunications throughout the school includes a description of the instructional and administrative objectives, the technical structure needed to facilitate the system, the equipment needed to implement the system and the physical/design requirements for incorporating the system into the construction of the facility. The school technology delivery plan shall be based on the technology standards developed for the administration and instructional delivery in new schools. A detailed technology plan shall be developed specific to the project as a part of the educational specifications. The technology plan will identify how technology will be used and how it will support the curriculum delivery model. The plan will:

- A. Identify current and proposed technology needs
- B. Establish technology integration strategies
- C. Identify ideal implementation strategies for every academic and administrative space
- D. Establish a process for tracking, servicing and updating technology equipment
- E. Identify security protocol and permissions strategies
- F. Outline staff development relating to the use of technology
- G. Identify the infrastructure needs based on the curriculum and instruction programming and match the technology with the skill sets the students are supposed to obtain from the instruction
- H. Provide the design engineer specific technology needs including backbone requirements that will allow the design of the power and support infrastructure for the schools technology equipment

~~The technology plan will be developed according to the~~ in accordance with SBA Policy and Department of Education's Office of Curriculum and Technology & Information Systems' guidelines. The plan shall be and submitted to them and the SBA for approval with design development documents. SBA funding to support the technology infrastructure will be conditioned upon SBA approval of the technology plan.

VII. Design Criteria and General Architectural Considerations

This section should regard the total school complex but may be specified in distinct areas or regard special concerns. Following are some suggested considerations:

- A. Health and safety
- B. Quality of building systems and components
- C. Economies to be attained – instructional, operational, maintenance
- D. Flexibility and multi-use of spaces
- E. Efficient circulation patterns
- F. Community use considerations
- G. Communication systems – may be incorporated into the Technology Plan
- H. Accessibility
- I. Building Security and School Access Safety
- J. Student Supervision

VIII. Educational Specifications Committee Page

A signature page for members comprising the Ed. Spec. committee will be included. Names will be organized by the group each individual represents, i.e., teachers, administrators, parents, community leaders, design professional, etc.

***Architects** – Please be advised that an SBA review will not occur without submittal of the program of spaces and the preliminary educational specifications with schematic drawings and the final educational specification and technology plan submission with the design development submission. Continued development of the building design beyond these phases of the project schematics without written approval of the SBA is at the fiscal risk of the designer and the ~~board of education~~ grant recipient.

****Bibliography:**

- A. Conrad, MJ., *A Manual for Determining the Operating Capacity of Secondary Schools*. Bureau of Educational Research and Service, OSU.
- B. Castaldi, Basil, *The Castaldi Nomogram*. The New England School Development Council.
- C. CEFPI, Phoenix, AZ, *A Guide for Planning Educational Facilities*.

WORKSHEET #1

SUMMARY OF SPACES FROM CALCULATIONS IN SECTION IV

[illegible]

*Classroom numbers from the formula are not to be rounded to the nearest whole number, insert the actual answer from the formula. Example: Language Arts -- 3.4 classrooms

Date _____ **Design Enrollment** _____ **Periods Per Day** _____

SBA141

BUILDING PROGRAM UTILIZATION WORKSHEET

Worksheet #3

County: _____ School: _____ Current Enrollment: _____

Number Classrooms Types	x	Maximum Pupils/Class Type	=	Total Program Capacity
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
Totals _____		_____		_____

Program Utilization = $\frac{\text{Current Enrollment}}{\text{Total Program Capacity}}$ = _____

PROGRAM UTILIZATION = _____ % Desirable Program Capacity = 85%

Instructions for Calculating Building Program Utilization

Elementary School – Calculate the number and type of classrooms using the maximum program capacity for each regular or special classroom. Assume for example – that all students are seated in a first period block without pullout programs. Do not include library/media, cafeteria, itinerant spaces, resource rooms, or optional academic classrooms such as art, music and computer labs that act as pullout programs to support the core curriculum.

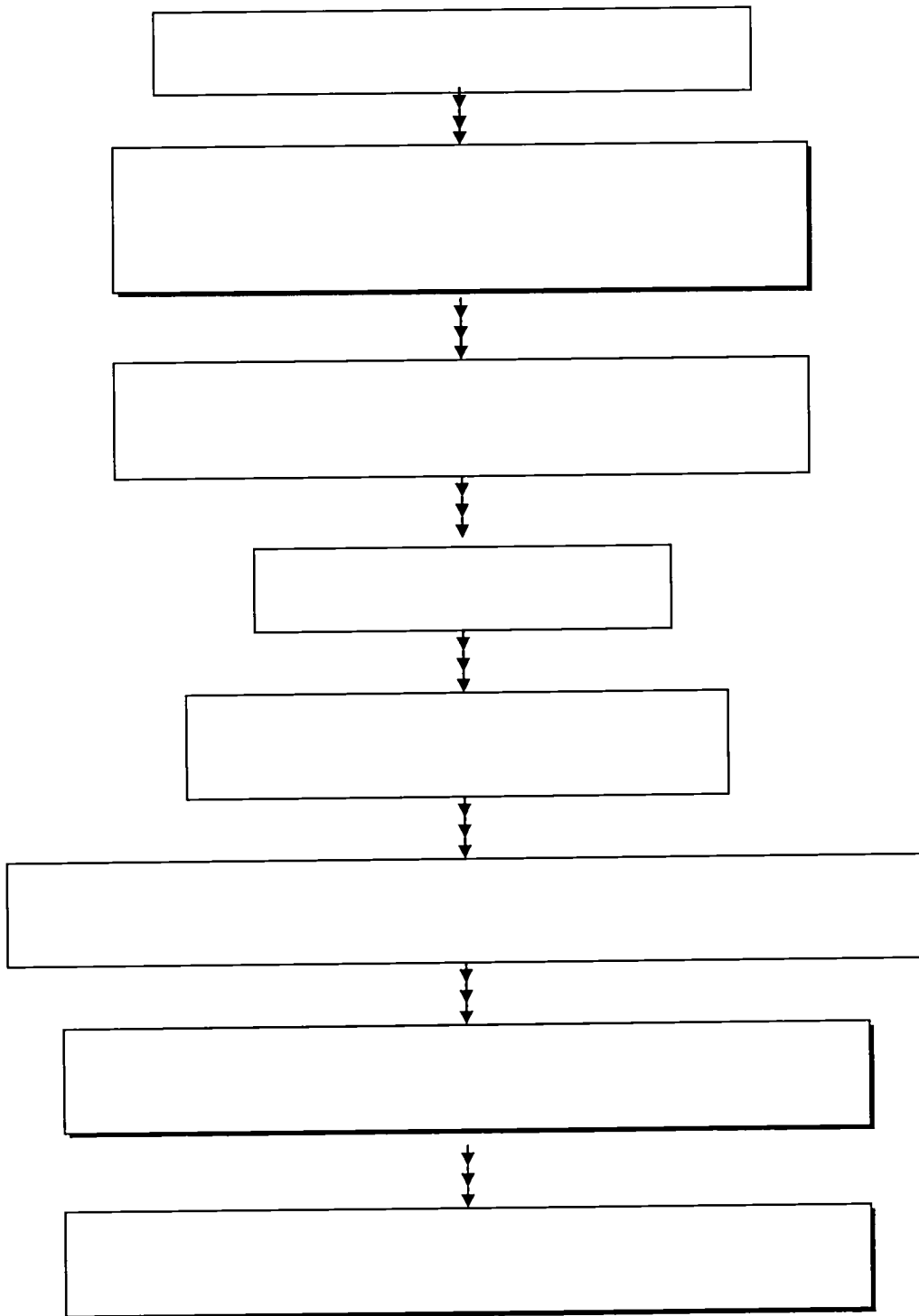
Secondary School – Middle/Junior High School programs where various schedules exist, calculate the number and type of classrooms using the maximum program capacity for each regular or special classroom. Assume for example, that all students are seated in a first period block and exclude library/media, commons or any space that cannot be used for other course offerings in the daily capacity of each facility. The maximum capacity for instructional spaces for specialty classrooms is counted once. A specialty classroom may be available throughout the school day but due to its specialized design or equipment it is rendered impractical to use for other instructional purposes.

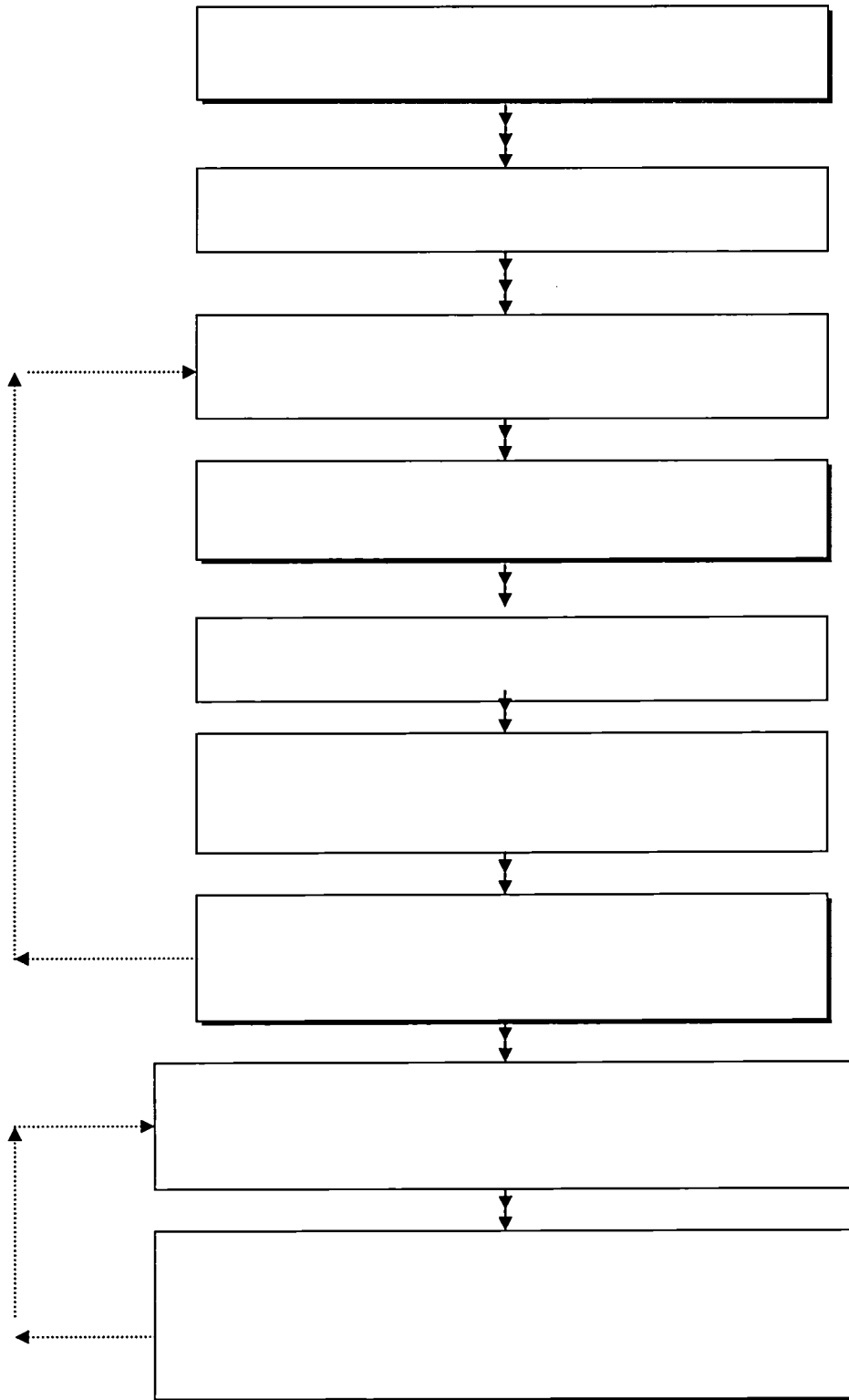
SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA			
Maximum Class Sizes			
Classroom Type	EL	MS	HS
Kindergarten and Pre-Kindergarten	20		
General Instruction Areas	25	25	25
Corrective or Remedial Education	15	15	15
Art Rooms (Optional/EL)	25	25	25
Driver Education Facilities			25
Consumer/Homemaking Classroom (Optional)		25	25
Consumer/Homemaking Lab		25	25
Foreign Language Facilities		25	25
Foreign Language Lab (Optional)		25	25
Technology Education		20	
Technology Education Lab/Classroom		25	
Music Facilities (Optional/EL)	25	25	40
Ensemble Room (Optional)			12
Physical Education	25	70	70
Science Facilities		25	20 25
Micro-Computer Lab (Optional)	25	20	20
Electronic Technology Lab (Optional)		75	
Auditorium (33% of total student body - min. 250)			
Behavior Disorders	8	8	8
Communication Disorders (Self Contained)	12	12	12
Deaf/Blind (Self Contained)	3	3	3
Mildly Mentally Impaired (Self Contained)	12	12	12
Moderately Mentally Impaired (Self Contained)	12	12	12
Autism	10	10	10
Severely/Profoundly Mentally Impaired (Self Contained)	9	9	9
Deaf and Hard of Hearing	10	10	10
Blind and Partially Sighted	10	10	10
Specific Learning Disabilities (Self Contained)	12	12	12
Pre-School Handicapped (Self Contained)	10		
Gifted Education (Self Contained)	15	15	15
Resource Services (Regular Program Support)	15	15	15
Agricultural Education			20 25
Agricultural Mechanics Lab			20
Marketing Education			25
Diversified Cooperative Training			25
Vocational Health Occupations			25
Health Occupations Lab			25

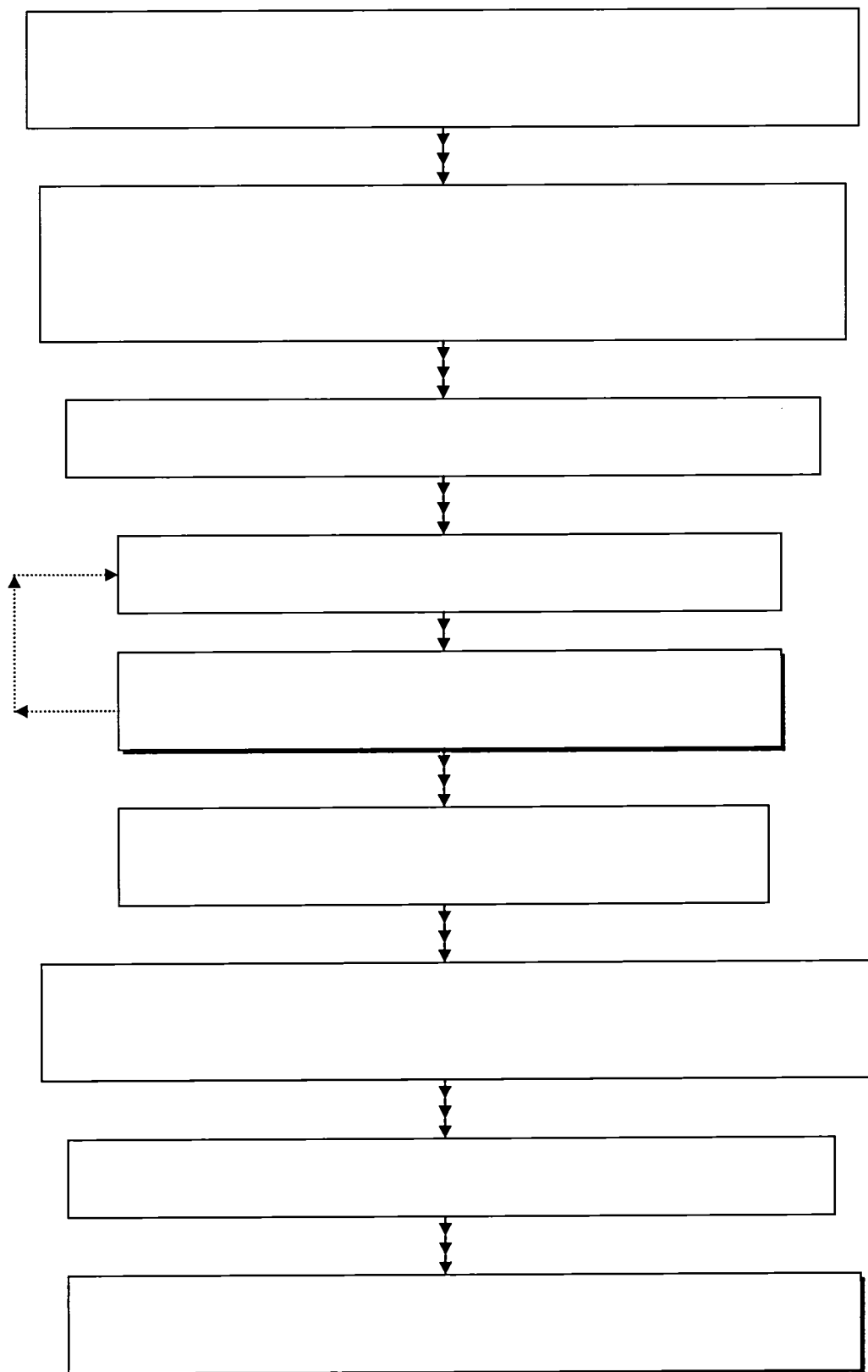
SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA			
Maximum Class Sizes			
Classroom Type	EL	MS	HS
Family and Consumer Science (FACS)			25 <u>20</u>
Food Management, Production & Services (Occup)			20
Child Care Specialist (Occup)			20
Vocational/Industrial & Technical Classrooms			20
Industrial and Technical Lab			20
Business Education Classroom			20 25
Computer/Keyboarding Lab			30 25
Office Technology			20
Tech Ed. Production Lab		20	20
Tech Ed. Systems Lab			20

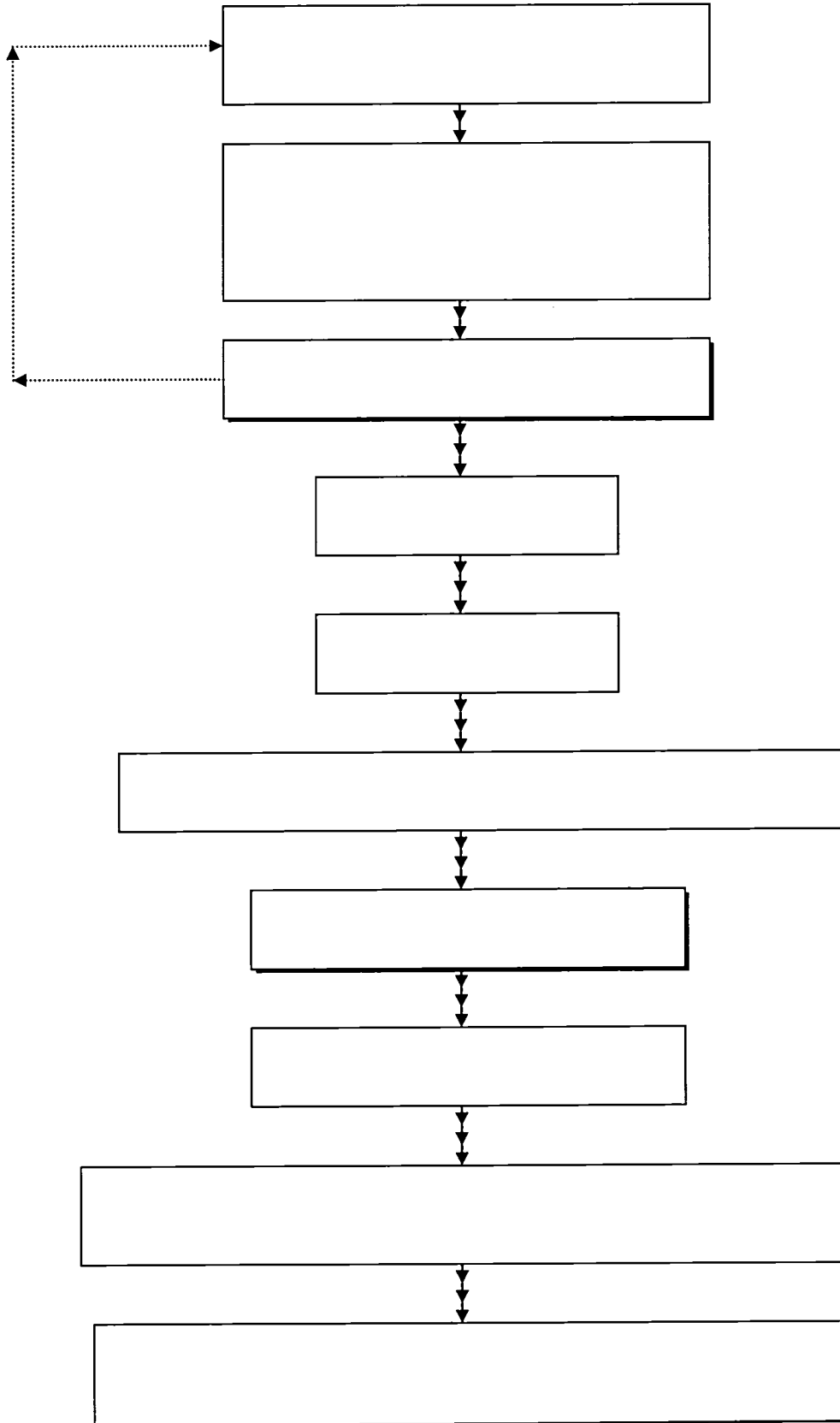
Bold type spaces are instructional areas for students with exceptionalities. Most students with exceptionalities are served in general education classrooms designed to accommodate students with exceptionalities. Maximum class sizes are shown to provide design data where self-contained rooms are provided. Exceptions to these class sizes may occur with approval of the State Department of Education. See also Chapter 7 of the "Handbook on Planning School Facilities" (State Board of Education Policy 6200) for Level I, II and III services where applicable.

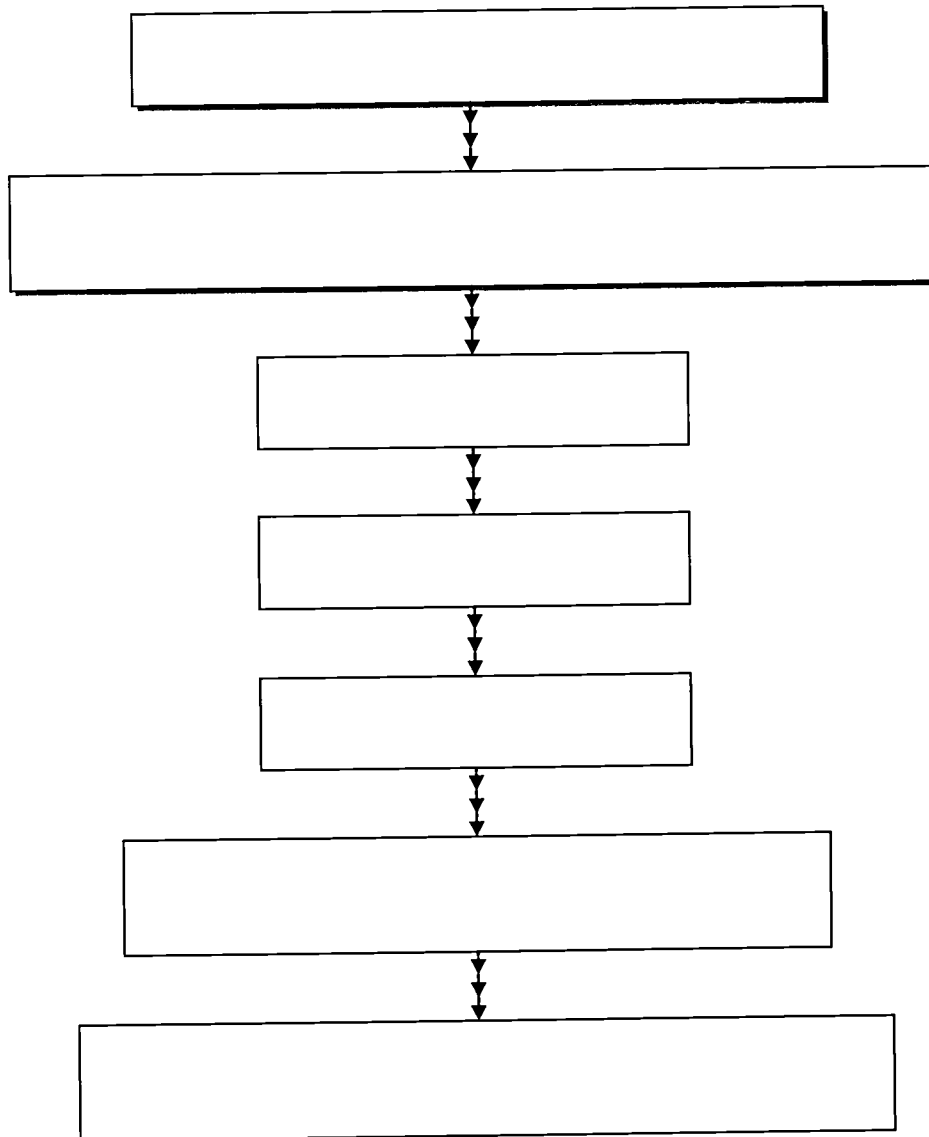
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SBA SUPPLEMENTAL, GENERAL AND SPECIAL CONDITIONS

The following School Building Authority Regulations change, delete from or add to the AIA Supplemental, General and Special Conditions relating to bidding documents where SBA funding is being used in whole or in part for the construction of schools and school related facilities. This information shall be included in the bidding documents for all projects funded in whole or in part by the SBA. The SBA also requires all referenced documents to be bound within the contract documents revised or updated documents must be approved by the SBA. The SBA encourages the use of standard AIA forms when possible including but not limited to the following:

I. CONTRACT DOCUMENT REQUIREMENTS

GENERAL REQUIREMENTS

- Construction Drawings
- Construction Specification
- General and Special Conditions
- Invitation to Bid
- Instructions to Bidders
- Bid Proposal Form
- Bid Bond (AIA A310)
- Insurance Requirements
- Performance Bond and Payment Bond
- Contractor's Qualification Statement (Specimen)
- Standard Form and Agreement Between Owner and Contractor

CONTRACT FORMS

- General Conditions of the Contract for Construction (AIA A201)
- Standard Form of Agreement Between Owner and Contractor Where Basis of Payment is a Stipulated Sum (AIA A101)
- General Conditions of the Contract for Construction Manager – Adviser Edition (AIA A201/CMA)
- Standard Form of Agreement Between Owner and Contractor – Stipulated Sum, Construction Manager – Adviser Edition (AIA A101/CMA)
- General Conditions of the Contract for Construction, Construction Manager as Adviser Edition, where applicable (AIA A232)
- Performance Bond and Payment Bond (AIA A312)
- Instructions to Bidders (AIA A701)
- Change Order (AIA G701)
- Change Order, Construction Manager – Adviser Edition, where applicable (AIA G701/CMA)
- Application and Certificate for Payment (AIA G702)
- Application and Certificate for Payment, Construction Management – Adviser Edition, where applicable (AIA G702/CMA)
- Continuation Sheet (AIA G703)
- Certificate of Substantial Completion (AIA G704)
- Certificate of Substantial Completion, Construction Manager – Adviser Edition, where applicable (AIA G704/CMA)

Builders Risk Insurance Certificate, where applicable (Acord Form 24)
Certificate of Insurance (G715) (Acord Form 25)
Contractor's Affidavit of Payment of Debts and Claims (AIA G706)
Contractor's Affidavit of Release of Liens (AIA G706A)
Consent of Surety to Final Payment (AIA G707)
Consent of Surety to Reduction in or Partial Release of Retainage (AIA G707A)
Proposal Request (AIA G709)
Architect's Supplemental Instructions (AIA G710)
Construction Change Authorization (AIA G714)
Construction Change Directive, Construction Manager-Adviser Edition, where applicable (AIA G714/CMA)
Certificate for In-State Contractor Preference (if preference given)
Contractor's Qualification Statement and Contractor Financial Statement (SBA 105 and 105A)
List of Subcontractors and Major Equipment/Materials Suppliers (SBA 123)
Verification of HVAC Training (SBA 159)
Certificate of Project Completion (BP-13A)
Certificate of Project Completion – Multiple Prime Projects (SBA 139)
Affidavit of Debt Paid (SBA 177)

II. CONTRACTOR REGISTRATION CERTIFICATE AND TAX RELEASES

- A. Each Bidder must be registered with the West Virginia Department of Tax and Revenue prior to the time and date for Receipt of Bids in order for his Bid to be considered.
- B. If any Bidder is not registered with the Tax and Revenue Department, application should be made to West Virginia Department of Tax and Revenue, Capitol Complex, Charleston, WV 25305, and complete Form 801, so that a registration number may be assigned prior to the time and date for receipt of Bids.
- C. A State Tax release form will be filed with the West Virginia Department of Tax and Revenue by the local board of education upon receipt of the final payment request from the contractor. Final payment will only be processed after the local board of education has received evidence from the Department of Tax and Revenue indicating appropriate state taxes has been paid on completed construction projects in West Virginia.

III. CONTRACTOR LICENSING

All contractors doing business in West Virginia must be licensed to perform work in the state as required by the West Virginia Contractor Licensing Act. The ACT requires but is not limited to the following:

- A contractor's license number shall be included in all contracting advertisements and all fully executed and binding contracts.

- Any plan, specification and invitation to bid prepared by any architect or engineer shall make reference to the West Virginia Contractor Licensing Act informing any prospective bidder that a contractor's license number must be included on any bid submission.
- All approved subcontractors must be licensed and a copy of their current license number must be submitted with all quotations to the general contractor. Pursuant to the ACT, general contractors are required to only accept quotations from subcontractors licensed to perform work in West Virginia. Additionally, the SBA Form 123 requires the subcontractor's name, address and license number to be submitted to the SBA office within two hours of the close of bids and a copy of all general and subcontractors licensing certificates must be submitted to the agency receiving bids for review prior to the award of construction contracts.

IV. BID BOND

- Each Bid shall be accompanied by a Bid Bond payable to the Owner for five percent (5%) of the total Bid issued by a solvent surety company with a rating of A.M. Best, A- or better rated and listed on the most current Federal Register, Circular 570, and authorized to do business in the State of West Virginia. Should the Bidder refuse to enter into a contract with the Owner on the terms stated in the Bidding Document or fail to furnish bonds covering faithful performance of the Contract and all obligations arising there under, the full amount of the Bid Security shall be forfeited to the Owner as liquidated damages, not as a penalty. No Bid Bond is required for projects of \$25,000 or less.
- Irrevocable Letter of Credit is not acceptable as a Bid Bond.
- A certified cashiers' check is not acceptable as a Bid Bond.
- Personal securities are not acceptable as a Bid Bond.

V. PERFORMANCE BOND

- The contractor to whom any contract is awarded, shall pay for, execute and deliver to the Owner via the Architect, within ten (10) days after award of contract by Owner and before signing the contract a corporate surety Performance and Labor and Material Payment Bond on AIA Document A311 (or equivalent form), to be executed by an A.M. Best, A- or better rated surety company listed on the most current Federal Register, Circular 570, and which is authorized to do business in the State of West Virginia and which is satisfactory to and approved by the Owner and the SBA in the sum of one hundred percent (100%) of the amount of the contract, insuring the full and faithful performance of the work and payment in full for all materials, machinery, equipment and labor, and covering all the guarantees called for in the specifications and all other obligations arising

there under. The Labor and Material Payment Bond shall be in the sum of one hundred percent (100%) of the contract amount. All contractors performing work on SBA projects must be covered by a performance bond and must be included on the list of subcontractors submitted to the SBA (Form 123). The Owner will not accept responsibility for direct payments to subcontractors performing work on projects by way of consignment. No Performance Bond is required for projects of \$25,000 or less.

- B. Should the successful Bidder fail or refuse to deliver the required bond and all other Contract Documents, properly executed within ten (10) days after receipt of the Owner's letter of intent to award a Contract, the successful Bidder shall forfeit the security deposited with his Bid as liquidated damages, not as a penalty.
- C. Irrevocable Letter of Credit is not acceptable as a Performance Bond.
- D. A certified cashiers' check is not acceptable as a Performance Bond.
- E. Personal securities are not acceptable as a Performance Bond.
- F. Failure of a construction firm to satisfactorily perform the work specified in the contract documents will result in the owner executing their rights, pursuant to the conditions of the contract documents, to declare a construction contract default under the provisions of the AIA General Conditions of the Contract for Construction established for this project. If the construction firm's surety company is notified of their responsibility for the completion or remediation of incomplete or non-compliant work, said firm will no longer be eligible to bid future projects funded by the School Building Authority of West Virginia.

VI. WORKERS COMPENSATION

All contractors required to provide workers compensation coverage shall list the awarding agency and project architect as additionally insured on the Workers Compensation coverage. Additionally, proof of continued Workers Compensation coverage throughout the duration of the project shall be provided on the certificate of coverage.

VII. CONTRACTOR INSURANCE

- A. ~~In furtherance of Article 11 of the General Conditions, e~~Each contractor furnishing labor and materials shall ~~furnish~~ provide insurance in the following categories and for the stated minimum amounts. All insurance shall be written to show evidence of the following: The Architect and the Owner shall be **ADDITIONALLY INSURED** on the contractor's policy. The Contractor shall be the **NAMED INSURED**.

(1) Worker's Compensation/Employer's Liability
Statutory – State of West Virginia – Compensation thru State approved fund.
Employer's Liability – Limits Required:
\$500,000 – each employee
\$500,000 – each accident
\$500,000 – aggregate

Coverage must include legal liability brought under WV Code Annot. (1978)
Section 23-4-2.

(2) Contractor's Public Liability Insurance Limits Required:
\$2,000,000 – General Aggregate
\$1,000,000 – Products Complete Operations Aggregate
\$1,000,000 – Personal & Advertising Injury Limit
\$1,000,000 – Each Occurrence Limit

Commercial General Liability must include:

Explosion, Collapse and Underground Property Damage. Coverage required if
contractor's operations warrant such coverage.
Also, if blasting operations, separate blasting coverage is required.

(3) Automobile Liability Insurance
Limits Required:
\$1,000,000 – Per Accident
Provide "Any Auto" Coverage

(4) Excess Liability Insurance
Limits Required:
\$2,000,000 – Combined Single Limit Occurrence
\$2,000,000 – Aggregate

(5) Builders Risk and Property Insurance
100% Completed Value Form
Coverage Format:
All Risk including theft

Coverage shall include transit and off-site storage/secondary location limit
amount that exceeds any shipment or off-site storage material value before
payments to contractor for off-site stored materials are approved. Proof of
coverage limits exceeding accumulated value of materials stored is required.

Names Insured shall be Owner, CM or CA, Architect, Contractor and all
Subcontractors ATIMA.

Deductibles shall be stated in the Certificate of Insurance. Payment of deductible shall be the responsibility of the contractor.

The Owner will provide Builders Risk and Property Insurance coverage for renovation projects during construction by adding the contractor and all subcontractors, ATIMA to the permanent property policy unless otherwise stated in the bidding documents.

B. Certificate of Insurance

The Certificate of Insurance shall be provided by the Contractor to the Owner and Architect at the current address of said parties with a transmittal cover indicating the project name, location of project, type of work to be performed and the nature of the documents transmitted.

The Certificate of Insurance shall contain a provision that coverage afforded will not be canceled until at least sixty (60) days prior written notice has been given to the Owner and Architect.

The Owner shall be the Certificate Holder.

The Certificate shall be prepared on "Acord" Form 25-5 (7/90) or an equivalent form.

The Certificate shall indicate that the Owner and Architect are ADDITIONAL INSURED under the Contractor's policy.

The Certificate of Insurance shall indicate the carrier's financial rating. The rating must be an A.M. Best, A- or better rated surety company listed on the most current Federal Register, Circular 570 and is authorized to do business in the State of West Virginia and approved by the owner and the SBA.

VIII. PERMITS AND LICENSES

For the Owner's records, submit copies of permits, licenses, certifications, inspection reports, releases, notices, receipt for fee payments, correspondence and records established in conjunction with compliance with standards and regulations bearing upon performance of the work.

IX. SEMI-PROPRIETARY SPECIFICATIONS

- A. To encourage competitive bidding, the project specifications shall specify not less than three products, materials or equipment. The product, material or equipment used shall comply with the contract requirements.
- B. In certain instances, a single product may be the only one that will comply with the specific design/function requirement.

X. WAGE RATES AND CERTIFIED PAYROLL

All contractors and subcontractors shall pay West Virginia Department of Labor fair minimum rate of wages for the county in which the work of this contract is performed. The SBA requires that a certified payroll be submitted with each contractor's pay-application using the U.S. Department of Labor Form WH-347 or SBA other approved document. Certified payrolls must include names, addresses and social security numbers of all workers, including those of any subcontractors, in order to assure compliance with West Virginia's Prevailing Wage laws and the SBA's Supplemental, General and Special Conditions. Upon request, counties will be required to submit the certified payroll report to the SBA for review.

Each contractor shall be responsible to obtain correct and fair minimum rate of wages as established by the West Virginia Department of Labor.

XI. PROCESSING OF PAYMENT APPLICATIONS

Applications for payments from the SBA must be accompanied by an SBA Exhibit B Requisition Form, SBA 104A and a copy of the invoice and a description of work completed including materials/equipment used for the project. Requisitions must be received by the depository and the SBA by the 5th day of the month in which payment is being requested. Payments will be processed and mailed to the grant recipient on the 15th day of the same month. The SBA reserves the right to review requests for payment and make adjustments when they deem necessary. Note: An approved construction schedule must be in place prior to the second pay application being requested. Failure to comply with this provision will result in delayed processing of this and all future pay applications until the owner and SBA approved schedule is in place.

XII. RETAINAGES

- A. A 5% retainage will be maintained throughout the construction period. The Owner will pay 95% of the portion of the Contract Sum properly allocable to labor, material and equipment incorporated in the work, and of materials and equipment suitably stored at the site or at some other location agreed upon in writing, for the period covered by the most current submitted Application for Payment, less the aggregate of previous payments.
- B. The Owner will pay upon Substantial Completion of the Contracted Work, a sum sufficient to increase the total payments to 95% of the Contract Sum, less such amounts as the Architect and the Owner shall determine for all incomplete work, rejected work and unsettled claims as provided in the contract documents. The final 5% retainage shall not be released until the Grant Recipient, Architect/Engineer and the School Building Authority have received satisfactory evidence of the completion of all work required by the contract documents, including all rejected work and the resolution of all unsettled claims.

XIII. LIQUIDATED DAMAGES

The contractor agrees that from the compensation otherwise to be paid, the Owner may retain a sum in accordance with the following schedule for each day thereafter, Sundays and holidays, included, that the work remains uncompleted, which sum is agreed upon as the proper measure of liquidated damages which the Owner will sustain per diem by the failure of the contractor to complete the work at the stipulated time, and the sum is not to be construed in any sense a penalty.

Liquidated damages will be assessed as follows:

<u>Project Cost</u>	<u>Liquidated Damage</u>
Up to \$1,000,000	\$ 500.00/per day
\$1,000,000 to \$5,000,000	\$ 750.00/per day
Over \$5,000,000	\$1,000.00/per day

XIV. STANDARD OF QUALITY AND CODES

A. All work, labor, materials and equipment specified, constructed and installed are to be of first-class quality. To help insure this occurs, all work and equipment designed and specified shall conform to the latest applicable codes and standards including but not limited to the following:

- (1) West Virginia State Building Code
- (2) International Building Code (IBC) approved by the State of West Virginia
- (3) American Society for Testing Materials (ASTM)
- (4) American National Standards Institute (ANSI)
- (5) National Fire Protection Association (NFPA)
- (6) National Electrical Code (NEC)
- (7) American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)

B. All work must also have the approval of all West Virginia governmental authorities and agencies having jurisdiction over the project including but not limited to the following:

- (1) West Virginia State Fire Marshal
- (2) West Virginia Department of Health
- (3) West Virginia Department of Natural Resources
- (4) West Virginia Department of Highways
- (5) West Virginia Department of Education
- (6) West Virginia Division of Labor
- (7) School Building Authority of West Virginia

XV. BID CERTIFICATION

In accordance with West Virginia Code 5-22-1, Article 22, the lowest qualified responsible bidder submitting bid on SBA funded projects must certify that all provisions within this code and SBA provisions that supercede this code have or will be met prior to execution of the construction contract. Failure to comply with these provisions will result in the disqualification of the bidder. The Bid Certification Form (SBA 157) must be submitted within 72 hours of the close of the bid.

XVI. BIDS WITHDRAWAL

Bids may not be withdrawn for a minimum period of thirty (30) days following the date of receipt of Bids without forfeiture of bid security as liquidated damages, not as a penalty. Should the actual bid documents indicate additional time for bid withdrawal, the bid documents shall prevail.

XVII. REJECTION OF BIDS

The Owner shall have the right to reject any or all Bids and to reject a Bid not accompanied by the required bid security, or by other data required by the Bidding Documents, or to reject a Bid which is in any way incomplete or irregular.

XVIII. SUBMITTAL OF SUBCONTRACTORS AND MAJOR EQUIPMENT AND MATERIAL SUPPLIERS

- A. The bidder(s) submitting the lowest qualified bid(s) as determined by the results of the bid opening shall submit a listing of all subcontractors and all major equipment and material suppliers proposed for each major branch of work itemized and described in the contract documents for the project. This information shall be provided to the SBA office on SBA Form #123 within two hours after the completion of the bid opening. If the apparent low bidder is not evident at the close of bidding, all prime contractors must submit the completed SBA Form 123 to the SBA office within two hours of the completion of bids if they feel under any bidding combination their bid may be considered as the low bid. Bidding contractors are required to be present at the bid opening or obtain bid results from the owner in order to determine the bid results and the apparent low bidder(s).
- B. Each bidder is required to establish the reliability and responsibility of all subcontracts and equipment/material suppliers being proposed to perform the work. Contractors, Subcontractors and/or equipment/material suppliers on SBA Probationary Status are prohibited from bidding any SBA project for a period of at least one year from the date the contractor is notified. It is the responsibility of any contractor soliciting bids or quotes from subcontractors to verify the eligibility of all proposed subcontractors and equipment/material suppliers being proposed to perform the work. Additionally, the list of SBA probationary contractors will be provided to the owner by the SBA and this information will be

communicated by the owner to the contractors, when applicable. A review of the proposed subcontractors and equipment/material suppliers shall be conducted by the Architect/Engineer, Owner and representatives of the School Building Authority. The bidder may be requested to change an unsatisfactory subcontractor or equipment/material supplier. Proposed subcontractors or equipment/material suppliers found to be unsatisfactory jointly by the Owner, Architect/Engineer or School Building Authority and the contractor, shall be changed to an acceptable subcontractor or equipment/material supplier at no additional cost to the Owner, as the contractor has full responsibility for execution of the work.

- C. Failure to submit a list of subcontractors and major equipment and material suppliers to the SBA office as described on the SBA Form #123 within two hours after the completion of the bid shall result in disqualification of the bid.
- D. A copy of all contractors and subcontractors licensing certificate must be submitted to the agency receiving bids for review prior to the award of construction contracts.
- E. Prior to the award of the contract, the Architect/Engineer will make a preliminary review of the major equipment and materials lists submitted and advise the bidder through the Owner, of the acceptance thereof, and of such other actions as may be necessary in order to meet the requirements of the contract documents. Should it develop that any of the materials or equipment named in the list do not meet the requirements and intent of the specifications, the contractor shall be required to furnish to the Owner other materials or equipment acceptable and fully complying with the specifications at no change in contract price. Preliminary review and acceptance of the listing provided shall not relieve the Contractor from furnishing equipment and materials in complete accordance with the specifications.
- F. Written approval shall be obtained from the Architect/Engineer covering any substitution of equipment or materials. Substitutions are permitted in the following instances:
 - (1) Failure to meet quality and intent of specification and/or
 - (2) Failure of the supplier or manufacturer to meet delivery schedules or other conditions of the contract.
- G. The Owner reserves the right to reject the proposal of any bidder who fails to furnish all required major equipment and material information.
- H. A financial statement shall be included in the contractor's qualification statement submitted to the SBA by the lowest qualified bidder(s) within 72 hours of the close of the bid opening and prior to the execution of contracts or agreements between the local board of education and the contractor(s). The latest available financial information must be used. Minimum requirements for financial statements are:

- (1) Accountants compilation report;
- (2) Balance sheet;
- (3) Income statement;
- (4) Statement of changes in retained earnings;
- (5) Statement of cash flows; and
- (6) Notes to the financial statement.

- I. The SBA recommends that all general contractors receiving quotations for bids require a scope of work letter from all subcontractors be sent to the general contractor receiving the quotation at least 24 hours before submission of the bid. The letter should identify the items being quoted and, most importantly, the scope of work included or not included in the price quotation that will be provided. The SBA will not allow a subcontractor to change or alter the bid after the bid opening as a result of miscommunication between the general contractor and subcontractors or supplier quoting the project.

XIX Payroll Certification and Employment Reporting:

- ~~J~~ A. In preparation of bids, contractors are reminded that all SBA projects are subject to state laws regarding payment of prevailing wage rates as in Chapter 21 of the West Virginia Code.
- ~~K~~ B. All contractors and subcontractors shall pay West Virginia Department of Labor fair minimum rate of wages for the county in which the work of this contract is performed. The term "fair minimum rate of wages" shall be set forth in 21-5A-3 of the West Virginia Code. The SBA's requirement for submission of certified payrolls, supercedes the requirements of current state law. The SBA requires that a certified payroll be submitted with each contractor's pay application using U.S. Department of Labor Form WH-347 (formerly DOL 184). Contractors may provide this information in an alternative format provided all required information on the WH-347 is included on the alternative document. Each certified payroll must include names, addresses and social security numbers of all workers, including those of any subcontractors, in order to assure compliance with West Virginia's prevailing wage laws and the SBA's Supplemental, General and Special Conditions. Upon request, counties will be required to submit the certified payroll report to the SBA for review.
- ~~L~~ C. All contractors and subcontractors must comply with the "West Virginia Jobs Act" requirements found in Chapter 21, Article 1C of the West Virginia Code and all Department of Labor regulations.
- ~~M~~ D. In accordance with West Virginia Code 18-5-15c, contractors or their employees may not make direct, unaccompanied contact with students or access school grounds unaccompanied when students are present if it cannot be verified that the contractors or employees have not previously been convicted of a qualifying child abuse, child neglect or child assault offense, as defined in section two, article

twelve, chapter fifteen of WV Code. A contractor is defined as any vendor, individual or entity under contract with a county school board for services. County school boards may require contractors and service providers to verify the criminal records of their employees before granting the above mentioned contact or access to the construction site. If the county board requires the verification of previous convictions for qualifying offenses, this requirement will be delineated within the bidding documents. Where prior written consent is obtained, county school boards may obtain information from the Central Abuse Registry regarding contractors and service providers. Where a contractor or service provider gives his or her prior written consent, the county school board also may share information provided by the Central Abuse Registry with other county school boards of education.

- E. The successful low bid prime contractor and all subcontractors performing work on the project shall comply with the latest West Virginia Code chapter 21 article 1B-1-8 regarding verification of the legal employment status of workers. All contractors shall maintain records verifying the legal status of workers and shall, upon request by the Commissioner of Labor, surrender all employee records for verification of their legal status. If upon examination of records, the Commissioner determines that a contractor has been convicted of a third offense or subsequent offense under the provisions of this code, the Commissioner may enter and order that imposes disciplinary action as provided for in article 21-1B-7 of the West Virginia Code.

XIX. CONTRACTOR QUALIFICATION AND FINANCIAL STATEMENT

A completed Contractor Qualification Statement will be required of any Contractor and/or subcontractor to be submitted to the School Building Authority for review. This confidential information will be used by the SBA for evaluation of the low bid contractors on the project. The contractor qualification statement will only be required once annually and updated documents will be required from low bid contractors once the current contractor qualification statement has expired. The Qualification Statement must be submitted 72 hours after the close of the bid opening and prior to the award of bids and will be used in the bid review process by the owner and SBA.

The confidential reviewed financial statement section of this document shall be required of the lowest qualified bidder(s) being considered for award of the contract. In addition to the financial statement, the successful low bid contractor(s) shall submit a completed Affidavit of Debt Paid (SBA Form 177) to the owner and SBA within 72 hours of the close of the bid.

Construction contractors or subcontractors or equipment/material suppliers whose demonstrated pattern of poor and/or non-compliant work performance has been documented by the SBA, project administrators and/or designers, or whose infractions of the State Prevailing Wage Rate codes has been documented by multiple citations from

the West Virginia Department of Labor or whose contract has been terminated for just cause as described in the latest SBA approved AIA Contract Document A201 or A201/CMA General Conditions, Article 14, Section 14.2 will be placed on probation and prohibited from bidding any additional projects funded by the SBA for a minimum period of one year beginning at the time of probationary status. Such contractor may be removed from probationary status pending review of their continued work history performance by the SBA at the conclusion of their probationary period.

In order to provide opportunity for any contracting, subcontracting or equipment/material firm cited for poor or non-compliant work to appreciably improve the quality of their performance prior to being placed on probation, the SBA staff will utilize the following procedure:

- a. The cited firm shall be noticed in writing of the SBA's concern, with appropriate documentation to illustrate the poor or non-compliant work, and advise the firm as to the possibility of being placed on probation.
- b. Upon continued poor/non-compliant work performance, the firm cited shall appear before the Executive Director of the SBA to present his reasons for failure to respond positively with improved performance after the initial notice.
- c. Continued failure to improve poor or non-compliant performance will result in the probation. The contractor will be invited to appear at the SBA meeting to discuss the citations and justify his uninterrupted participation.
- d. Probationary status of a firm may be revoked or continued by the SBA's Construction Committee upon review and deliberation of any SBA staff recommendation at the conclusion of the probationary period.

XXI. AWARD OF CONTRACT

- A. It is the intent of the Owner to award a Contract to the lowest responsible Bidder provided the Bid has been submitted in accordance with the requirements of the Bidding Documents and does not exceed the funds available. The Owner shall have the right to accept the Bid or Bids which, in his judgment, is in his own best interest.
- B. The Bidder will note that Bids consist of the Base Bid and several related add or deduct Alternate items, all comprising items entering into the project and forming the contract as a whole.
- C. These several parts of the Proposal furnish the basis of arriving at the awarding of the contract. The Owner may award the contract on the basis of the Base Bid alone, or if and when conditions warrant, accept such Alternate items appearing on the proposal, thereby reducing or increasing the amount of the Base Bid.
- D. The contract shall be deemed as having been awarded when formal notice of award has been duly served upon the intended awardee (i.e., the bidder to whom the Owner contemplates awarding the contract) by an authorized individual representing the agency receiving bids. Terms of the contract shall not be deemed

to have been perfected until a satisfactory surety bond equal to 100% of the contract sum has been furnished to the owner by the successful bidder, at his own expense as a guarantee of contract performance.

XXII. PROJECT JOB SIGNS & BUILDING PLAQUES

All SBA funded projects and major improvement funded projects shall have project job signs erected at the construction site. Project signs must be visible and readable from highways. Specific information will be provided by the SBA to be included on the sign. Additional project information may be required or desirable. A sample of a typical project sign is provided within this document for both "Needs" (SBA 168) and "MIP" (SBA 169) funded projects. Construction details are provided within the contract documents.

Upon completion of any major SBA funded project of \$1 million or more, the architect shall design a building plaque for display in a prominent public area of the school. This plaque shall minimally include:

- (1) The name of the Governor;
- (2) The names of the President of the Senate and the Speaker of the House;
- (3) The members of the SBA;
- (4) The superintendent of schools, and
- (5) The members of the local board.

The SBA will be contacted for appropriate information to be included and final approval of the plaque design before its production. An example of a typical project plaque is included within this document. (SBA 170)

XXIII. SBA PROJECT OBSERVATION

- A. The School Building Authority reserves the right to visit projects at intervals deemed necessary to observe the progress of the construction. The SBA field representative shall have such responsibilities as the SBA may delegate.
- B. The responsible contractor shall notify the SBA office two weeks in advance of:
 1. The Testing, Adjusting & Balancing of the HVAC system,
 2. The training of the county maintenance and custodial personnel on new building components and
 3. The scheduled punch list walk-thru of the new or renovated school.
- C. The School Building Authority reserves the right to review all Contractors Applications for Payment and request additional documentation to substantiate the request and in cooperation with the owner make adjustments as deemed appropriate.

XXIII~~V~~. CONTRACTOR PROJECT CLOSE-OUT

Immediately prior to final Application for Payment, the Contractor shall submit the following documents:

- ~~(1) Contractor's Affidavit of Payment of Debts and Claims (AIA Document G706)~~
- ~~(2) Contractor's Affidavit of Release of Liens (AIA Document G706A)~~
- ~~(3) Consent of Surety Company to Final Payment (AIA Document G707) with effectively dated powers of attorney attached.~~
- ~~(4) Bound and indexed Operation and Maintenance Manuals~~
- ~~(5) Certificate of Insurance (AIA Document G705) covering required/specified products and completed operation~~
- ~~(6) One complete set of reproducible as built drawings; specifications and change orders in good order and clearly marked to show installation of work where the actual installation varies substantially from the work as originally shown~~
- ~~(7) Certificate of Release from the Department of Tax and Revenue stating all appropriate taxes have been paid~~
- ~~(8) Submittal of SBA Form 159 "Verification of HVAC Training" with all appropriate signatures~~

A. Provide at Project Close-out the following documentation, but not limited to:

1. Contractor's Affidavit of Payment of Debts and Claims (AIA G706)
 2. Contractor's Affidavit of Release of Liens (AIA G706A)
 3. Consent of Surety Company to Final Payment (AIA G707)
 4. Confirmation of Receiving Operation and Maintenance Manuals and As-Built Drawings and Specifications
 5. Certificate of Insurance (Acord Form and AIA G715) Covering required/specified products and completed operation
 6. Certificate of Release from the Department of Tax and Revenue stating all appropriate taxes have been paid
 7. SBA Certificate of Project Completion – For lump sum projects use "WVDE BP-13-A" and for multiple prime contract projects use "SBA 139." Both of these forms are found in the SBA Guidelines and Procedures Handbook (Appendix J). These Forms should be filled out and signed by the local board of education then forwarded to the contractor and the architect and engineer for signing
 8. Verification from the Owner (county superintendent) that all Owner training required by the contract documents has been conducted (SBA 159)
 9. Contractor Evaluation Form (SBA 124)
 10. Architect/Engineer Evaluation form (SBA 135)
 11. Fire Marshall's Certificate of Occupancy
 12. SBA Certificate of Occupancy
 13. Affidavit of Debt Paid (SBA 177)
 14. Notification of 11th month walkthrough date
 15. Electronic & Hard copy of diagrammatic floor plan of new or renovated schools.
- Provide the following items:

- a. One line drawing of floor plans including only diagrammatic walls, exiting, doors and windows, existing school
 - b. One line drawing with all school access safety data (submit electronic file to Office of Homeland Security)
 - c. One line drawing including only walls, doors, windows, room number/names and color coded HVAC zones with multi-zone equipment located in the HVAC zone
 - 16. Provide a Final TAB report
 - 17. Provide Final Commissioning Report when applicable
 - 18. Prepare quality training videos
- B. County boards of education, before accepting the HVAC contractor's work, shall receive complete training regarding the operation and maintenance of the mechanical equipment and building controls. Training shall be completed prior to occupying the building. There shall also be a one (1) day follow-up training in six months or during the succeeding heating/cooling season after the facility has been occupied to insure training on both heating and cooling operations of the system. Where specified, the installation contractor shall provide two year maintenance and operations for HVAC equipment and other components as described in the bidding documents. The State Department of Education's HVAC Technicians shall be notified of the date and location of any and all training sessions in order to assure its ability to fulfill their responsibilities as delineated in WV Code 18-9E-3(F) & (G). At the conclusion of the training, the grant recipient shall submit the verification of HVAC Training Form (SBA Form 159) to the SBA office.
- C. The SBA shall be notified of the dates and time of substantial and final completion walk-through inspections by the grant recipient. An SBA representative will participate in the walk-thru and will accept or reject the contract as completed. A completed WVDE BP-13-A or when required and SBA Form 139 will be forwarded to the State Department of Education and the SBA when all punch list items have been satisfactorily addressed and the contract is complete. The local board project representative shall also submit a completed Contractor and Architect Evaluation Forms (SBA Form 124). Final payment for the contract will then be processed.

XXIV. ASBESTOS ABATEMENT REQUIREMENTS (If Required)

- A. Contractor/vendors must show proof of having successfully completed an EPA approved training course. All certification must be current.
- B. Contractor/workers must be licensed by the State of West Virginia to perform any or all types of asbestos inspection, project designing, management planning, contracting, abatement, supervision of abatement and air monitoring.
- C. All contractors/vendors performing work using School Building Authority funding shall comply with all applicable codes and standards including but not limited to the requirement of:

Environmental Protection Agency (EPA)
Occupational Safety and Health Administration (OSHA)
Environmental Protection Agency Worker Protection Laws
National Emission Standards for Hazardous Air Pollutants (NESHAP)
Asbestos Hazard Emergency Response Act (AHERA)
West Virginia Department of Health
West Virginia Department of Natural Resources
West Virginia Air Pollution Control Commission

- D. At the completion of all asbestos abatement projects and before final payment will be processed by the SBA, the local board of education, the abatement designer and abatement contractor must provide written assurances that all abatement work has been performed in accordance with all applicable codes. All AHERA required close-out documentation must be on file at the owner's office and must be made available to the SBA for review.

**XXVI. HEAT, VENTILATING AND AIR-CONDITIONING
TEST, ADJUSTING AND BALANCING REQUIREMENT AND
COMMISSIONING**

- A. The HVAC Testing, Adjusting and Balancing (TAB) agent shall be certified according to the procedures contained in the Associated Air Balance Council National Standards, the National Environmental Balancing Bureau procedural standards and the Environmental Engineering Consultants standards for testing, adjusting and balancing. The TAB agent shall be under direct contract with and directly represent the building owner. The TAB contractor shall coordinate the earliest start date as well as partial and final completion schedule for each area of the building with the mechanical contractor and provide this information to the owner, architect and SBA. The TAB contractor shall complete the testing, adjusting and balancing in each area of the building within 30 days of the earliest start date. The owner will consider the start and completion dates prior to the award of the contract and award the contract based on the cost proposal and completion schedule. The successful TAB contractor shall provide two weeks advance notice to the mechanical contractor, owner, architect and SBA prior to each area being tested.
- B. HVAC commissioning shall be performed on new schools and projects where the complete HVAC system is replaced. The construction documents shall determine the extent of the commissioning services for the project. Commissioning shall be performed by a separate contract and be an agent of the grant recipient. The commissioning will not negate the use of an independent testing, adjusting and balancing (TAB) agent as required by West Virginia code. The design engineer, HVAC contractor, commissioning engineer and TAB contractor shall coordinate the final installation of the HVAC system and controls. The bidding documents shall coordinate the work of all entities. See the SBA Quality and Performance

Standards for the recommended areas of the building to be commissioned and the commissioning agent qualifications. The scope of the commissioning engineers contract and the scope of the commissioning will be defined by the project design conditions.

sbasuppgenspecial
Revised 6/09
Revised 6/11

SBA Criteria for Selection of Lowest Qualified Bidders Award of Bids

Pursuant to the laws of the State of West Virginia, the School Building Authority of West Virginia must award bids only to the lowest qualified bidder. Therefore, when utilizing any portion of state funds for a project, county boards of education must consider the following factors, and the information from the Contractors Qualification Statement, when making a determination as to whether a contractor's bid is not only the lowest, but the most qualified.

1. The years of experience the bidder has in the construction, renovation or building repair business.
2. The bidder's participation in a drug program that meets the objectives, applicable laws and regulations for a drug free workplace including the use of tobacco and alcohol on school properties.
3. The continuity, experience and skill of the bidder's work force and that of the bidder's designated subcontractors.
4. The bidder's performance on similar construction projects.
5. The bidder's ability to successfully complete projects within the proposed schedules and deadlines.
6. The bidder's participation in a bonafide joint apprenticeship program that is approved by the US Department of Labor, US Bureau of Apprenticeship Training and is administered in compliance with the rules and regulations of the WV Department of Labor. [See DOL 42-7-3.1(i)]
7. The bidder's history of compliance with Worker's Compensation and Unemployment Compensation laws.
8. The bidder's history of compliance with OSHA requirements.
9. The bidder's history of compliance with Federal and State Prevailing Wage as well as Fair Labor Standards and Wage Payment laws.
10. The bidder's subcontractors compliance with state regulatory agencies.
11. The bidder's history of compliance with fringe benefit contributions, i.e., health insurance and pension benefits.
12. The bidder's local hiring plan and history of compliance with the WV Jobs Act, (WV Code, Chapter 21, Article 1C) regarding use of the local labor market.
13. The bonding record of the bidder.

14. The bidder's participation as a party in any legal action where an awarded liability could negatively impact the ability of the bidder to complete this project.
15. The bidder's financial stability and its impact on the company's ability to complete the project.
16. The bidder can demonstrate it is not in default on a debt to the State or its political subdivision in aggregate more than \$1,000.
17. The bidder's history of change order requests.
18. Response from bidder's references and recommendations of other owners for whom the bidder has worked.

All of the above factors, as supported by the accompanying Contractors_Qualification Statement, will be considered by the county board of education in determining the "best" most qualified bid. No single criteria will be considered the controlling factor in determining whether a bid is, or is not the "best" bid.

(Revised 6/09)

awardofbids

School Access Safety Plan

General

The Governor has introduced legislation that will create a School Access Safety Fund that will be managed by the School Building Authority of West Virginia. This new legislation will provide funding for School Access Safety Improvements for schools in West Virginia. To qualify for School Access Safety Funding, each county board of education shall develop a School Access Safety Plan. The plan must be incorporated into the county CEFP. An approved School Access Safety Plan is required prior to the distribution of state funds for a project pursuant to the requirement of West Virginia Code Chapter 18-9F.

The School Access Safety Plan shall be prepared in consultation with the Countywide Council on Productive and Safe Schools. Once completed, the School Access Safety Plan shall be submitted to the School Building Authority for review and approval in order to qualify for School Access Safety funding. The plan shall be amended annually to summarize activities and to identify progress being made on projects in the plan. The School Access Safety Plan shall become part of the county comprehensive educational facilities plan and together address the safety upgrading of existing facilities and equipment, building systems, utilities and other similar items in connection with improving the overall access safety and security of the facility. Projects must directly address planning, deterrence, detection, delay and communication issues associated with the ingress and egress of pupils, school employees, parents, visitors and emergency personnel at the schools.

A School Access Safety Audit will be performed and become an integral part of the plan. The SBA approved audit format must be used. The audit must be performed prior to formulating the School Access Safety Plan to establish a basis for current conditions and formulation of the plan. In so doing, both short and long term effects of building access safety improvements will be considered.

School Access Safety funding shall be provided by the Authority on the basis of net enrollment and the efficient use of state funds for school access safety improvement projects. In order to secure School Access Safety funding, an amount equal to or exceeding 15% of the funding available to the county as a local match will be required. Should a county board feel it cannot fulfill the 15% local match requirement, the county board of education may submit a financial hardship waiver request to the Department of Education for review and consideration. Upon review and approval of the request by the State Board of Education, the Authority shall waive the local match requirement and distribute the funding upon approval of the School Access Safety project by the Authority.

Each county board will be notified on or before May 1 of each year as to the availability of School Access Safety funds. With this notification, the amount of funding and timeline for project submission will be provided. A county board of education may use up to twenty percent (20%) of the allotted Safe and Drug Free Schools (Title IV) funds as part of the 15% required local matching funds. Additional Title IV funding may be used to provide training for staff and

students as outlined in the Title IV Section of the County Five Year Strategic Plan and approved by the West Virginia Department of Education.

All projects submitted to the Authority for funding consideration must be compatible with the county Comprehensive Educational Facilities Plan goals and objectives as well as the overall goals of the Authority and the School Access Safety Plan.

Funding will **NOT** be distributed to any county board that does not have an approved School Access Safety Plan, does not have the 15% matching funds available and is not prepared to commence expenditure of funds during the fiscal year in which the moneys are distributed. If a hardship waiver is approved, the 15% matching funds will not be required.

Grant funds allocated to a county board and not distributed shall be available for a period of one year. To encourage county boards to proceed promptly with School Access Safety Planning and the expenditure of School Access Safety funding, the SBA will require that approved grant funds be expended within one year of the allocation. Should extenuating circumstances exist, as determined by the SBA, that would prevent the county board from expending the funding within the one year, the SBA may authorize an extension beyond the one year for a period not to exceed six months. Any funds forfeited shall be added to the total funds available for all counties in the School Access Safety Fund of the Authority for future allocation and distribution.

I. SCHOOL ACCESS SAFETY PLAN

The School Access Safety Plan shall include the recommendations and guidelines developed by the Countywide Council along with the county board's assessment of the improvements necessary to improve school access safety. The plan shall address the access safety needs of all school facilities and include a projected school access safety repair and renovation schedule. The plan must be approved by the SBA prior to the distribution of state funds. The plan shall minimally include the key elements referenced in Item I, A-J. Initially, the School Access Safety Plan must be submitted to the SBA for review and approval prior to submitting projects.

Key elements of the School Access Safety Plan include:

- A. Goals and Objectives of the School Access Safety Plan
- B. School Access Safety Audit
- C. Countywide Inventory of Each Facility and Associated Reporting
- D. Identification of a School Safety and Security Committee
- E. Training/Drills for Staff and Students
- F. Summary of Projects within the Plan
- G. Finance Plan
- H. Annual Update
- I. Objective Evaluation of the Implementation of the School Access Safety Plan
- J. New School Design Recommendations

The SBA will require the School Access Safety Audit be addressed first, and once completed, the audit will be required to be submitted to the SBA for review and approval prior to proceeding with the remainder of the plan. A preliminary plan and plan outline must then be submitted to the SBA office for review and comment to insure the plan contains all key elements identified in the plan outline. This process is a prerequisite to qualifying for School Access Safety funding. The preliminary plan shall also include the name and contact information for the Countywide Council on Safe and Productive Schools and the contact information for the members of the School Safety and Security Committee. Each preliminary plan must include a uniform emergency management policy that describes the county's notification procedures to be followed in the event of an emergency at each school. It will also include an example of signage to be prominently displayed at each school giving the procedures to follow in the event of an emergency as well as contact numbers for emergency assistance. The preliminary plan will be reviewed by the SBA and comments will be provided that will direct the county to continue on the basis of the approval of the preliminary plan or to address additional SBA comments and resubmit the preliminary plan for a second review.

The School Building Authority staff will evaluate the final School Access Safety Plan and recommend approval to the members of the Authority. Once the plans are approved, the county board will submit the list of projects anticipated each funding cycle to the Authority for funding consideration. The Authority will consider whether the proposed projects are in furtherance of the School Access Safety Plan and in compliance with the guidelines established by the Authority. Consideration will also be given by the Authority as to whether the project will assure the prudent and resourceful expenditure of state funds, whether the project advances student health and safety, if the project addresses regularly scheduled preventive maintenance or updates of existing access safety equipment or building components. Each county board receiving funds pursuant to this article shall conduct an annual on-site inspection and submit an audit review to the State Board of Education. The inspection shall be conducted in accordance with the provisions of the Department of Education's Handbook on Planning School Facilities.

II. DETAILED REQUIREMENTS FOR EACH SECTION OF THE SCHOOL ACCESS SAFETY PLAN

A. Goals and Objectives of the School Access Safety Plan

Each county board of education qualifying for School Access Safety funding shall formulate goals and objectives to be accomplished by the School Access Safety plan. The goals and objectives shall reflect an objective means to resolve deficiencies cited within the School Access Safety Audit. While it may be impossible to prevent intruders in schools, it is incumbent upon school administrators to implement policies and procedures that will deter, detect, and delay unauthorized persons attempting to enter school property. Should an intruder gain access, an effective means of communicating to students, staff, the West Virginia State Police, local law enforcement officials and the community must be developed. Based on these basic assumptions, the following must be addressed within the plan:

1. Site Security

- a. Limiting, where possible, access to school sites
- b. Elimination of visual barriers blocking views to entrance driveways and pedestrian walkways
- c. Signage
- d. Structural barriers to control vehicle access to student gathering areas and building entrances
- e. Preparation of diagrammatic school plans that illustrate site utility locations, play areas, parking, bus loading areas, building locations with entrances labeled
- f. Sharing informational strategies with law enforcement
- g. Implementing, where possible, a closed campus program to help protect students and staff at the school

2. Building Security

- a. Controlling access from pre-assigned entrances to the remainder of the school
- b. Establishing a controlled point of entrance at pre-assigned doors
- c. Establishing visitor monitoring and identification process
- d. Provide security for primary and secondary entrances
- e. Monitoring entrances and controlling visitor entrances
- f. Identification of all door entrances (numbering inside & outside)
- g. Upgrading doors and hardware
- h. Installation of alarm systems
- i. Installation of two-way communication capability
- j. Providing diagrammatic layouts of the building that indicate all rooms with room numbers, interior and exterior doors with door numbers and the direction of the door swing, main utility shut-offs and other pertinent information that would be provided to emergency management personnel should they be needed at the school. Additionally, the building common areas should be color coded to allow quick identification and all school safety signage should match the color code of the common area.

3. Communication

- a. Establish two-way communication between administrative areas and classrooms
- b. Establish notification procedures between school and local law enforcement
- c. Establish protocol for shelter in place and building lockdown should an intruder enter the building
- d. Consent from the Countywide Council and advise council on productive and safe schools

- e. Establish an evacuation plan for each facility and communicate the plan to school staff and parents.

B. School Access Safety Audit

- 1. Each county will be responsible for conducting an audit to review the current state of access safety in all schools prior to preparing the School Access Safety Plan. The School Access Safety Audit shall be performed using the SBA approved audit format. The audit will help identify school access safety deficiencies and help the school access safety committee begin to formulate the basis of the School Access Safety Plan. Based on this information and the goals and objectives of the plan, a list of priority projects that will improve and control access to schools can be formulated.

This audit, at a minimum will:

- a. Establish procedures for identifying problems and recommending solutions for school access safety deficiencies
- b. Evaluate current deterrents that discourage, hinder or impede intruders from entering school buildings and grounds
- c. Inventory existing detection and control devices and alarm systems
- d. Evaluate current physical barriers that slow and impede unauthorized acts once detected
- e. Identify improvements necessary to existing communication equipment
- f. Establish a chain of command at the school and county level for effective communications with the local school, county and emergency management and law enforcement agencies.

C. Countywide Inventory of Each Facility and Associated Reporting

- 1. Each county board shall provide an estimate of probable cost to correct identified deficiencies using the School Access Safety Repair and Renovation Schedule. The individual school costs shall be amended into the current CEFPP Finance Plan and recorded as a separate total dollar amount for each school. These deficiencies and costs will be reviewed annually and updated as a part of the local board annual update report provided to the SBA and the State Department of Education. The audit must also be included in the plan and performed in cooperation with local law enforcement and emergency services. Copies of the audit including building name, address and number of students and staff must be provided. A building diagram must be provided to the West Virginia State Police, local law enforcement, the Department of Military Affairs and Public Safety, Division of Homeland Security and Emergency Management, West Virginia Department of Education, Office of School Facilities and the State Fire Marshal's Office in an electronic format. Include a chain of command list of individuals at the school and county level along with phone numbers. The diagrams must include the current room layouts, location of windows, doors (with swing direction) and all utility entrances and shutoffs. All new school (and existing schools, if available)

as-built drawings must be secured in a central location identified in the School Access Safety Plan and must be available to emergency responders upon request. The Department of Education will verify the location and condition of the as-built drawings for all new schools during their annual maintenance and custodial reviews and report their findings to the SBA office.

2. A countywide inventory of each school facility's interior and exterior classroom and administrative doors shall be performed. The inventory shall include:
 - a. The number of controlled points of ingress to the school.
 - b. The number and placement of exterior doors and windows.
 - c. The inventory and condition of all monitoring systems on exterior doors.
 - d. The location and condition of automated locking devices.
 - e. The availability of two way communication between points of ingress to the school.
 - f. The availability of alarm hardware and/or remote visitor access systems on points of ingress.
3. The following reports must be included within the plan:
 - a. A copy of the current statute of school crime committed on school grounds.
 - b. A projected school access safety repair and renovation schedule for all schools.
 - c. A prioritization process for all projects in the plan.
 - d. An itemized cost summary for recommended improvements.
 - e. A regularly scheduled preventive maintenance plan for safety and security equipment.

D. Identification of a School Safety and Security Committee

Each school shall have a School Safety Committee that will meet at least annually to review matters of school safety and make recommendations for the improvements of school access safety at the school and community level. The committee shall be made up of members of the school administration, teaching staff, school counseling staff, if available, student representation (at the secondary level, only), a Local School Improvement Council representative, a parent representative, the West Virginia State Police, local law enforcement, local emergency services and the community at large. The local School Safety Committee will prepare a baseline audit and provide an annual report based on their inspection of the facility to the superintendent regarding school safety and security on or before October 1 of each school year. The report will include a summary of the school access safety projects completed or in progress and the committee's assessment of the project's effectiveness. The committee will review the school safety needs as they relate to the existing School Access Safety Plan and make recommendations for amendments to the plan. The superintendent and staff will review the committee recommendations and recommend amendments to the plan, if required. The annual update to the plan provided to the SBA and the State Board of Education will reflect proposed new projects, completed projects and/or amended projects in the plan.

E. Training/Drills for Staff and Students

The School Access Safety Plan for each school and the School Safety Committee recommendations shall be reviewed during the local school improvement council meetings at least annually or as items for discussion occurs. Schools are encouraged to cooperate with other schools to provide staff training regarding school access safety. All teachers and administrators should be aware of the county policies regarding school safety. Students should be provided with age appropriate training regarding the procedure they should follow in the event of an emergency. Additionally, the student code of conduct established by the county should be reviewed by the school staff and the school safety committee. Student and parental responsibilities regarding the prevention of harassment, intimidation and bullying in schools should be reviewed and updated annually. To assist with this process, county boards must comply with State Board of Education Policy 4373. The Anti-Bullying Audit (SBA 174) must be completed and included in the School Access Safety Plan. Local boards should solicit the West Virginia State Police, local law enforcement and emergency service trainers to advise teacher and students regarding their participation in the overall improvement of school access safety. Scheduled lockdown drills and communication capabilities in cooperation with local law enforcement are also encouraged to prepare students and staff for unauthorized intrusion on school property, should measures fail. Existing school safety training may be used to fulfill these requirements; however, school access training derived from input of the School Access Safety Audit must be incorporated into the training.

F. Summary of Projects within the Plan

The School Access Safety Audit will identify deficiencies at each facility with regards to school access safety. Projects proposed in the plan will be identified for each facility and the estimate of probable cost will be provided. Initially, the project costs will be listed on a separate document and placed in the School Access Safety Plan section incorporated into the countywide comprehensive educational facilities plan (CEFP). Approved expenditures include the cost of equipment, machinery, installation of utilities, necessary renovation and attention to existing facilities, design fees and associated costs for building improvement packages directly related to the project. Alterations to ingress and egress must meet all building codes including West Virginia Fire Code and Life Safety Code 101 and must be approved by the State Fire Marshal. Professional architectural and engineering services may also be required when substantial building alterations are planned to improve the school access safety. All projects identified in the plan will be prioritized using the prioritization process within the existing county CEFP. The SBA School Access Safety Repair and Renovation Schedule will be used to identify projects at each school. The project cost summary sheet must also identify all funding sources proposed for each project.

At the conclusion of the 2000-2010 planning cycle, the School Access Safety Plan projects will be incorporated into the 2010-2020 CEFP and will then be included along with other improvement projects in the plan on the School Improvement Cost Summary sheets. School Access Safety projects will be identified on the Cost Summary Sheet.

Each project within the plan must further the overall goals of the School Access Safety Plan and the goals and objectives of the School Building Authority.

G. Finance Plan

Initially, the finance plan for the School Access Safety Plan will be included in a separate chapter of the countywide CEF. This information will be incorporated into the finance plan for the new ten-year CEF beginning with the 2010-2020 planning cycle and thereafter. The SBA School Access Safety Repair and Renovation Schedule will be used to identify projects, priorities, completion dates, costs and funding sources in the finance plan. A cost summary of each implemented project along with the identified funding source(s) must be provided, including the required local matching funds. The summary of the School Access Safety Plan cost should total the individual project cost totals including all soft costs, where applicable.

H. Annual Update

Each county board shall provide the SBA an annual update of the progress on the plan. The update shall be incorporated into the county's CEF Annual Update and shall include a list of completed School Access Safety Plan projects and a list of proposed projects. School Access Safety diagrams must also be updated annually if there are structural changes made in the school. This will require annual reviews by the county facility personnel to insure accurate building information is always available to emergency responders. Should there be new projects and the plan requires amendments, the SBA/SDE amendment procedures must be followed. Additionally, the annual update should include amendment information that relates to the new projects. The SBA School Access Repair and Renovation Schedule must be used to record the projects initially and updated annually as required.

I. Objective Evaluation of the Implementation of the School Access Safety Plan

The School Access Safety Plan shall include an objective means to be utilized in evaluating the implementation and effectiveness of the plan and each project included in the plan. The evaluation shall measure how:

1. Each project furthers the goals and objectives established for the plan,
2. Completed projects within the plan contribute to improving school access safety, and
3. The School Access Safety training and drills help prepare students and staff for emergency response to intruders in the school.

J. New School Design Recommendations

Where SBA funding is provided for the design and construction, all new schools shall be designed and constructed using Crime Prevention Through Environmental Design (CPTED) concepts that also address School Access Safety. Additionally, when major additions and renovations occur at existing schools these same design concepts must be

incorporated into the project scope of work. The School Access Safety design issues identified in the School Access Safety Audit must also be incorporated into new school designs. Local law enforcement and emergency services officials should be consulted during the planning phase of the new school design to provide input regarding emergency services. All school designs must be submitted to the SBA for review and comment as provided for in the SBA Guidelines and Procedures Manual.

K. School Design Updates

The State Office of Homeland Security maintains digital mapping and vulnerability and risk assessments for all schools. As a result, all West Virginia schools are being evaluated and mapped in accordance with provision of the Division of Military Affairs and Public Safety (DMAPS) and the State Office of Homeland Security. Funding has been provided for the initial survey and mapping. However, this program will only be effective if the building design characteristics are kept current. Therefore, it will be the county board of education's responsibility to update the building designs when they are altered from the design in place when the initial survey occurred. As a part of the CEFPP annual update, counties are required to provide assurances that building design alterations that materially affect the building area, layout or change the initial data collected by the digital mapping is changed. This information shall be forwarded to the State Office of Homeland Security upon completion of the project and provided annually for all other school remodeling.

III. SBA REVIEW OF SCHOOL ACCESS SAFETY PROJECTS

As funding becomes available, the SBA will notify county boards of the submission schedule for projects. The amount of funding for each county will be provided to allow counties to match their project scope of work with the funding available. The SBA will review each project based on the following:

1. How the School Access Safety Project advances student health and safety needs;
2. How the School Access Safety Project will assure prudent and resourceful expenditure of state funds, and
3. How the project furthers the overall goals and objectives of the School Access Safety Plan, the county board's comprehensive educational facilities plan and the overall goals and objectives of the SBA.

SBA 104

EXHIBIT A-1

EXHIBIT A-2

EXHIBIT B

EXHIBIT C

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
PROJECT DESCRIPTION AND FINANCE PLAN
EXHIBIT A-1

COUNTY _____

DATE OF GRANT _____

PROJECT NUMBER
SCHOOL FACILITY AND
ESTIMATED COST:

XX-XXX-XXX

\$0.00

DESCRIPTION OF PROJECT:

REVENUE SOURCES:

	<u>Amount</u>	<u>Percentage</u>
Current School Construction Fund Allocations – FY _____	0.00	0.00%
<u>School Construction Fund Allocation – FY _____</u>	<u>0.00</u>	<u>0.00%</u>
Local Funds	<u>0.00</u>	<u>0.00%</u>
TOTAL FINANCE PLAN	<u>\$0.00</u>	<u>0.00%</u>

PROJECT DEVELOPMENT SCHEDULE EXHIBIT A-2

High School /Design Build Schedule

Milestone	Timeframe (months)
1. Planning and schematic design (1)	6 <u>3</u>
2. Schematic design	<u>2.5</u>
2 3. Design development & technology plan	4 <u>5</u>
3 4. Bidding documents	4 <u>3.5</u>
5. Bidding and contract award	<u>1</u>
4 6. Construction (2)	22 <u>21</u>
Total Time	36

Middle School/Design Build Schedule

Milestone	Timeframe (months)
1. Planning and schematic design (1)	6 <u>3</u>
2. Schematic design	<u>2.5</u>
2 3. Design development & technology plan	4 <u>5</u>
3 4. Bidding documents	4 <u>3.5</u>
5. Bidding and contract award	<u>1</u>
4 6. Construction (2)	18
Total Time	32 <u>33</u>

Elementary School/Design Build Schedule

Milestone	Timeframe (months)
1. Planning and schematic design (1)	6 <u>3</u>
2. Schematic design	<u>2</u>
2 3. Design development & technology plan	2 <u>4</u>
3 4. Bidding documents	4 <u>3</u>
5. Bidding and contract award	<u>1</u>
4 6. Construction (2)	14
Total Time	26 <u>27</u>

Note (1) The project development schedule begins with the SBA notice of grant award. It is imperative that the project move forward based on the schedule provided. To meet the critical timelines, you will be required to have all planning, design, and when applicable, construction management professionals under contract and the educational program of space completed within 90 days of the grant award notice. The scope and complexity of each project will be considered and the development schedule will be adjusted to reflect greater or less planning and design time as determined by the SBA. Submission requirements for items 1-4 are provided on SBA Form 176 A-E in the SBA Policy and Procedure Manual. If the project is delayed at any phase at the county level as a result of timelines not being met, the SBA will require the grant recipients to pay the delay costs based on the current annual construction inflation rate, prorated over the number of months the project is delayed. Design Build project schedules will be adjusted to comply with the requirements of code and SBA Design/Build Policy. Major addition and renovation project schedules will be established jointly with the grant recipient, project architect or design builder and the SBA based on the size and complexity of the project.

Note (2) Unless approved by the SBA, the construction timeline for a lump sum contract will be dictated by the completion days provided by the contractors within the bid. The construction timeframes indicated above are approximate.

exhibit a-2 Revised 6/11

**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
EXHIBIT B
REQUISITION FORM**

COUNTY: _____ DATE: _____

SUBMIT TO:

United National Bank
P.O. Box 393
Charleston, WV 25392
Attention: Kathy Smith

SUBMIT TO:

School Building Authority of West Virginia
2300 Kanawha Boulevard, East
Charleston, WV 25311-2306
Attention: Garry Stewart

You are authorized to make the following disbursement from the School Building Authority of West Virginia Project Fund (the AFund@) maintained under that certain Depository Agreement dated February 15, 1990 by and between the School Building Authority of West Virginia and United National Bank, as Depository.

- (1) County Account: _____
- (2) Requisition Number: _____
- (3) Name of School: _____
- (4) SBA Project Number: _____
- (5) Name and Address of Payee:
(Co. Bd. Of Ed. Or RESA) _____

- (6) Amount:
(Total all invoices) _____

- A. The expense listed above has been incurred as a cost of a project identified in the Grant Contract, dated _____ by and between the School Building Authority of West Virginia and the undersigned county board.
- B. A copy of the invoice relating to this payment and a description of the work, materials or equipment is attached. Such materials are not subject to any lien or security interest and such funds will not be used to satisfy such lien or security interest.
- C. By affixing my signature, I certify that all requisitions from which payment was received the prior month have been paid to the vendor(s).

Dated this _____ day of _____, 20____.

THE BOARD OF EDUCATION OF
THE COUNTY OF _____

By _____
County Superintendent

Note: Requisitions must be received by United National Bank and the Authority on or prior to the 5th day of the month in which payment is required. No facsimile requisitions will be accepted for issue of payment.
SBA104A (Revised 10/26/94)

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
PROJECT FINANCE PLAN AMENDMENT FORM
EXHIBIT C

COUNTY: _____

DATE: _____

PROJECT DESCRIPTION: _____

Amended Project Finance Plan ☐

Final Project Finance Plan ☐

Description of Funding Sources: _____	Date of Availability	Construction Budget As Previously Approved by SBA	Increase (Decrease) in Project Funds	Current Construction Budget As Proposed By County BOE	Percentage of Total Funding
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Original SBA Construction Fund Grant

Supplemental SBA Grants Awarded

Local Funding (Indicate Source): _____

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Other Funding (Indicate Source): _____

1. DOH Reimbursement
2. Federal Government Grant
- 3.
- 4.
- 5.

TOTAL PROJECT FINANCE PLAN

0.00	0.00	0.00	0.00%
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- A. We certify to the best of our knowledge and belief that the above information is correct. A copy of the Board of Education minutes approving this project finance plan change is attached for your reference.

County Board of Education President

County Superintendent

THIS FORM MUST BE UPDATED EACH TIME THE PROJECT FINANCE PLAN IS ALTERED AND THE FINAL PROJECT COST MUST BE RECORDED ON THIS FORM AND ACCOMPANY THE FINAL REQUEST FOR PROJECT CLOSEOUT FUNDS.

exhibite/revised4/27/01

SBA 105
CONTRACTOR'S QUALIFICATION STATEMENT

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA

CONTRACTOR'S QUALIFICATION STATEMENT

The undersigned certified under oath that the information provided herein is true and sufficiently complete so as not to be misleading. This document must be submitted by the apparent low bidder(s) within three (3) days after the bid opening and will be used in the bid evaluation process.

SUBMITTED TO: School Building Authority of West Virginia
2300 Kanawha Boulevard, East
Charleston, WV 25311

SUBMITTED BY: Firm Name: _____
Address: _____
Phone: _____
Fax: _____
Email: _____
Principal Office Location: _____

**QUALIFICATION STATEMENT SUBMITTED FOR
(INSERT PROJECT NAME):**

TYPE OF WORK:

Site Preparation	_____	General Construction	_____
Roofing	_____	Plumbing	_____
HVAC	_____	Sprinkler	_____
Electrical	_____	Other	_____

(File separate form for each classification of work)

ORGANIZATION:

Please provide the following information concerning your organization:

TYPE OF ENTITY:

Corporation	_____	Individual	_____
Partnership	_____	Other	_____

(Revised 6/09)

NAME OF PRINCIPAL, OWNERS OR PARTNERS:

Name	Position	Years of Service with Organization
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Number of years this organization has been in business?

Have members of this organization operated under former names/businesses? If "yes," list name, type of entity and names of principal, owners or partners.

Yes ____ No ____

Provide a brief description of the general type of construction the firm performs.

Please indicate the work you intend to subcontract or perform for this project.

	Perform	Subcontract		Perform	Subcontract
Earthwork	_____	_____	Plumbing	_____	_____
Concrete	_____	_____	HVAC	_____	_____
Masonry	_____	_____	Electrical	_____	_____
Structural	_____	_____	Other _____	_____	_____
Roofing	_____	_____	Other _____	_____	_____
Sprinkler	_____	_____		_____	_____

Please provide information regarding your company's participation in a drug program that meets the objectives, applicable laws and regulations for a drug free workplace including the use of tobacco and alcohol on school properties.

(Revised 6/09)

Please provide information regarding the experience and skill of the bidder's work force and that of the bidder's designated subcontractors. Attach additional information, if required. (Marked as Attachment __.)

_____	_____
_____	_____
_____	_____
_____	_____

EXPERIENCE:

If you have completed school construction work or similar construction, or completed work on SBA projects, provide a list of projects with individual references that can verify the quality of your work, your ability to construct within budget and your ability to work within the proposed schedule. Attach additional information, if required. (Marked as Attachment __.)

Project

Reference

_____	_____
_____	_____
_____	_____

Please list (marked as Attachment __) all major construction projects (schools or other projects) your organization has in progress providing the name of project, owner, architect, contract amount, bonding company, insurance carrier, percentage complete and scheduled completion date.

Please list (marked as Attachment __) major projects (schools or other projects) your organization has completed in the past five years, giving the name of project, owner, architect, contract amount, bonding company, date of completion and percentage of the cost of the work performed with your own forces. Note whether or not each project was completed on schedule.

APPRENTICESHIP PROGRAM:

Please provide information regarding your company's and subcontractor's participation in a bonafide apprenticeship program that is approved by the U.S. Department of Labor, U.S. Bureau of Apprenticeship Training and is administered in compliance with the rules and regulations of the WV Department of Labor. [See DOL 42-7-3.1(i)] (Marked as Attachment __)

(Revised 6/09)

REGULATORY COMPLIANCE:

At any time during the past five years, has your firm, or any of its owners or officers been found in violation or in default in any of the following categories: (Attach detailed explanation for all Yes answers.)

Worker's Compensation Laws	Yes _____	No _____
Unemployment Compensation Laws	Yes _____	No _____
Federal and State Prevailing Wage Laws	Yes _____	No _____
Fair Labor Standards Act	Yes _____	No _____
Compliance with fringe benefit contributions (i.e., health insurance and pension benefits)	Yes _____	No _____
<u>Immigration Reform and Control Act (IRCA)</u>	<u>Yes _____</u>	<u>No _____</u>

INSURANCE AND BONDS:

Please list name of current insurance carrier and number of projects insured by carrier:

Insurance Carrier	Number of Projects
_____	_____
(Marked as Attachment __, if required)	

Please list name of bonding company(s)/agent(s) utilized for projects constructed during the last five years:

Bonding Company	Bonding Company/Agent
_____	_____
_____	_____
_____	_____

CLAIMS AND SUITS: (Attach detailed explanation for all Yes answers)

Has your organization ever failed to complete any Construction work it has been awarded?	Yes _____	No _____
---	-----------	----------

Within the last five years, has any officer or principal of your organization ever been an officer or principal of another organization when it failed to complete a construction contract? (If the answer is yes, please describe in full)	Yes _____	No _____
---	-----------	----------

(Revised 6/09)
(Revised 6/11)

Has there been in the last ten (10) years, or is there now pending or threatened, any litigation, arbitration, investigation, or governmental or regulatory proceeding involving claims in excess of \$100,000 or requesting a declaratory judgment or injunctive relief with respect to the construction or operation of any building which your firm, its principals, predecessors or affiliates constructed?

Yes ____ No ____

Is there any potential claim, demand, litigation arbitration, investigation, governmental proceeding or regulatory proceeding involving your firm, or its principals, predecessors or affiliates? If the answer to either of the preceding questions is "yes," please describe in full in an attachment.

Yes ____ No ____

In addition to the litigation, arbitration, investigation or governmental or regulatory proceeding referred to in the preceding paragraphs, is there any litigation, arbitration, investigation or governmental or regulatory proceeding now pending or threatened to which your firm is or may be a party, or are you aware of any potential claim or demand, which might otherwise affect the capacity of your firm to perform with respect to your involvement with the School Building Authority of West Virginia, whether or not it concerns other work which you have undertaken? If so, please describe in full.

Yes ____ No ____

Is your company currently in default on any departments to the state or political subdivisions that in aggregate exceeds \$1,000? See WV Code 5A-3-10a.

Yes ____ No ____

At any time during the past five (5) years has your firm, or any of its owners or officers, been debarred or otherwise deemed ineligible to bid on or be awarded a public works contract or perform work as a subcontractor on a public works contract, under the laws of the federal government, state, county or municipal authority?

Yes ____ No ____

At any time during the last five (5) years has your firm, or any of its owners or officers, been convicted of a crime relating to the awarding of a contract for a public works construction project, (Revised 6/09)

Yes ____ No ____

or the bidding or performance of a public works project?

Is there any person owing ten (10) percent or more of this company, or officer of the company, that is currently, or at the time of the bid, on the Worker's Compensation Employer Violator System? If yes, provide name of individual.

Yes _____ No _____

BANKRUPTCY:

Has your firm, its principals, predecessors, or affiliates been the subject of any proceeding under the federal bankruptcy laws or any other proceeding under state or federal law in which a court or government agency has assumed jurisdiction over any of the assets or business of your firm, its principals, predecessors or affiliates? If so, please identify the proceedings, the court or governmental body and the date such jurisdiction was assumed in an attachment.

Yes _____ No _____

FINANCIAL CONDITION:

***Financial Statements are required for every contractor and subcontractor working on an SBA funded project. This confidential statement is kept on file in the SBA office and is valid for one calendar year. Once expired, a new statement will be required as a condition of future bid awards.**

Please attach your organization's last two (2) years financial statements including your latest balance sheet and income statement showing the following:

Current Assets (e.g., cash, joint venture accounts, accounts receivable, accrued income, deposits, materials inventory and prepaid expenses);
Net Fixed Assets;

Other Assets;

Current Liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes);

Other Liabilities (e.g., capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings).

Name and address of firms attached financial statement and date thereof.

CHANGE ORDER HISTORY:

Describe each instance within the last five (5) years where change orders applied for during construction amounted in the aggregate to more than five percent (5%) of the
(Revised 6/09)

contract price for any building which your firm constructed, or in which actual construction costs exceeded the contract price by more than five percent (5%). (Exclude owner requested change orders). (Marked as Attachment __, if required)

Project	Change Order/Construction Cost Overrun Amounts
_____	_____
_____	_____
_____	_____

REFERENCES:

Please list below trade references:

Please list below bank references:

Please list below completed project owner references:

SIGNATURE AND NOTARY:

Dates at _____ this _____ day of _____, 20__.

Name of Organization: _____

By: _____

Title: _____

State of _____, County of _____

Subscribed and sworn before me this _____ day of _____, 20__.

Notary Public: _____

My Commission Expires: _____
Notary Seal

SBA 105 – Contractors Qualification Statement
(Revised 6/09)
(Revised 6/11)

SBA 106
APPLICATION FOR AMENDMENT

**COMPREHENSIVE EDUCATIONAL FACILITIES PLAN
APPLICATION FOR AMENDMENT**

To be submitted to the SBA and the WVDE

COUNTY: _____
AMENDMENT #: _____

DATE: _____
AMENDMENT TYPE(s):
A. Budget___ B. Project___ C. Overall Plan___

Date Amendment Approved by LEA: _____

Signature-County Superintendent: _____

Briefly describe the nature of the amendment and/or scope of work to be completed:

**A. BUDGET AMENDMENTS FOR PREVIOUSLY APPROVED PROJECT
WITHIN THE CURRENT CEF**

Include a revised CEF finance plan summary sheet and any other altered CEF pages with revision date as per Section E to specifically reflect the project expenditures requested in this amendment. Briefly describe the need to adjust the present budget.

	Budget Amount
1. Total project budget previously approved in CEF	\$ _____
a. SBA Grant	\$ _____
b. Other (describe)	\$ _____
2. Amendment to this project budget (+/-)	\$ _____
a. SBA Grant	\$ _____
b. Other (describe)	\$ _____
3. Total amount of this project if amendment is approved	\$ _____

B. AMENDMENT TO EXISTING OR NEW PROJECT (Complete information on reverse side of form if 2, 3, or 4 are checked below)

- | | |
|--|--|
| 1. ___ Revise the scope of an existing project | 2. ___ Add a new project not currently in CEF |
| 3. ___ New addition or renovation project | 4. ___ Technology and/or bldg. infrastructure improvements |

Provide a revised budget in Part A for the project(s) affected by this amendment. Also, provide replacement sheets for the current approved plan on file in the SBA and WVDE offices for all chapters of the plan affected by the amendment. Include revision dates on all replacement sheets as per Section E.

C. OVERALL PLAN AMENDMENT (Complete Information on Reverse Side of Form)

Amendments to the overall plan are defined as those changes that alter the educational delivery models (grade configuration, delivery system, etc.) or dramatically affect the major elements of the CEF identified in State Board Policy 6200, Chapter 1, Handbook on Planning Schools or Goals and Objectives of the SBA (West Virginia Code 18-9D-15). Provide replacement sheets for the current approved plan on file in the SBA and WVDE offices for all chapters of the plan affected by the amendment include revisions dates on all replacement sheets as per Section E.

D. AMENDMENT JUSTIFICATION AS REQUIRED IN WEST VIRGINIA CODE 18-9D-15
(Attachment additional backup information, if required)

1. Describe how the amendment alters the current ten-year comprehensive educational facilities plan, project, finance plan and changes in the scope of the project. (Narrative)
2. Provide the impact of this amendment upon the educational opportunities of students and the budget of the LEA. (Narrative)
3. Describe how the existing facility plan does not and the proposed amendment does meet the following goals of the SBA:
 - a. Student Health and Safety
 - b. Economy of Scale
 - c. Travel Time
 - d. Multi-County Project
 - e. Curricular Improvements
 - f. Educational Innovations
 - g. Adequate Space

E. SUBMISSION OF REVISED CEFPP PAGES

List the page numbers changed in the CEFPP by this amendment, attach the altered pages to this form, place the revision date (revised [date]) on the bottom right hand corner of each revised page and submit one copy to both the SBA and the WVDE. If additional pages are required, use the page number from the preceding page in the CEFPP and add successive letters, i.e., 47, 47a, 47b, 48.

FOR SBA AND SDE USE ONLY

Project Number: _____ Previous Budget Approved: \$ _____ Amended Budget Approved: \$ _____

SBA APPROVAL DATE: _____ **SDE APPROVAL DATE:** _____

SBA/WVDE 106
sba106appforamendment

SBA 113
CONSTRUCTION OBSERVATION REPORT

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA CONSTRUCTION OBSERVATION REPORT # _____

County _____ Project _____
 Project Number _____ Prepared by _____
 Date _____ C O W _____
 Weather _____ Job Phone # _____
 Architect/Engineer _____ Phone # _____
 Contractors _____ Present _____ Contractors _____ Present _____

County: _____ Dates: _____ to _____
 Project: _____ Prepared By: _____
 Architect/Engineer: _____ Clerk of the Works: _____
 Phone #: _____ Job Phone #: _____

Number of Personnel Present						
Contractors	M	T	W	T	F	Sat
GC name (S, A, O, J)	0, 0, 0, 0	0, 0, 0, 0	0, 0, 0, 0	0, 0, 0, 0	0, 0, 0, 0	0
Plumb Contr. name (F, J, A)	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0
Electrical Contr. name (F, J, A)	0, 0, 0	0, 2, 0	0, 2, 0	0, 2, 0	0, 1, 0	0
Mech. Contr. name (F, L, A, J)	0, 0, 0, 0	0, 0, 0, 0	0, 0, 0, 0	0, 0, 0, 0	0, 0, 0, 0	0
Misc. Subcontr. name (J)	0	0	0	0	0	0
Misc. Subcontr. name (F, J, A)	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0
Misc. Subcontr. name (J, A, L)	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0, 0, 0	0
Misc. Subcontr. name (J, A)	0, 0	0, 0	0, 0	0, 0	0, 0	0
Misc. Subcontr. name (J)	0	0	0	0	0	0
Misc. Subcontr. name (J, A)	0, 0	0, 0	0, 0	0, 0	0, 0	0
Weather (AM[7:00]/PM[4:30])	Cl, Lo61/ Cl, Hi83	Ov, Lo61/ C, Hi77	Ov, Lo60/ Cl, Hi76	Fg, Lo60/ Cl, Hi80	Fg, Lo60/ Cl, Hi81	=

Job Titles: S=Supervisor, J=Journeyman, A=Apprentice, L=Laborer, F=Foreman, O=Operator
 Weather: Fg=fog, Oc=overcast, Ra=rain, Sn=snow, C=clear, Cl=Cloudy Pc=partly cloudy Lo=low, Hi=high

Remarks:
 Monday, _____ Thursday, _____
 Daily Activity: _____ Daily Activity: _____

Issues: _____ Issues: _____

<u>Tuesday,</u>	<u>Friday,</u>
<u>Daily Activity:</u>	<u>Daily Activity:</u>
<u>Issues:</u>	<u>Issues:</u>

<u>Wednesday,</u>	<u>Saturday,</u>
<u>Daily Activity:</u>	<u>Daily Activity:</u>
<u>Issues:</u>	<u>Issues:</u>

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
CONSTRUCTION OBSERVATION REPORT #

<u>Division of Work</u>	<u>% Complete</u>	<u>Division of Work</u>	<u>% Complete</u>
General Requirements	_____	Roofing	_____
Site Work	_____	Sealers	_____
Demolition	_____	Finishes	_____
Subsurface	_____	Floors	_____
Clearing/Grading	_____	Walls	_____
Concrete	_____	Ceilings	_____
Ftg./Foundations	_____	Specialties	_____
Slabs/Deck	_____	Chalk/Tackboard	_____
Walks	_____	Fire Extinguishers	_____
Masonry	_____	Others	_____
Foundations	_____	Equipment	_____
Exterior Walls	_____	Furnishings	_____
Interior Walls	_____	Special Construction	_____
Metal	_____	Conveying Systems	_____
Structural Steel	_____	Elevator	_____
Steel Joists	_____	Mechanical	_____
Floor Decking	_____	Insulation	_____
Roof Decking	_____	Plumbing/Piping/Drain	_____
Fabricated Metals	_____	Sprinkler System	_____
Carpentry	_____	HVAC	_____
Moisture Protection	_____	Electrical	_____
Waterproofing	_____	Service & Distribution	_____
Building Insulation	_____	Lighting	_____
Metal Flashing/Trim	_____	Communications/FA	_____
Others	_____		
_____	_____		
_____	_____		
_____	_____		
Total Project Complete	_____ %		

Remarks:

sbal13
revised 6/11

SBA/WVDE 116
FACILITY CLASSIFICATION FORM

**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
AND
WEST VIRGINIA DEPARTMENT OF EDUCATION
FACILITY CLASSIFICATION FORM**

COUNTY: _____

DATE: _____

[illegible]

School Classification Categories:

P= Permanent A school facility that is to be utilized throughout the 10 year planning period without a change in its present use or grade configuration.

T= Transitional
A school facility that is projected to be utilized throughout the 10 year planning period but will experience a change in its grade configuration or use.

F= Functional
A school facility that is projected for closure between the 5th and 10th year during the 10 year planning period.

C= Closure
A school facility that is projected for closure before the 5th year of the 10 year planning period.

SBAAWDE 116

SBA 120
NEEDS EXECUTIVE SUMMARY

NEEDS

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA CONSTRUCTION FUND PROJECT "NEEDS" – EXECUTIVE SUMMARY

PROJECT _____
COUNTY _____ PROJECT COST \$ _____

IMPLEMENTING TOTAL CFP

SBA NEEDS \$ _____
SBA MIP \$ _____
LOCAL \$ _____
FEDERAL \$ _____
OTHER \$ _____
TOTAL \$ _____

FUNDING SOURCE – THIS PROJECT

SBA \$ _____

LOCAL \$ _____
FEDERAL \$ _____
OTHER \$ _____
TOTAL \$ _____

Bonding Capacity \$ _____

Excess Levy Capacity \$ _____

Available Bonding Capacity \$ _____

Remaining Levy Capacity \$ _____

If you have an excess levy:

What percentage are you currently collecting? _____%

What amount of the excess levy is dedicated to capital improvements annually? \$ _____

What is the expiration date of your levy? _____

PROJECT DESCRIPTION:

PROJECT STATUS

Site Selected Yes _____ No _____ New Site _____

Geotechnical Yes _____ No _____

Existing Board Owned Property Yes _____ No _____

Survey Performed _____

Programming/Preliminary Design Completed – Describe:

SCHOOL CLOSURE STATUS

School Closure Required Yes _____ No _____

County Hearing Done Yes _____ No _____

County BOE Approved Yes _____ No _____

WV BOE Approved Yes _____ No _____

PROTO-TYPE SCHOOL

Has the county board considered using a proto-typical building design for this project?

Yes _____ No _____

To the extent possible, will the county board be using A proto-typical design for this project?

Yes _____ No _____

COMPLIANCE WITH SBA REQUIREMENTS – PROPOSED NEW PROJECT

HEALTH AND SAFETY

ECONOMIES OF SCALE

Annual Savings \$ _____
Cost Avoidance \$ _____

Proposed facility will _____ will not _____
meet the SBA economies of scale.
Students required _____ Students enrolled _____

IF IMPLEMENTED, WHAT IS THE EFFECT OF THIS PROJECT ON PERSONNEL

- | | | | |
|---------------------|-------------------|---------------------|------------------|
| • Teacher | Present No. _____ | Projected No. _____ | Difference _____ |
| • Service Personnel | Present No. _____ | Projected No. _____ | Difference _____ |
| • Administrators | Present No. _____ | Projected No. _____ | Difference _____ |

MULTICOUNTY PROJECT

EDUCATIONAL INNOVATIONS AND IMPROVEMENTS

ADEQUATE SPACE FOR PROJECTED STUDENT ENROLLMENT

TRAVEL TIME

LOCAL BOND HISTORY EFFORTS

COMMENTS

#1 DESCRIPTION OF EXISTING FACILITIES

- _____ School currently houses grades _____
- Constructed on a _____ acre site in 20__ which is adequate _____ inadequate _____
- _____ major addition(s) in 20__
- Existing _____ story facility contains _____ sq.ft.
- Current enrollment is _____
- 8th Year Projected Enrollment _____
- Building utilization is _____ %
- Utilities: Public Water _____ On-Site Well _____ Public Sewage _____
- Package Plant _____ Other _____
- HVAC: Gas _____ Electric _____ Coal _____ Other _____
- Cost to upgrade to current standard is \$ _____
- Existing facility contains _____ major structural problems
- Health, safety and building accessibility, comments: _____

#2 DESCRIPTION OF EXISTING FACILITIES

- _____ School currently houses grades _____
- Constructed on a _____ acre site in 20__ which is adequate _____ inadequate _____
- _____ major addition(s) in 20__
- Existing _____ story facility contains _____ sq.ft.
- Current enrollment is _____
- 8th Year Projected Enrollment _____
- Building utilization is _____ %
- Utilities: Public Water _____ On-Site Well _____ Public Sewage _____
- Package Plant _____ Other _____
- HVAC: Gas _____ Electric _____ Coal _____ Other _____
- Cost to upgrade to current standards is \$ _____
- Existing facility contains _____ major structural problems
- Health, safety and building accessibility, comments: _____

Complete one of the above descriptions for each school affected.

SBA 120

SBA 123
LIST OF SUBCONTRACTORS
EQUIPMENT/MATERIAL SUPPLIERS

LIST OF PROPOSED SUBCONTRACTORS EQUIPMENT/MATERIAL SUPPLIERS

**(This form must be submitted to the SBA
within two hours of the close of bid)**

**Failure to comply with the two hour submission requirement will result in disqualification of
the bid.**

Phone: 558-2541

Fax: 558-2539

List below each category of work and equipment/material for this proposal and the subcontractor or supplier selected for that category of work, also provide the contractor's complete name, address and license number for each subcontractor as required by the "West Virginia Contractor Licensing Act." If the branch of work is to be completed solely by an equipment/material supplier, indicate by notation below in the contractor license number column. If the branch of work is to be completed by the general (or prime) contractor submitting the bid, indicate on each division of where this occurs that the work will be self-performed. If no subcontractors will be used to complete the project indicate on the SBA Form 123 that all work will be self performed and provide the name, complete address and contractor license number of the contractor that will be performing the work. The bidder may be requested to change an unsatisfactory subcontractor or equipment/material supplier. The contractor is responsible for selecting subcontractor(s) and/or equipment/material suppliers/contractors.

The Owner, Architect/Engineer and/or School Building Authority may indicate their concerns about any entity listed which they have reason to believe past experience indicates poor performance may be expected. It is the responsibility of any contractor soliciting bids or quotes from the subcontractors to verify the eligibility of all proposed subcontractors and equipment/material suppliers being proposed to perform the work and to verify in writing the scope of work proposed by a subcontractor or supplier. The Contractor has full responsibility for satisfactory execution of all work in accordance with the contract documents. Any proposed change of subcontractors or material suppliers must have prior written approval from the SBA and shall be at no additional cost to the Owner, as the Contractor has full responsibility for execution of the work. Contractors, subcontractors and equipment/material suppliers that are on SBA Probation are prohibited from bidding any school project for a period of one year.

(Revised 6/09)

I, _____ representing _____
(Signature of Responsible Company) **(Company Name)**
 on this date _____ submit the following list of subcontractors and major material
 suppliers for your review and comment. This is the final and complete list of companies who will
 be performing work or supplying materials for _____.
(Project Name)

*I agree that once the subcontractors and material suppliers listed are submitted to the SBA, no
 other subcontractors or substitute for any subcontractors listed below, will be used in the
 performance of the contract without written approval of the Owner and SBA. I further agree
 that if non-approved subcontractors or suppliers are used my company shall be placed on
 probation, unless in its reasonable discretion, the SBA determines otherwise. As a result of
 being placed on probation by the SBA, my company shall be prohibited from bidding SBA
 projects for a minimum of one year.*

Category of Work/Material	Complete Name and Address Subcontractor/Supplier	Contractor License Number
1. _____	_____ _____	_____
2. _____	_____ _____	_____
3. _____	_____ _____	_____
4. _____	_____ _____	_____
5. _____	_____ _____	_____
6. _____	_____ _____	_____
7. _____	_____ _____	_____
8. _____	_____ _____	_____
9. _____	_____ _____	_____
10. _____	_____ _____	_____

(Revised 6/09)

11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____

(Use additional pages, if required)

SBA 123
(Revised 6/09)

SBA 124
CONTRACTOR EVALUATION FORM

~~SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA CONTRACTOR EVALUATION FORM~~

COUNTY _____

DATE _____

[illegible]

~~This document must be submitted to the SBA office semi-annually.~~

~~*E - Excellent, A - Average, P - Poor~~

~~eba124~~

**SCHOOL BUILDING AUTHORITY
OF WEST VIRGINIA**

**CONTRACTOR EVALUATION FORM
(Submit For Each Prime Contractor)**

PROJECT: _____ DATE: _____

CONTRACTOR: _____ PERFORMING: _____

ITEM	EVALUATION CRITERIA	EVALUATION SCORE
1	Contractor communications with the A/E in accordance with the contract documents	
2	Quality and timeliness of the submittals acceptable	
3	Contractor timely submission, follow, and update a construction schedule in accordance with the contract requirements	
4	Material deliveries in accordance with the contractor's schedule	
5	Contractor compliance with the master project schedule	
6	Contractor adequate staffing of the project	
7	Contractor representation at pay/progress meetings by a person with decision-making authority	
8	Contractor submission of certified payrolls as required by the construction documents	
9	Materials and workmanship in compliance with the contract documents	
10	Contractors coordination and cooperation with regards to disruption of facility operations with the user (where applicable)	
11	Delays to the project caused by the contractor	
12	Contractors willingness to actively resolve problems	
13	Contractor ability to coordinate and cooperate with other contractors and suppliers	
14	Supervision of the work in accordance with the contract documents	
15	Contractor provision of timely and complete closeout documentation	
WERE THE FOLLOWING ITEMS SUBMITTED AND/OR COMPLETED BY THE DATE INDICATED ON THE SUBSTANTIAL COMPLETION FORM?		
16	Accurate and complete record documents (as-builts)	
17	Punch list items	
18	Certificate of operating and training instruction	
19	Complete O&M Manuals	
20	Testing & balancing reports	
EVALUATION SCORING: Rate the contractors performance based on the following scale: 5 = Excellent; 4 = Good; 3 = Satisfactory; 2 = Less than Satisfactory; 1 = Unacceptable; N/A = Not Applicable Comments are required if any score is less than 3		

EVALUATOR: _____ DATE: _____

SBA REPRESENTATIVE: _____ DATE: _____

Contractor performance evaluations will be used in the review of a contractor's responsibility status in accordance with SBA Policy. The SBA will provide the contractor with a copy of all processed forms upon request. The contractor may respond in writing to the SBA regarding any evaluation. Responses will be reviewed and placed in the Contractor's Qualification File at the SBA office.

This form may be submitted electronically. Attach a completed form to an e-mail addressed to the specific SBA Project Manager for the affected project. All SBA e-mail addresses are available on our website: www.wvs.state.wv.us/wvsba.

[illegible]

162

COMMENTS: (Required for any score less than 3) - continued

[illegible]

SBA 131
ECONOMY OF SCALE WAIVER REQUEST

**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
ECONOMY OF SCALE WAIVER REQUEST**

County _____ Facility Name _____ Date _____
Classification of Facility _____ Current Grade Configuration _____
Current Enrollment _____ Proposed Grade Configuration as per CEFP _____

- A. Describe Proposed Construction/Renovation to occur at this facility. Is there emergency health or safety issues involved in this improvement? Elaborate fully.
- B. Will this facility be a receiving school for other future consolidation facilities? If so, identify school(s) that are proposed to be closed, the number of students to be transferred to this facility and the school year projected:

School(s)	_____	Enrollment	_____
	_____	to be	_____
	_____	Transferred	_____

- C. Describe specific geographical barriers that would require this facility to remain in operation even though it does not meet Economies of Scale.

- D. Is this the only school in the county that serves students at this grade level?
_____ Yes _____ No
Has a Multi-county/Regional project been considered to improve the educational opportunities of students and the Economies of Scale? Provide supporting data describing this alternative.

If this facility were closed and consolidated with the nearest compatible school, what would the maximum travel time be, the name of the receiving school and the number of students that would be required to travel on a school bus beyond the State Department of Education recommended travel times?

Receiving School(s) Name _____

Maximum travel time for students from closed school _____

Number of students that would be required to travel by a school bus that would exceed the State Department of Education recommended travel time _____

Additional supporting documentation may be attached, if desirable.

SBA 132
HIGH SCHOOL ATTENDANCE AREA
FEEDER SCHOOL SUMMARY

INSTRUCTIONS FOR SBA FORM 132
(To be submitted with the Annual Update)

1. The purpose of this form is to track all schools and their usage throughout the ten year planning cycle. One form should be completed for each high school attendance area.
2. All facilities that were in operation during the first year of the current planning cycle must be shown in the dashed box. Second month enrollments for these facilities must be shown in the brackets []. Only facilities that will be in operation during the entire ten year planning cycle will be in solid boxes. The 8th year projected enrollments must be within parenthesis ().
3. If the facility is to be built during the current ten year planning cycle, list “NEW” in the brackets. If the facility is to be redesignated from its current usage, list “REDSG” in the brackets.
4. **CLOSURES** – In the Closure column, list schools that are scheduled for closure during the current ten year planning cycle and will not be used by the county board of education for other purposes.

FACILITY REDESIGNATION – In the Facility Redesignation column, list schools that are scheduled to change their current usage during the current ten year planning. Designate what type of facility it will become.

ELEMENTARY – In the Elementary column, list only those schools that will still be operational at the end of the current ten year planning cycle.

JHS/MIDDLE – In the JHS/Middle column, list only those schools that will still be operational at the end of the current ten year planning cycle.

HIGH SCHOOL – In the High School column, list only the high school for this attendance area that will be in effect at the end of the current ten year funding cycle.

EXAMPLE

FEEDER SCHOOL SUMMARY REPORT

YOUR COUNTY – BRANDON HIGH SCHOOL ATTENDANCE AREA

Brandon High School

Becomes 9-12 facility; Sept., 2007

Stewart Middle School

Feeder to Brandon High School

Opens as 6-8 Middle School; Sept., 2007

Raines Junior High School

Currently feeds Brandon High School

Closes June, 2007

9th graders transfer to Brandon HS; Sept., 2007

7th and 8th graders transfer to Stewart MS; Sept., 2007

Tyler Elementary

Currently feeds Raines JHS

Changes to K-5 facility; Sept., 2007

6th graders transfer to Stewart MS; Sept., 2007

Painter Elementary

Currently feeds Raines JHS

To become feeder to Stewart MS; Sept., 2007

6th graders transfer to Stewart MS; Sept., 2007

Barron Elementary

Currently feeds Raines JHS

To become feeder to Stewart MS; Sept., 2007

6th graders transfer to Stewart MS; Sept., 2007

Withrow Elementary

Currently Feeds Raines JHS

Students transferred to Painter Elementary; Sept., 2007

Becomes Bus Garage; Sept., 2007

Ragland Elementary

Closes June 2007

Currently feeds Raines JHS

Students transferred to Tyler EL; Sept., 2007

Lovejoy Elementary

Closes June 2007

Currently feeds Raines JHS

120 students transferred to Painter EL; Sept., 2007

30 students transferred to Tyler EL; Sept., 2007

Drew Middle School

Scheduled to become 6-8 Middle School; Sept., 2007

Feeder to Brandon High School

9th graders transfer to Brandon HS; Sept., 2007

Gordon Junior High School

Currently feeds Brandon High School

Scheduled to become EL Center; Sept., 2007

9th graders transfer to Brandon HS; Sept., 2007

7th and 8th graders transfer to Drew MS; Sept., 2007

Gordon Elementary Center

Feeder to Drew MS

Ervin Elementary

Currently feeds Gordon JHS

6th graders to be transferred to Drew MS; Sept., 2007
Students to be transferred to new EL Center; Sept. 2007
Midkif Elementary
Currently feeds Gordon JHS
6th graders to be transferred to Drew MS; Sept., 2007
Students to be transferred to new EL Center; Sept. 2007
Smarr Elementary
Currently feeds Gordon JHS
6th graders transferred to Drew MS; Sept., 2007
Students to be transferred to new EL Center; Sept. 2007
House Elementary
Currently feeds Gordon JHS
To become feeder to Drew MS; Sept., 2007
6th graders transfer to Drew MS; Sept., 2007

This feeder school summary is an example of facilities for a 2000-2010 CEF
UNDERLINED schools are operational facilities in 2009-2010

SBA 132

COUNTY _____

High School

JHS/Middle

BRANDON HIGH SCHOOL ATTENDANCE AREA

Elementary

Facility Re-designation

Closures

[228] (212)

Tyler EL/K-6
K-5

[657]

Raines JHS/7-9
Closes – 6/2007

[245] (222)

Painter EL/ K-6
K-5

[54]

Withrow EL/ K-6
Becomes Garage

[193]

Ragland EL/K-6
Closes – 6/2007

[265] (202)

Barron EL/K6
K5

[156]

Fox EL/K-6
Closes – 6/2007

Changes

[] ()

[]

--

[1,260] (1,594)

Brandon HHS/ 10 -12
9-12

Closes

[85]

Gordon JHS/7-9
Becomes K-5 EL
Changes – 9/2007

Ervin EL/K-6
Closes – 6/2007

[Redsg] (548)

Lovejoy EL/K-5

[102]

Midkiff EL/K-6

[954] (1,051)

Drew JHS/7-9
MS/6-8

Closes – 6/2007

[297] (339)

House EL/K-6
K-5

Changes

[68]

Smarr EL/K-6

Closes – 6/2007

[] ()

[]

--

1st Year Current Cycle – Facility Name

--

2nd Month Enrollment

[]

Name of school in operation at the end of current planning cycle and classification

--

8th Year Project Enrollment

()

HIGH SCHOOL ATTENDANCE AREA

JHS/Middle

Re-designation

Diagram illustrating the structure of a document with 10 sections. Each section is represented by a dashed box labeled "Closes" and a corresponding opening bracket "[". The sections are arranged in a single row, with the first section on the left and the last section on the right.

[[] ()

Changes

[] ()

Closes
[]

[]	()
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Closes

[]

Changes
[]

Closes

Changes

$$\left[\begin{array}{c} \\ \\ \\ \\ \\ \end{array} \right]$$

	1 st Year Current Cycle – Facility Name
	2 nd Month Enrollment
	Name of school in operation at the end of current planning cycle and classification
	8 th Year Project Enrollment

SBA 134
FACILITY EVALUATION FORM

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
FACILITY GENERAL INFORMATION WORKSHEET
 (Complete one form for each facility or homogeneous area of the building)

Facility ID#: _____ County: _____

Facility Name: _____ Date: _____

	Year of Construction
Original Square Feet: _____	_____
Addition One: _____	_____
Addition Two: _____	_____
Addition Three: _____	_____
Addition Four: _____	_____
Addition Five: _____	_____
Addition Six: _____	_____
Addition Seven: _____	_____

Total Sq. Feet: _____

ENERGY INDEXES:

(List below the total amount of each fuel source used by this facility for one year)

Electric _____	Kilowatts
Natural Gas _____	MCF (List only mcf or decotherms)
Natural Gas _____	Decootherms (List only mcf or decotherms)
Coal _____	Tons
#2 Fuel Oil _____	Gallons
Propane _____	Pounds
Used Oil _____	Gallons
Wood Chips _____	Tons
Other(specify) _____	Amount: _____ Units: _____

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
SITE EVALUATION WORKSHEET
(Complete just one form for each site)

Facility ID#: _____ County: _____
Facility Name: _____

SITE:

_____ City _____ Rural Actual Acres _____ Useable Acres _____
Site adequate for expansion: _____ Yes _____ No
Are public parks/areas adjacent: _____ Yes _____ No
_____ % site out of flood plain _____ % site in flood plain
Site Remarks: (use additional sheets if needed)

Overall Site Condition: 1 2 3 4 5

DRAINAGE:

Drainage Remarks: (use additional sheets if needed)

Overall Drainage Condition: 1 2 3 4 5

PARKING:

Paved Parking _____ square feet Unpaved Parking _____ square feet
Parking adequately lit: _____ Yes _____ No
Adequacy of Parking: 1 2 3 4 5
Parking Remarks: (use additional sheets if needed)

Overall Parking Condition: 1 2 3 4 5

BUS LOADING:

Bus Loading Adequate: _____ Yes _____ No
Bus Loading Remarks: (use additional sheets if needed)

Overall Bus Loading Condition: 1 2 3 4 5

ACCESS ROADS:

Adequacy of On-Site Access Roads: 1 2 3 4 5
Adequacy of Off-Site Access Roads: 1 2 3 4 5
Access Roads Remarks: (use additional sheets if necessary)

Overall Access Road Condition: 1 2 3 4 5

FOR CONDITIONS:

1-Inadequate; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent

PLAYFIELDS/PLAYCOURTS:

Adequacy of Playfields: 1 2 3 4 5

Adequacy of Playcourts: 1 2 3 4 5

Playfields/Playcourts Remarks: (use additional sheets if needed)

Overall Playfield/Playcourts Condition: 1 2 3 4 5

SITE UTILITIES:**Electrical Services:**

____ Phase ____ Voltage ____ Amps

Electric Utility Company: _____

Main Service Feed into Building: ____ Underground ____ Overhead

Electrical Service Remarks: (use additional sheets if needed)

Overall Electrical Service Condition: 1 2 3 4 5

Fuel Sources:

____ Natural Gas ____ Coal

____ Fuel Oils ____ Propane

Other (Specify): _____

Fuel Utility Company: _____

Fuel Line Size: _____ inches

Fuel Sources Remarks: (use additional sheets if needed)

Overall Fuel Sources Condition: 1 2 3 4 5

Water Sources:

____ Public ____ Well Water Line Size: ____ inches

Water Utility Company: _____

Water Sources Remarks: (use additional sheets if needed)

Overall Water Sources Condition: 1 2 3 4 5

Sewage Systems:

____ Public ____ Septic Other (specify): _____

PSD: _____

Sewage System Remarks: (use additional sheets if needed)

Overall Sewage System Condition: 1 2 3 4 5

FOR CONDITIONS:*1-Inadequate; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent*

**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
BUILDING COMPONENT EVALUATION WORKSHEET**

(Complete an individual form for each building addition
or homogeneous area of the building)

Facility ID#: _____ County: _____
Facility Name: _____ Date: _____
Square Feet of Building: _____ Year Constructed: _____

BUILDING STRUCTURES:

_____ Load Bearing Masonry _____ Steel Frame
_____ Wood Frame Other (specify): _____
Building Structures Remarks: (use additional sheets if needed)
Overall Building Structure Condition: 1 2 3 4 5

FLOOR STRUCTURES:

_____ Steel Joist/Concrete Floor Area Square Feet: _____
_____ Wood Joists Floor Area Square Feet: _____
_____ Slab on Grade Floor Area Square Feet: _____
Other (specify): _____ Floor Area Square Feet: _____
Floor Structures Remarks: (use additional sheets if needed)
Overall Floor Structure Condition: 1 2 3 4 5

ROOF:

Roof Structure:
_____ Steel Joists _____ Wood Joists Other (specify): _____
Roof Structure Remarks: (use additional sheets if needed)
Overall Roof Structure Condition: 1 2 3 4 5

Roof Coverings:

	Sq. Feet	Yr. Installed	Condition
_____ Built-up Roofing	_____	_____	_____
_____ Modified Bituminous	_____	_____	_____
_____ Shingles, Asphalt	_____	_____	_____
_____ Shingles, Fiberglass	_____	_____	_____
_____ Membrane, Ballasted	_____	_____	_____
_____ Membrane, Mech. Fast	_____	_____	_____
_____ Membrane, Direct Glue	_____	_____	_____
_____ Metal Roofing	_____	_____	_____
Other (specify): _____	_____	_____	_____

Roof Coverings Remarks: (use additional sheets if needed)

FOR CONDITIONS:

1-Inadequate; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent

WALL FINISHES:	Square Feet	Condition
_____ Plaster	_____	_____
_____ Drywall	_____	_____
_____ Masonry	_____	_____
_____ Ceramic Tile	_____	_____
Other (specify): _____	_____	_____
Wall Finishes Remarks: (use additional sheets if needed)		

Overall Wall Finishes Condition: 1 2 3 4 5

CEILING FINISHES:	Square Feet	Condition
_____ Plaster	_____	_____
_____ Drywall	_____	_____
_____ Acoustical Tile	_____	_____
_____ Exposed	_____	_____
Other (specify): _____	_____	_____
Ceiling Finishes Remarks: (use additional sheets if needed)		

Overall Ceiling Finishes Condition: 1 2 3 4 5

FLOOR FINISHES:	Square Feet	Condition
_____ Asbestos Tile	_____	_____
_____ Vinyl Composition Tile	_____	_____
_____ Ceramic Tile	_____	_____
_____ Terrazzo	_____	_____
_____ Exposed Concrete	_____	_____
_____ Exposed Wood	_____	_____
Other (specify): _____	_____	_____
Floor Finishes Remarks: (use additional sheets if needed)		

Overall Floor Finishes Condition: 1 2 3 4 5

DOORS:		
Exterior Doors:	Number	Condition
_____ Aluminum, Exterior	_____	_____
_____ Steel, Exterior	_____	_____
_____ Wood, Exterior	_____	_____
Other, (specify): _____	_____	_____
Exterior Doors Remarks: (use additional sheets if needed)		

Overall Exterior Doors Condition: 1 2 3 4 5

FOR CONDITIONS:
1-Inadequate; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent

Interior Doors:	Number	Condition
_____ Aluminum, Interior	_____	_____
_____ Steel, Interior	_____	_____
_____ Hollow Core Wood	_____	_____
_____ Solid Core Wood	_____	_____
_____ Fire Rated Wood	_____	_____
Other (specify): _____	_____	_____

Interior Doors Remarks: (use additional sheets if necessary)

Overall Interior Doors Condition: 1 2 3 4 5

WINDOWS:

Operating Windows:	Number	Energy Efficient	Year Installed
_____ Aluminum Frame, Oper.	_____	_____	_____
_____ Steel Frame, Oper.	_____	_____	_____
_____ Wood Frame, Oper.	_____	_____	_____
_____ Vinyl Frame, Oper.	_____	_____	_____
_____ Rescue/Ventilation	_____	_____	_____
Other (specify): _____	_____	_____	_____

Operating Windows Remarks: (use additional sheets if needed)

Overall Operating Windows Condition: 1 2 3 4 5

Fixed Windows:	Number	Energy Efficient	Year Installed
_____ Aluminum, Frame, Fixed	_____	_____	_____
_____ Steel Frame, Fixed	_____	_____	_____
_____ Wood Frame, Fixed	_____	_____	_____
_____ Vinyl Frame, Fixed	_____	_____	_____
Other (specify): _____	_____	_____	_____

Fixed Windows Remarks: (use additional sheets if needed)

Overall Fixed Windows Condition: 1 2 3 4 5

BOILERS:	Number	Average mbh	Manufacturer
_____ Boilers, Gas Fired	_____	_____	_____
_____ Boilers, Coal Fired	_____	_____	_____
_____ Boilers, Oil Fired	_____	_____	_____
_____ Boilers, Wood Fired	_____	_____	_____
_____ Boilers, Propane Fired	_____	_____	_____

FOR CONDITIONS:

1-Inadequate; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent

BOILERS (cont'd):	Number	Average mbh	Manufacturer
Other (specify): _____	_____	_____	_____
Boilers Remarks: (use additional sheets if needed)			

Boilers Remarks: (use additional sheets if needed)

Overall Boilers Condition:	1	2	3	4	5
----------------------------	---	---	---	---	---

FURNACES:	Number	Average mbh	Manufacturer
-----------	--------	-------------	--------------

Furnace, Gas Fired

Furnace, Coal Fired			
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Furnace, Oil Fired

Furnace, Propane Fired

Other (specify): _____

Furnace Remarks: (use additional sheets if needed)

Overall Furnaces Condition:	1	2	3	4	5
-----------------------------	---	---	---	---	---

AIR HANDLING UNITS:	Number
---------------------	--------

Roof Type

Interior Units

Other (specify): _____

Air Handling Units Remarks: (use additional sheets if needed)

Overall Air Handling Condition: 1 2 3 4 5

INTERIOR VENTILATION TYPE:

Central

Individual

Other (specify): _____

Interior Ventilation Remarks: (use additional sheets if needed)

Overall Interior Ventilation Condition: 1 2 3 4 5

AIR HANDLING HEAT SYSTEMS: Number

Cabinet, Fan Coil

Cabinet, Unit Heater

Individual Furnaces

Fin Coil

Radiator

FOR CONDITIONS:

1-Inadequate; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent

AIR HANDLING HEAT SYSTEMS (cont'd): Number☐ Baseboard _____☐ Hot Water _____☐ Steam _____

Other (specify): _____

Air Handling Heat Systems Remarks: (use additional sheets if needed)

Overall Air Handling Heat Systems Condition: 1 2 3 4 5

HEATING/COOLING UNITS: Number☐ Unit Ventilators _____☐ Incremental Units _____☐ Heat Pumps, Standard _____☐ Heat Pumps, Water Source _____☐ Multi-Zone Units _____☐ Single Zone Units _____☐ Duct Heaters _____

Other (specify): _____

Heating/Cooling Units Remarks: (use additional sheets if needed)

Overall Heating/Cooling Condition: 1 2 3 4 5

ELECTRICAL:**Lighting Fixtures:** Number☐ Florescent Fixtures _____☐ Incandescent Fixtures _____☐ Mercury Vapor Fixtures _____☐ High Pressure Sodium Fixtures _____

Other (specify): _____

Lighting Fixtures Remarks: (use additional sheets if needed)

Overall Lighting Fixtures Condition: 1 2 3 4 5

*FOR CONDITIONS:**1-Inadequate; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent*

Fire Alarm System:

Manufacturer: _____

	Number
_____ Smoke Detectors	_____
_____ Heat Detectors	_____
_____ Pull Stations	_____

Fire Alarm System Remarks: (use additional sheets if needed)

Overall Fire Alarm System Condition: 1 2 3 4 5

Power/Receptacle System:

Power/Receptacle System Remarks: (use additional sheets if needed)

Overall Power/Receptacle
System Condition: 1 2 3 4 5

TECHNOLOGY INFRASTRUCTURE:

	Condition
_____ Sufficient Electrical Capacity	_____
_____ Power Receptacles Availability	_____
_____ Technology Electrical Wiring	_____
_____ Technology Delivery Systems	_____
_____ ID Network Type (if available) _____	_____
_____ Inventory Records of Hardware	_____
Other (specify): _____	_____
Deficiencies _____	_____

Technology Remarks: (use additional sheets if needed)

Overall Technology Infrastructure
Condition: 1 2 3 4 5

FOR CONDITIONS:*1-Inadequate; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent*

TECHNOLOGY ASSESSMENT:

	Condition
_____ Teacher Training	_____
_____ Software Use	_____
_____ Purchasing Practices	_____
_____ Network Administration	_____
_____ Certified Network Engineer	_____
_____ Eng	_____
_____ Inventory Records	_____
Other (specify): _____	_____
Deficiencies _____	_____

Technology Remarks: (use additional sheets if needed)

Overall Technology Assessment
Condition:

1 2 3 4 5

SCHOOL ACCESS SAFETY AUDIT

Evaluate the effectiveness of the following School Access Safety Plan components

	Condition
_____ Planning	_____
_____ Deterrence	_____
_____ Detection	_____
_____ Delay	_____
_____ Communication _____	_____
_____ Evacuation _____	_____
_____ Bullying _____	_____

Safety Remarks: (use additional sheets if needed)

Overall Safety Access Audit
Condition:

1 2 3 4 5

FOR CONDITIONS:

1-Inadequate; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent

**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
FACILITIES SPACES EVALUATION – EARLY CHILDHOOD/PRIMARY**

School ID#: _____ County: _____

School Name: _____

NOTE: Difference = No. of existing rooms – (minus) No. of Required spaces. No. rooms are evaluated as the same types

1. ADMINISTRATION: Exist spaces _____ Reqd. spaces _____ Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

2. STUDENTS SERVICES: Exist spaces _____ Reqd spaces _____ Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

3. PreKINDERGARTEN: Exist spaces _____ Reqd spaces _____ Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

4. KINDERGARTEN: Exist spaces _____ Reqd spaces _____ Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

5. PRIMARY: Exist spaces _____ Reqd spaces _____ Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

6. ITINERANT SPACES: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

7. MEDIA CENTER: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

8. SPECIAL EDUCATION: Exist spaces____Reqd spaces____Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

9. MUSIC: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

10. ART: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

11. COMPUTER LAB: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

12. MULTI-PURPOSE: Exist spaces_____Reqd spaces_____Difference+/- _____

A. Activities

Size: 1 2 3 4 5

Condition: 1 2 2 4 5

Remarks:

B. Dining

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

13. SEPARATE DINING: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

14. KITCHEN: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Adequate Storage: 1 2 3 4 5

Remarks:

15. STAFF/FACULTY: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

16. TOILETS: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5

FIXTURES: Exist fixtrs_____Reqd fixtrs_____Difference+/- _____

Condition: 1 2 3 4 5

Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

17. STORAGE GENERAL: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

18. STORAGE INSTR.: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

19. CUSTODIAL: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

20. TECHNOLOGY CLOSETS: Exist spaces Reqd spaces Difference+/- _____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

21. OTHER SPACES: Exist spaces_____Reqd spaces_____Difference+/- _____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

22. ADEQUACY/CONDITION OF FURNISHINGS AND EQUIPMENT:

Condition: 1 2 3 4 5
Remarks:

23. ECONOMIES OF SCALE: 1 2 3 4 5
(Refer to Handbook – 100.0142 G)

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

SCHOOL IMPROVEMENT COST SUMMARY
(Based on deficiencies identified during the evaluation of existing facilities)

EARLY CHILDHOOD/PRIMARY

SCHOOL NAME/USE _____
 COUNTY _____
 DESIGN CAPACITY ENROLLMENT _____

IMPROVEMENT ITEM	UNIT	QUANTITY	UNIT COST	ITEM COST	REMARKS
1. SITE WORK					
Land Acquisition	ACRES	_____	_____	_____	_____
Excavation/Grade	CUB FT	_____	_____	_____	_____
Drainage	LIN FT	_____	_____	_____	_____
Walks (6 ft wide)	SQ FT	_____	_____	_____	_____
Parking	SQ FT	_____	_____	_____	_____
Bus Loading	SQ FT	_____	_____	_____	_____
Roads	SQ FT	_____	_____	_____	_____
Playing Fields	SQ FT	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
2. RENOVATIONS, EXTERIOR:					
Wall Structure	SQ FT	_____	_____	_____	_____
Floor Structure	SQ FT	_____	_____	_____	_____
Roof Structure	SQ FT	_____	_____	_____	_____
Wall Facing	SQ FT	_____	_____	_____	_____
Windows	EACH	_____	_____	_____	_____
Doors/Frames	EACH	_____	_____	_____	_____
Roofing	SQ FT	_____	_____	_____	_____
Coping/Parapet	LIN FT	_____	_____	_____	_____
Painting	SQ FT	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____

3. RENOVATIONS, INTERIOR:

Floor Covering	SQ FT	_____	_____	_____	_____
Patch & Painting	SQ FT	_____	_____	_____	_____
Ceiling Finish	SQ FT	_____	_____	_____	_____
Plumbing	SQ FT	_____	_____	_____	_____
Heating/Ventilating	SQ FT	_____	_____	_____	_____
Air Conditioning	SQ FT	_____	_____	_____	_____
Lighting	SQ FT	_____	_____	_____	_____
Wiring	SQ FT	_____	_____	_____	_____
Fire Alarm	SQ FT	_____	_____	_____	_____
Communication System	SQ FT	_____	_____	_____	_____
Technology		_____	_____	_____	_____
Interior Doors	EACH	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____

4. BUILDING ADDITIONS INCLUDING FURNITURE, FURNISHINGS & EQUIPMENT:

Administration	SQ FT	_____	_____	_____	_____
Student Services	SQ FT	_____	_____	_____	_____
Kindergarten	SQ FT	_____	_____	_____	_____
Primary	SQ FT	_____	_____	_____	_____
Media Center	SQ FT	_____	_____	_____	_____
Special Education	SQ FT	_____	_____	_____	_____
Music	SQ FT	_____	_____	_____	_____
Art	SQ FT	_____	_____	_____	_____
Computer Lab	SQ FT	_____	_____	_____	_____
Multi-Purpose	SQ FT	_____	_____	_____	_____
Kitchen	SQ FT	_____	_____	_____	_____
Staff/Faculty	SQ FT	_____	_____	_____	_____
Toilets/Fixtures	SQ FT	_____	_____	_____	_____
Storage General	SQ FT	_____	_____	_____	_____
Storage Instructional	SQ FT	_____	_____	_____	_____
Custodial	SQ FT	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Circulation	@30%	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____

5. SPECIAL CONSTRUCTION:

Elevator	EACH	_____	_____	_____	_____
Sprinkler System	SQ FT	_____	_____	_____	_____
Kitchen Equipment	ALL	_____	_____	_____	_____
Waste Treatment	EACH	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____

Sub-Total

6. OTHER SPECIAL COSTS:

_____	_____
_____	_____
_____	_____

Sub-Total

7. ARCHITECTURAL/ENGINEERING FEES:

New Construction	_____ %	_____	_____	_____	_____
Renovations	_____ %	_____	_____	_____	_____

Sub-Total

8. MISCELLANEOUS:

Survey	EACH	_____	_____	_____	_____
Soil Inv.	EACH	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____

Sub-Total

9. CONTINGENCIES:

New Construction	_____ %	_____	_____	_____	_____
Renovations	_____ %	_____	_____	_____	_____

Sub-Total

10. GRAND TOTAL PROJECT COST:

Additional Land Improved to Bring to State Standard	_____ ACRES	_____ _____	_____ _____	_____ _____
	Design/Capacity	\$/Student	Amount	
Cost to Build a New School/No Land	_____	_____	_____	
Ratio – Cost to Improve The Building/Cost of New Building	_____	_____	_____	

**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
FACILITIES SPACES EVALUATION – MIDDLE/JUNIOR HIGH SCHOOL**

SCHOOL ID#: _____ COUNTY: _____
SCHOOL NAME: _____ DATE: _____

NOTE: Difference = No. of existing rooms – (minus) No. of required spaces

1. ADMINISTRATION: Exist spaces _____ Reqd spaces _____ Difference+/- _____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

2. STUDENT SERVICES: Exist spaces _____ Reqd spaces _____ Difference+/- _____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

3. BASIC: Exist spaces _____ Reqd spaces _____ Difference+/- _____

Language Arts

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

4. BASIC: Exist spaces _____ Reqd spaces _____ Difference+/- _____

Mathematics

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

5. BASIC: Exist spaces _____ Reqd spaces _____ Difference+/- _____

Social Studies

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

6. BASIC: Exist spaces____Reqd spaces____Difference+/- ____

Science

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

7. CORRECTIVE/REMEDIAL:Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

8. HEALTH EDUCATION: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

9. COMPUTER LAB: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

10. LIBRARY/MEDIA CTR.: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

11. ELECTRONIC TECH: Exist spaces____Reqd spaces____Difference+/- ____
(LAB)

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

12. HOME ECONOMICS: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

13. ART: Exist spaces____Reqd spaces____Difference+/- ____
 Size: 1 2 3 4 5
 Condition: 1 2 3 4 5
 Remarks:
14. BUSINESS ED: Exist spaces____Reqd spaces____Difference+/- ____
 Size: 1 2 3 4 5
 Condition: 1 2 3 4 5
 Remarks:
15. TECHNOLOGY: Exist spaces____Reqd spaces____Difference+/- ____
 EDUCATION
 Size: 1 2 3 4 5
 Condition: 1 2 3 4 5
 Remarks:
16. MUSIC: Exist spaces____Reqd spaces____Difference+/- ____
 Size: 1 2 3 4 5
 Condition: 1 2 3 4 5
 Remarks:
17. PHYSICAL ED: Exist spaces____Reqd spaces____Difference+/- ____
 Size: 1 2 3 4 5
 Condition: 1 2 3 4 5
 Remarks:
18. AUDITORIUM: Exist spaces____Reqd spaces____Difference+/- ____
 Size: 1 2 3 4 5
 Condition: 1 2 3 4 5
 Remarks:
19. KITCHEN: Exist spaces____Reqd spaces____Difference+/- ____
 Size: 1 2 3 4 5
 Condition: 1 2 3 4 5
 Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Below Average 5 = Excellent

20. DINING: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

21. EXCEPTIONAL: Exist spaces____Reqd spaces____Difference+/- ____
STUDENTS INSTRUCTION

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

22. STAFF/FACULTY: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

23. TOILETS: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

FIXTURES: Exist fixtrs____Reqd fixtrs____Difference+/- ____

Condition: 1 2 3 4 5

Remarks:

24. CUSTODIAL: No. of spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

25. MECHANICAL: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

26. STORAGE GENERAL: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

27. STORAGE INSTR: Exist spaces ____ Reqd spaces ____ Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

28. OTHER SPACES: No. of spaces ____ Reqd spaces ____ Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

29. ADEQUACY/CONDITION OF FURNISHINGS AND EQUIPMENT:

Condition: 1 2 3 4 5
Remarks:

30. ECONOMIES OF SCALE: 1 2 3 4 5
(Refer to Handbook – 100.0142 G)

31. BLDG UTILIZATION (U): ____% 1 2 3 4 5

Building Utilization = $100 \times \frac{\text{Current Enrollment}}{\text{Number of Existing Classrooms} \times 25}$

Building Utilization = ____%

Number of classrooms used for exceptionality education _____

*Below 60	61-70	71-80	81-85	Greater than 85
1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent				

*Building utilizations in the range of 80-90% are recommended. However, programmatic offerings must be considered and the building capacity may be reduced as programmatic offerings are factored into the utilization calculation.

SCHOOL IMPROVEMENT COST SUMMARY
(Based on deficiencies identified during the evaluation of existing facilities)

MIDDLE/JUNIOR HIGH SCHOOL

SCHOOL NAME/USE _____
COUNTY _____
DESIGN CAPACITY ENROLLMENT _____

IMPROVEMENT ITEM	UNIT	QUANTITY	UNIT COST	ITEM COST	REMARKS
1. SITE WORK					
Land Acquisition	ACRES	_____	_____	_____	_____
Excavation/Grade	CUB FT	_____	_____	_____	_____
Drainage	LIN FT	_____	_____	_____	_____
Walks (6 ft wide)	SQ FT	_____	_____	_____	_____
Parking	SQ FT	_____	_____	_____	_____
Bus Loading	SQ FT	_____	_____	_____	_____
Roads	SQ FT	_____	_____	_____	_____
Playing Fields	SQ FT	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
2. RENOVATIONS, EXTERIOR:					
Wall Structure	SQ FT	_____	_____	_____	_____
Floor Structure	SQ FT	_____	_____	_____	_____
Roof Structure	SQ FT	_____	_____	_____	_____
Wall Facing	SQ FT	_____	_____	_____	_____
Windows	EACH	_____	_____	_____	_____
Doors/Frames	EACH	_____	_____	_____	_____
Roofing	SQ FT	_____	_____	_____	_____
Coping/Parapet	LIN FT	_____	_____	_____	_____
Painting	SQ FT	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____

3. RENOVATIONS, INTERIOR:

Floor Covering	SQ FT	_____	_____	_____	_____
Patch & Painting	SQ FT	_____	_____	_____	_____
Ceiling Finish	SQ FT	_____	_____	_____	_____
Plumbing	SQ FT	_____	_____	_____	_____
Heating/Ventilating	SQ FT	_____	_____	_____	_____
Air Conditioning	SQ FT	_____	_____	_____	_____
Lighting	SQ FT	_____	_____	_____	_____
Wiring	SQ FT	_____	_____	_____	_____
Fire Alarm	SQ FT	_____	_____	_____	_____
Communication System	SQ FT	_____	_____	_____	_____
<u>Technology</u>		_____	_____	_____	_____
Interior Doors	EACH	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____

4. BUILDING ADDITIONS including Furniture, Furnishings and Equipment:

Administration	SQ FT	_____	_____	_____	_____
Student Services	SQ FT	_____	_____	_____	_____
Basic	SQ FT	_____	_____	_____	_____
Reading	SQ FT	_____	_____	_____	_____
Health Education	SQ FT	_____	_____	_____	_____
Computer Lab	SQ FT	_____	_____	_____	_____
Inst. Mat. Center	SQ FT	_____	_____	_____	_____
Home Economics	SQ FT	_____	_____	_____	_____
Art	SQ FT	_____	_____	_____	_____
Ind. Technology	SQ FT	_____	_____	_____	_____
Music	SQ FT	_____	_____	_____	_____
Physical Education	SQ FT	_____	_____	_____	_____
Auditorium	SQ FT	_____	_____	_____	_____
Kitchen	SQ FT	_____	_____	_____	_____
Dining	SQ FT	_____	_____	_____	_____
Business Education	SQ FT	_____	_____	_____	_____
Co-Op Education	SQ FT	_____	_____	_____	_____
Special Education	SQ FT	_____	_____	_____	_____
Drivers Education	SQ FT	_____	_____	_____	_____
Staff/Faculty	SQ FT	_____	_____	_____	_____
Toilets/Fixtures	SQ FT	_____	_____	_____	_____
Custodial	SQ FT	_____	_____	_____	_____
Mechanical	SQ FT	_____	_____	_____	_____
Storage – General	SQ FT	_____	_____	_____	_____
Storage – Instr.	SQ FT	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____

Other _____	_____	_____	_____	_____	_____
Circulation _____	@30%	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
5. SPECIAL CONSTRUCTION:					
Elevator _____	EACH	_____	_____	_____	_____
Sprinkler System _____	SQ FT	_____	_____	_____	_____
Kitchen Equipment _____	ALL	_____	_____	_____	_____
Waste Treatment _____	EACH	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
6. OTHER SPECIAL COSTS:					
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
7. ARCHITECTURAL/ENGINEERING FEES:					
New Construction _____	%	_____	_____	_____	_____
Renovations _____	%	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
8. MISCELLANEOUS:					
Survey _____	EACH	_____	_____	_____	_____
Soil Inv. _____	EACH	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
9. CONTINGENCIES:					
New Construction _____	%	_____	_____	_____	_____
Renovations _____	%	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____

10. GRAND TOTAL PROJECT COST	_____	_____	_____	_____
---------------------------------	-------	-------	-------	-------

ADDITIONAL LAND IMPROVED TO BRING TO STATE STANDARD	ACRES	_____	_____	_____	_____
---	-------	-------	-------	-------	-------

	Design/Capacity	\$/Student	Amount
COST TO BUILD A NEW SCHOOL/ NO LAND	_____	_____	_____

RATIO – COST TO IMPROVE THE BLDG/ COST OF NEW BLDG	_____	_____	_____
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**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
FACILITIES SPACES EVALUATION – HIGH SCHOOL**

School ID# _____ County: _____

School Name: _____ DATE: _____

NOTE: Difference = No. of existing spaces – (minus) No. of required spaces

1. ADMINISTRATION: Exist spaces _____ Req'd spaces _____ Difference+/- _____

Size:	1	2	3	4	5
Condition:	1	2	3	4	5
Remarks:					

2. STUDENT SERVICES: Exist spaces _____ Req'd spaces _____ Difference+/- _____

Size:	1	2	3	4	5
Condition:	1	2	3	4	5
Remarks:					

3. BASIC: Exist spaces _____ Req'd spaces _____ Difference+/- _____

Language Arts

Size:	1	2	3	4	5
Condition:	1	2	3	4	5
Remarks:					

4. BASIC: Exist spaces _____ Req'd spaces _____ Difference+/- _____

Mathematics

Size:	1	2	3	4	5
Condition:	1	2	3	4	5
Remarks:					

5. BASIC: Exist spaces _____ Req'd spaces _____ Difference+/- _____

Social Studies

Size:	1	2	3	4	5
Condition:	1	2	3	4	5
Remarks:					

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

6. BASIC: Exist spaces____Reqd spaces____Difference+/- ____

Science – General Science

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

7. BASIC: Exist spaces____Reqd spaces____Difference+/- ____

Science – Chemistry/Physics

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

8. BASIC: Exist spaces____Reqd spaces____Difference+/- ____

Science – Lecture Lab

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

9. BASIC: Exist spaces____Reqd spaces____Difference+/- ____

Science – Biology

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

10. CORRECTIVE/ REMEDIAL Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

11. HEALTH EDUCATION: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

12. COMPUTER LAB: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

13. LIBRARY/MEDIA: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

14. FAMILY & Exist spaces____Reqd spaces____Difference+/- ____
CONSUMER SCIENCE

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

15. ART: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

16. TECHNOLOGY Exist spaces____Reqd spaces____Difference+/- ____
EDUCATION

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

17. MUSIC: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

18. PHYSICAL ED: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

19. AUDITORIUM: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

20. KITCHEN: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

21. DINING: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

22. BUSINESS ED: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

23. CO-OP EDUCATION: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

24. EXCEPTIONAL STUDENT INSTRUCTION Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

25. DRIVERS ED: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

26. VOCATIONAL ED: Exist spaces____ Reqd spaces____ Difference+/- ____
Agricultural Ed

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

27. VOCATIONAL ED: Exist spaces____ Reqd spaces____ Difference+/- ____
Marketing Ed

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

28. VOCATIONAL ED: Exist spaces____ Reqd spaces____ Difference+/- ____
Diversified/Cooperative Training

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

29. VOCATIONAL ED: Exist spaces____ Reqd spaces____ Difference+/- ____
Vocational Health Occupations

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

30. VOCATIONAL ED: Exist spaces____ Reqd spaces____ Difference+/- ____
Family and Consumer Science

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

31. VOCATIONAL ED: Exist spaces____ Reqd spaces____ Difference+/- ____
Child Care Specialist

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

32. VOCATIONAL ED: Exist spaces____Reqd spaces____Difference+/- ____
Vocational/Industrial Technical

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

33. VOCATIONAL ED: Exist spaces____Reqd spaces____Difference+/- ____
Business Ed

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

34. VOCATIONAL ED: Exist spaces____Reqd spaces____Difference+/- ____
Tech Ed

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

35. STAFF/FACULTY: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

36. TOILETS: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

FIXTURES: Exist fixtrs____Reqd fixtrs____Difference+/- ____

Condition: 1 2 3 4 5
Remarks:

37. CUSTODIAL: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5
Condition: 1 2 3 4 5
Remarks:

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

38. MECHANICAL: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

39. STORAGE GENERAL: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

40. STORAGE INSTR: Exist spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

41. OTHER SPACES: No. of spaces____Reqd spaces____Difference+/- ____

Size: 1 2 3 4 5

Condition: 1 2 3 4 5

Remarks:

42. ADEQUACY/CONDITION OF FURNISHINGS AND EQUIPMENT:

Condition: 1 2 3 4 5

Remarks:

43. ECONOMIES OF SCALE: 1 2 3 4 5

(Refer to Handbook – 100.0142 G)

1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent

44. BLDG UTILIZATION (U): _____% 1 2 3 4 5

$$\text{Building Utilization} = 100 \times \frac{\text{Current Enrollment}}{\text{Number of Existing Classrooms} \times 25}$$

Building Utilization = _____%

Number of classrooms used for exceptionality education _____

*Below 60	61-70	71-80	81-85	Greater than 85
1 = Inadequate 2 = Below Average 3 = Average 4 = Above Average 5 = Excellent				

*Building utilizations in the range of 80-90% are recommended. However, programmatic offerings must be considered and the building capacity may be reduced as programmatic offerings are factored into the utilization calculation.

SCHOOL IMPROVEMENT COST SUMMARY
(Based on deficiencies identified during the evaluation of existing facilities)

HIGH SCHOOL

SCHOOL NAME/USE _____
COUNTY _____
DESIGN CAPACITY ENROLLMENT _____

IMPROVEMENT ITEM	UNIT	QUANTITY	UNIT COST	ITEM COST	REMARKS
1. SITE WORK					
Land Acquisition	ACRES	_____	_____	_____	_____
Excavation/Grade	CUB FT	_____	_____	_____	_____
Drainage	LIN FT	_____	_____	_____	_____
Walks (6 ft wide)	SQ FT	_____	_____	_____	_____
Parking	SQ FT	_____	_____	_____	_____
Bus Loading	SQ FT	_____	_____	_____	_____
Roads	SQ FT	_____	_____	_____	_____
Playing Fields	SQ FT	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
2. RENOVATIONS, EXTERIOR:					
Wall Structure	SQ FT	_____	_____	_____	_____
Floor Structure	SQ FT	_____	_____	_____	_____
Roof Structure	SQ FT	_____	_____	_____	_____
Wall Facing	SQ FT	_____	_____	_____	_____
Windows	EACH	_____	_____	_____	_____
Doors/Frames	EACH	_____	_____	_____	_____
Roofing	SQ FT	_____	_____	_____	_____
Coping/Parapet	LIN FT	_____	_____	_____	_____
Painting	SQ FT	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____

3. RENOVATIONS, INTERIOR:

Floor Covering	SQ FT	_____	_____	_____	_____
Patch & Painting	SQ FT	_____	_____	_____	_____
Ceiling Finish	SQ FT	_____	_____	_____	_____
Plumbing	SQ FT	_____	_____	_____	_____
Heating/Ventilating	SQ FT	_____	_____	_____	_____
Air Conditioning	SQ FT	_____	_____	_____	_____
Lighting	SQ FT	_____	_____	_____	_____
Wiring	SQ FT	_____	_____	_____	_____
Fire Alarm	SQ FT	_____	_____	_____	_____
Communication System	SQ FT	_____	_____	_____	_____
<u>Technology</u>		_____	_____	_____	_____
Interior Doors	EACH	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____

4. BUILDING ADDITIONS including Furniture, Furnishings and Equipment:

Administration	SQ FT	_____	_____	_____	_____
Student Services	SQ FT	_____	_____	_____	_____
Basic	SQ FT	_____	_____	_____	_____
Reading	SQ FT	_____	_____	_____	_____
Health Education	SQ FT	_____	_____	_____	_____
Computer Lab	SQ FT	_____	_____	_____	_____
Inst. Mat. Center	SQ FT	_____	_____	_____	_____
Home Economics	SQ FT	_____	_____	_____	_____
Art	SQ FT	_____	_____	_____	_____
Ind. Technology	SQ FT	_____	_____	_____	_____
Music	SQ FT	_____	_____	_____	_____
Physical Education	SQ FT	_____	_____	_____	_____
Auditorium	SQ FT	_____	_____	_____	_____
Kitchen	SQ FT	_____	_____	_____	_____
Dining	SQ FT	_____	_____	_____	_____
Special Education	SQ FT	_____	_____	_____	_____
Staff/Faculty	SQ FT	_____	_____	_____	_____
Toilets/Fixtures	SQ FT	_____	_____	_____	_____
Custodial	SQ FT	_____	_____	_____	_____
Mechanical	SQ FT	_____	_____	_____	_____
Storage General	SQ FT	_____	_____	_____	_____
Storage Instructional	SQ FT	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____

Circulation	@30%	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
5. SPECIAL CONSTRUCTION:					
Elevator	EACH	_____	_____	_____	_____
Sprinkler System	SQ FT	_____	_____	_____	_____
Kitchen Equipment	ALL	_____	_____	_____	_____
Waste Treatment	EACH	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Other _____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
6. OTHER SPECIAL COSTS:					
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
7. ARCHITECTURAL/ENGINEERING FEES:					
New Construction	_____ %	_____	_____	_____	_____
Renovations	_____ %	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
8. MISCELLANEOUS:					
Survey	EACH	_____	_____	_____	_____
Soil Inv.	EACH	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____
9. CONTINGENCIES:					
New Construction	_____ %	_____	_____	_____	_____
Renovations	_____ %	_____	_____	_____	_____
Sub-Total		_____	_____	_____	_____

10. GRAND TOTAL PROJECT COST	_____	_____	_____	_____	_____
ADDITIONAL LAND IMPROVED TO BRING TO STATE STANDARDS ACRES	_____	_____	_____	_____	_____
COST TO BUILD A NEW SCHOOL/ NO LAND	_____	_____	_____	_____	_____
RATIO – COST TO IMPROVE THE BLDG/COST OF NEW BLDG	_____	_____	_____	_____	_____

SBA 138
ARCHITECT/ENGINEER EVALUATION
FORM

**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
ARCHITECT/ENGINEER EVALUATION FORM**

COUNTY _____ PROJECT _____

ARCHITECTURAL/ENGINEERING FIRM NAME _____

Please respond to the following questions regarding the professional service performance of the above architectural or engineering firm performing planning design and construction service for the above project. Please circle the appropriate response.

- Did the architect/engineer demonstrate a cooperative ability to work successfully with the educational facilities planning committees?

Poor	Average	Excellent
1 2 3 4 5 6 7 8 9		

- To what extent did the architect/engineer provide accurate estimates of the probable construction cost of the project?

Poor	Average	Excellent
1 2 3 4 5 6 7 8 9		

- To what extent did the architect/engineer demonstrate the ability to produce the building design and construction documents within the established time schedule?

Poor	Average	Excellent
1 2 3 4 5 6 7 8 9		

- To what extent did the architect provide adequate on-site project observations during the construction phase of the project?

Poor	Average	Excellent
1 2 3 4 5 6 7 8 9		

- To the best of your knowledge did the architect/engineer provide timely responses on project submission documents and construction questions presented by the contractor during construction?

Poor	Average	Excellent
1 2 3 4 5 6 7 8 9		

- To what extent were construction change orders required as a result of the architect/engineer's errors or omissions in the construction documents (drawings and written specifications).

Poor			Average			Excellent		
1	2	3	4	5	6	7	8	9

Indicate the number of project change orders _____ that increased the cost of the project \$_____. Of these change orders, how many were required due to errors and omissions by the architect or engineer _____.

- Please indicate your overall evaluation of the architect's performance on this project.

Poor			Average			Excellent		
1	2	3	4	5	6	7	8	9

Would you consider using this architect/engineering firm in the future?

Yes _____ No _____

Confidential information provided will be compiled by the SBA and will be used in conjunction with an SBA Architect/Engineer performance instrument to formulate a composite evaluation of the overall performance of architectural and engineering firm's ability to perform future architectural or engineering services on SBA funded services.

This document must be submitted to the SBA office at the completion of each construction project.

ADDITIONAL COMMENTS:

Evaluator _____ Title _____ Date _____

SBA Form 138

**SCHOOL BUILDING AUTHORITY
OF WEST VIRGINIA**

**ARCHITECT/ENGINEER EVALUATION FORM
(Submit For Each Architect/Engineer at the Conclusion of the Project)**

PROJECT: _____ DATE: _____

ARCHITECT/ENGINEER: _____

ITEM	EVALUATION CRITERIA	EVALUATION SCORE
1	Ability to work cooperatively and successfully with the educational facilities planning committee	
2	Cooperation with the project review team (owner, SBA, CM, CA, etc.)	
3	Ability to produce the building design and construction documents within the established time schedule	
4	Quality of adequate on-site project observations during the construction phase of the project	
5	Attention to timely responses on project submission documents and construction questions presented by the contractor during construction	
6	Ability to minimize construction change orders required due to a lack of design coordination or incomplete construction documents	
7	Ability to work cooperatively with the SBA planning and design review process	
8	Ability to manage the construction contracts and work cooperatively with all contractors	
9	Ability to provide clear and concise construction documents	
10	Ability to produce school design within the established budget	
11	Number of project change orders _____ that increased the cost of the project \$ _____. Of these change orders, how many were required due to design coordination or incomplete construction documents by the architect or engineer	
12	Did the final design meet the educational goals Yes _____ No _____	
13	Would you consider using this architect/engineer in the future Yes _____ No _____	
14	Overall evaluation of the architect/engineer's performance on this project	

EVALUATION SCORING:
Rate the contractors performance based on the following scale:
5 = Excellent; 4 = Good; 3 = Satisfactory; 2 = Less than Satisfactory; 1 = Unacceptable; N/A = Not Applicable
Comments are required if any score is less than 3

EVALUATOR: _____ DATE: _____

SBA REPRESENTATIVE: _____ DATE: _____

COMMENTS: (Required for any score less than 3) - continued

[illegible]

SBA 139
MULTIPLE PRIME PROJECT
COMPLETION FORM

**WEST VIRGINIA SCHOOL BUILDING AUTHORITY
CERTIFICATE OF CONTRACT COMPLETION
FOR MULTIPLE PRIME PROJECT**

Upon completion of each prime contractor's contract the agency receiving SBA funding shall be responsible for submitting this completed original form to the SBA, with each prime contractor's final request for payment.

To the best of our knowledge, all required project close-out procedures have been followed and all project close-out documents have been submitted to initiate the release of final payment to this contractor.

ARCHITECTURAL FIRM NAME: _____

PROJECT ARCHITECT: _____ **DATE:** _____

PROJECT CONSTRUCTION COST:

LOCAL: _____
SBA: _____
OTHER: _____

PROJECT CONSTRUCTION COST TOTAL: _____

PRIME CONTRACT COST TOTAL: _____

PRIME CONTRACTOR NAME: _____

PRESIDENT/CEO: _____

SUBSTANTIAL COMPLETION DATE: _____

FINAL COMPLETION DATE: _____

COUNTY/AGENCY: _____

COUNTY/AGENCY PROJECT ADMINISTRATOR: _____ **DATE:** _____

PROJECT SCHOOL NAME: _____

Inspected this date by a representative of the School Building Authority. SBA funded projects must have a final inspection by a SBA representative.

Signature
SBA 139 (Revised 6/09)

Date

SBA 141
AREA SPACE ALLOCATION
(WORKSHEET #2)

SBA SUBJECT AREA SPACE ALLOCATION DATA
WORKSHEET #2

Project Name _____ **Prepared by** _____

Date _____ **Design Enrollment** _____ **Periods Per Day** _____

[illegible]

SBA141

SBA 142
SUMMARY OF SPACES
(WORKSHEET #1)

WORKSHEET #1

SUMMARY OF SPACES FROM CALCULATIONS IN SECTION IV

[illegible]

*Classroom numbers from the formula are not to be rounded to the nearest whole number, insert the actual answer from the formula. Example: Language Arts -- 3.4 classrooms

**SBA 143
MAINTENANCE AND CUSTODIAL CARE
SITE VISIT REPORT**

**School Building Authority of West Virginia
Maintenance and Custodial Care Site Visit Report**

School: _____ County: _____
SBA Representative: _____ WVDE Evaluation Date: _____
Inspection Reviewed with: _____ Title: _____ Date: _____

A. Problems cited by the West Virginia Department of Education (WVDE):

1. _____

2. _____

3. _____

B. Corrections made since the WVDE Site Visit:

1. _____

2. _____

3. _____

C. Problems cited during the SBA visit:

1. _____

2. _____

D. Conclusions of the SBA Evaluation Visit

- ☐ 1. The County has sufficiently addressed the problems and no additional improvements are required to assure good maintenance and custodial care of the facility.
- ☐ 2. The Plan of Improvement shown on this form has been jointly developed by the SBA representative and the County Superintendent or his/her designee to correct the deficiencies indicated at this facility.

Signature of this form indicates that: (1) The LEA is in agreement that the needed improvements have been made and no further action is necessary or, (2) The county is committed to implementing the jointly developed improvement plan to adequately provide the maintenance and custodial care of this school funded or partially funded with state funds from the School Building Authority (SBA) and (3) The LEA understands that improvements must occur within one year of the SBA site visit date above. Failure to comply will result in a recommendation to the State Board of Education and the West Virginia State Legislature to protect the investment of the State of West Virginia by withholding funds from the county's state aid formula to be used by the SBA to contract for such improvements.

SBA Representative (Date)

Superintendent of Schools (Date)

Board of Education President (Date)

**School Building Authority of West Virginia
School Facility Improvement Plan**

E. Plan of Improvement

Problem	Action to be Implemented	SBA F/U
1. _____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
2. _____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
3. _____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
4. _____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
5. _____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
6. _____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____

The SBA Representative has reviewed:

- ☐ 1. The previous year's county maintenance records for this facility.
- ☐ 2. The previous year's Requests for Maintenance made by the School Administration.
- ☐ 3. Any additions, modifications or repairs made to the facility.
- ☐ 4. Custodial or Related Staff Performance Policies.
- ☐ 5. The appropriateness of custodial and maintenance staff for this facility.
Custodial-FT__ PT__ FTE__ Maintenance-FT__ PT__ FTE__

Notes: _____

SBA 145
MIP ANNUAL UPDATE

**MAJOR IMPROVEMENT PROGRAM
ANNUAL UPDATE
(COMPLETED OR ON-GOING PROJECTS)**

COUNTY _____ **DATE** _____

Listed below are proposed capital improvement projects completed since January 1 of the previous calendar year. These projects are currently in the county Major Improvement Plan or are being amended into the plan with this action.

SCHOOL	PROJECT	COST	PROJECT CURRENTLY IN PLAN? Y OR N	PROJECT STATUS N/C/CO*
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
*N – New SBA 145a	C – Completed	CO – Continuous		

**MAJOR IMPROVEMENT PROGRAM
ANNUAL UPDATE
(PRIORITIZED LIST OF PROPOSED PROJECTS)**

COUNTY _____ **DATE** _____

Listed below are proposed capital improvement projects in order of priority. These projects are currently in the county Major Improvement Plan or are being amended into the plan with this action. (Use additional forms as needed)

SCHOOL	PROJECT	COST	PROJECT IS CURRENTLY IN PLAN? YES OR NO
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SBA 145b

SBA 146
SBA OCCUPANCY REPORT

SBA OCCUPANCY REPORT

PROJECT NAME: _____

Dear _____:

On _____ (date), a SBA representative conducted an on-site review of the above referenced project for the purpose of determining the suitability of the facility for occupancy by students and staff. Based on our observations, the SBA hereby releases the building for occupancy effective _____.

This SBA release to occupy the facility does not relieve the building owner, members of the design and construction team or any contractors from their responsibilities within the contract documents or SBA grant contract requirements regarding final completion of all work. Prior to occupying the facility, an Occupancy Permit must also be attained from the State Fire Marshal's Office.

Sincerely,

SBA Representative

SBA 146

SBA 147
TRANSLATING EDUCATIONAL NEEDS
INTO FACILITY NEEDS
AND
BUILDING IMPROVEMENT COST
SUMMARY

TRANSLATING EDUCATIONAL NEEDS INTO FACILITY NEEDS
Review and Recommendations

School Name & Address				Phone	Date
School Number	Grades Served	Building Program Capacity	Program % Utilization	Date of Original Construction	Additions

Ten Year Enrollment Projections

Previous Ten Year Enrollments:

Future Ten Year Enrollments:

2001 Enrollment _____	2006 Enrollment _____	2011 Enrollment _____	2016 Enrollment _____
2002 Enrollment _____	2007 Enrollment _____	2012 Enrollment _____	2017 Enrollment _____
2003 Enrollment _____	2008 Enrollment _____	2013 Enrollment _____	2018 Enrollment _____
2004 Enrollment _____	2009 Enrollment _____	2014 Enrollment _____	2019 Enrollment _____
2005 Enrollment _____	2010 Enrollment _____	2015 Enrollment _____	2020 Enrollment _____

Existing Facility Data

Describe Existing Facility:

Describe Existing Facility Site:

Recommendations:

(Additional Sheets May Be Needed)
SBA 147

BUILDING IMPROVEMENT COST SUMMARY

SCHOOL: _____

Description	Priority	Anticipated Completion Date	Total Cost	Anticipated Funding Source
Site Improvements:				
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
New Construction:				
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
Renovations/Additions (List each separate):				
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
Technology:				
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
Others (Describe):				
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
Contingency @ ____% addition/renovation			\$ _____	_____
A & E Fees at ____% on \$ _____			\$ _____	_____
Project Management at ____% on \$ _____			\$ _____	_____
Survey, geotechnical, contingency and other			\$ _____	_____
Total Improvement Cost			\$ _____	

SUMMARY OF FUNDING SOURCES:

Local	\$ _____	_____
Local Bond	\$ _____	_____
Local Levy	\$ _____	_____
SBA Needs	\$ _____	_____
SBA MIP	\$ _____	_____
Other (Describe)	\$ _____	_____
SBA 147		

SBA 148
HIGH SCHOOL SUMMARY OF
BUILDING IMPROVEMENTS

HIGH SCHOOL ATTENDANCE AREA FACILITIES SUMMARY

PROPOSED BUILDING USE AND CAPITAL IMPROVEMENTS

[illegible]

(SBA/WVDE 148)
Date: _____
TOTAL ESTIMATED EXPENDITURE \$ _____
IN THIS ATTENDANCE AREA

SBA 149
EVALUATION INSTRUMENT
PREVIOUS TEN YEAR CFP

EVALUATION INSTRUMENT

PREVIOUS TEN YEAR COMPREHENSIVE EDUCATIONAL FACILITY

From _____
To _____

West Virginia Code 18-9D-16(g) and State Board Policy 6200, Article 100.19 requires all county boards of education to submit an objective evaluation of the ten year Comprehensive Educational Facilities Plan (CEFP). This evaluation shall be completed by the CEFP committee established by the local board to plan the upcoming ten-year plan consisting of community members and professional staff from each high school attendance area. The committee will familiarize themselves with the state board requirements of the plan and the current county CEFP prior to completing this evaluation form. All amendments to the plan since the inception of the previous ten year plan will be objectively evaluated for its effectiveness and completeness of projects within that plan. The following should be used to effectuate this evaluation of the 2000 ten year plan and also be used as a means to improve future plans. Goals to be evaluated include WV Code 18-9D-16(g):

- | | |
|---|--|
| 1. Student Health and Safety | 5. Curricular Improvements |
| 2. Economies of Scale | 6. Educational Innovations |
| 3. Demographic Circumstances and Travel | 7. Adequacy of Space for Projected Enrollments |
| 4. Multi-County Projects | |

(1 – Poor Rating; 3 – Adequately met the need or requirement; 5 – Excellent Rating)

1. Did the CEFP contain all data required in State Board Policy 6200?

1 2 3 4 5

2. Was the data sufficient to allow prudent long-range planning decisions to be made regarding the educational direction and facility needs necessary to accomplish the desired goals of the ten-year plan?

1 2 3 4 5

3. Was the original plan significantly amended during the ten-year cycle?

Yes _____ No _____

If the original plan was altered:

 - (a) Did alternations in the plan generally prove to be positive changes?

1 2 3 4 5

 - (b) Did the amended plan effectively improve the county's ability to deliver the curriculum?

1 2 3 4 5

 - (c) Were the amendments generally politically initiated rather than educationally motivated?

1 2 3 4 5

4. Were local and SBA funds used effectively for individual school projects that further the overall goals of the county plan and the goals of the SBA as defined in 18-9D-16(d)?

1 2 3 4 5

5. To what degree has/will the projects identified in the ten year plan be effectively completed during this planning period?

25% 50% 70% 80% 85% 90% 95% 100%

Page Two

Comments relative to the major issues (positive and negative) that led to the conclusion of the evaluation committee in Items 1 thru 5. (Additional comments may be attached)

Comments relative to improving the plan to be developed for the upcoming ten year planning cycle.

List Committee Members below:

Committee Chairperson	Date
-----------------------	------

SBA 149

SBA 150
CEFP EVALUATION OF
COMPLETED PROJECTS

EVALUATION OF COMPLETED PROJECTS FROM THE CURRENT CEFP

County_____

Projects Completed From _____ to Report Date _____

Report Date_____

[illegible]

* 1. Did not achieve the objectives of the SBA - 3. Adequately met the SBA objectives or requirements - 5. Exceeded the expectations of the SBA objectives

COPY FOR ADDITIONAL PAGES

SBA 150

SBA 152
ABANDONED SCHOOLS REPORT

ABANDONED SCHOOLS REPORT

(List only abandoned schools still in the ownership of the county board of education)

[illegible]

SBA 156
BUILDING PROGRAM UTILIZATION
WORKSHEET #3

BUILDING PROGRAM UTILIZATION WORKSHEET

Worksheet #3

County: _____ School: _____ Current Enrollment: _____

Number Classrooms Types	x	Maximum Pupils/Class Type	=	Total Program Capacity
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____
_____		_____		_____

Totals _____

Program Utilization = $\frac{\text{Current Enrollment}}{\text{Total Program Capacity}}$ = _____

PROGRAM UTILIZATION = _____ % Desirable Program Capacity = 85%

Instructions for Calculating Building Program Utilization

Elementary School – Calculate the number and type of classrooms using the maximum program capacity for each regular or special classroom. Assume for example – that all students are seated in a first period block without pullout programs. Do not include library/media, cafeteria, itinerant spaces, resource rooms, or optional academic classrooms such as art, music and computer labs that act as pullout programs to support the core curriculum.

Secondary School – Middle/Junior High School programs where various schedules exist, calculate the number and type of classrooms using the maximum program capacity for each regular or special classroom. Assume for example, that all students are seated in a first period block and exclude library/media, commons or any space that cannot be used for other course offerings in the daily capacity of each facility. The maximum capacity for instructional spaces for specialty classrooms is counted once. A specialty classroom may be available throughout the school day but due to its specialized design or equipment it is rendered impractical to use for other instructional purposes.

SBA 157
BID CERTIFICATION FORM

Bid Certification Form

I, hereby certify that the bid requirement found in Article 22, Section 5-22-1 of the West Virginia State Code have or will be met should I be awarded the construction contract for the project referenced below. I further certify that all requirements found in the School Building Authority, Supplemental General Conditions applicable to this project and bound within the bidding documents for this project will be complied with prior to the execution of the construction contract. I understand that if the SBA requirements exceed those of West Virginia Code, the more stringent requirements will apply to this project.

Project Name: _____ Date: _____

Name of Contractor's Company: _____

Signature of Responsible Contractor: _____

Notary's Signature: _____

Notary Seal

(Revised 6/09)

SBA 157

SBA 158
TECHNOLOGY INFRASTRUCTURE REVIEW

**SCHOOL BUILDING AUTHORITY OF WV
TECHNOLOGY INFRASTRUCTURE REVIEW**

Standard	Met	Not Met	Rational for Improvement	Cost to Meet Standard
General Network/Communications				
1. Cabling complies with all applicable IEEE, EIA/TIA Standards				\$
2. Cabling complies with applicable state and local fire and building codes				\$
3. Cabling documents on hand includes schematics, cable lengths, equipment locations and certifications				\$
4. Cable trays, wire guides and supports provided and properly installed				\$
5. Cabling enclosed and protected where accessible				\$
6. Cabling is uniform and clearly labeled at distribution frames, electronics and work stations				\$
7. Adequate electrical circuits with isolated ground provided for all electronic equipment				\$
8. All exterior, non-fiber cable includes shielding and lightening arresters at building penetrations				\$
Network Subtotal				\$
Distance Learning Is distance learning utilized in this facility? 9. Yes				
10. If no, equipment needed and cost				\$
Distance Learning Subtotal				\$
GRAND TOTAL ALL TECHNOLOGY				\$

(Use back of Form or Additional Sheets, if necessary)
sba158

SBA 159
VERIFICATION OF HVAC TRAINING

VERIFICATION OF HVAC TRAINING

(Required closeout document to be submitted by the county board of education)

Project Name: _____

Architect/Engineer: _____

Responsible Contractor(s): _____

Date(s) of Training: _____

HVAC training was provided by the responsible contractor for the above referenced project. This training was performed in accordance with the contract documents. All owner's manuals and operating instructions for the HVAC system(s) were provided to the owner for future use. The following individuals were present for the training:

<u>NAME</u>	<u>REPRESENTING</u>	<u>NAME</u>	<u>REPRESENTING</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

The following have verified that the required HVAC training has been satisfactorily completed:

_____ <i>(Responsible Contractor's signature)</i>	_____ <i>(Date)</i>
_____ <i>(Responsible Contractor's signature)</i>	_____ <i>(Date)</i>
_____ <i>(County Superintendent's signature)</i>	_____ <i>(Date)</i>
_____ <i>(DOE HVAC technician's signature)</i>	_____ <i>(Date)</i>

SBA 160
SCHOOL ACCESS SAFETY REPAIR AND
RENOVATION SCHEDULE
ANNUAL UPDATE

**SCHOOL ACCESS SAFETY REPAIR AND RENOVATION
SCHEDULE**

_____ COUNTY _____ DATE

SCHOOL	REPAIR/ RENOVATIONS	PRIORITY	ANTICIPATED COMPLETION	COST	FUNDING SOURCE

[illegible]

sba160

SBA 161
SCHOOL ACCESS SAFETY PLAN
AUDIT

SCHOOL: _____

Access Control Audit - Planning

A Safety Committee's primary function is to monitor school safety needs for the purpose of identifying problems and recommending solutions for school safety. These stakeholders serve as the steering committee for self-assessment and planning. Written policies communicate responsibilities for preventing, managing and responding to violence or crises.

Indicate the extent to which each of the following is in place.

not at all	partial	effective
------------	---------	-----------

--	--	--

COMMENTS:

- 1 A functional school Safety Committee (i.e. administrator, teacher, secretary, custodian, student, parent, 911 responders) is in place.

--	--	--

COMMENTS:

- 2 There is a system-wide, documented "Closed Campus" policy to ensure authorized access to the school by staff, students and visitors.

--	--	--

COMMENTS:

- 3 There are system-wide, documented "Lock Down" procedures for staff.

--	--	--

COMMENTS:

- 4 "Lock Down" procedures are drilled and evaluated on a regular basis to ensure timely response for staff and students.

--	--	--

COMMENTS:

- 5 All visitors are required to produce photo ID and be authorized by a staff member at the main entrance before access to the building is permitted.

--	--	--

COMMENTS:

- 6 All visitors are issued a temporary badge that hangs on a lanyard around the neck before access to the building is permitted.

--	--	--

COMMENTS:

- 7 Has a current and comprehensive crisis plan in place, known by staff and rehearsed through periodic drills (i.e. evacuation, shelter-in-place).

--	--	--

COMMENTS:

- 8 Accurate evacuation maps are posted in every room (i.e. classrooms, offices, restrooms) in the school.

--	--	--

COMMENTS:

- 9 Has a documented chain-of-command structure in place to manage crises.

SCHOOL: _____

Access Control Audit - Deterrence

Deterrence is any preemptive action, reaction, administrative capability, or design, which moderates a threat or act. It reduces the motivation of adversaries (i.e., discourages, hinders, impedes, restrains).

Indicate the extent to which each of the following is in place.

not at all	partial	effective
------------	---------	-----------

--	--	--

COMMENTS:

- 1 Signs at campus entries (i.e. parking lot) and perimeter prohibit contraband (i.e. weapons, drugs) and trespassing on school property.

--	--	--

COMMENTS:

- 2 Signs on all school exterior doors, inside and outside, state each door's usage (i.e. main entrance, alternate entrance, emergency exit).

--	--	--

COMMENTS:

- 3 Numbers are clearly posted on all school exterior doors, inside and outside, for emergency responders.

--	--	--

COMMENTS:

- 4 Room numbers are clearly posted on all interior doors (i.e. offices, classrooms) for emergency responders.

--	--	--

COMMENTS:

- 5 Fixed or moveable barriers are positioned to prevent vehicular access to areas where people gather (i.e. main entrance, grounds).

--	--	--

COMMENTS:

- 6 Shrubbery near entries, windows and pathways has been trimmed to a maximum height of 24 inches to provide clear lines of sight and prevent concealment.

--	--	--

COMMENTS:

- 7 Trees limbs near entries, windows and pathways have been trimmed to a minimum height of six feet to provide clear lines of sight and prevent concealment.

--	--	--

COMMENTS:

- 8 Measures have been implemented to prevent unauthorized access onto the school roof.

--	--	--

COMMENTS:

- 9 Exterior lighting at entries, along pathways, and in parking areas is bright and allows for viewing of unauthorized activities.

SCHOOL: _____

Access Control Audit - Detection

Detection is sensing and assessing unauthorized acts in a timely manner. Unauthorized acts may use either force or deceit tactics. Detection may be accomplished by personnel or hardware (alarm sensors, access control devices, and assessment).

Indicate the extent to which each of the following is in place.

not at all	partial	effective
------------	---------	-----------

--	--	--

COMMENTS:

- 1 All adults in the school (i.e. staff, visitors, contractors) are required to wear ID badges on a lanyard around the neck.

--	--	--

COMMENTS:

- 2 Staff are continuously trained and drilled to ensure knowledge of security procedures, means and roles in responding to a crisis.

--	--	--

COMMENTS:

- 3 The school has a closed circuit television system that includes a camera at the main entrance and digital recording capabilities.

--	--	--

COMMENTS:

- 4 The school has an intrusion alarm system that includes central station monitoring.

--	--	--

COMMENTS:

- 5 The school utilizes equipment (hand-held or portal), K-9s and procedures to detect contraband (i.e. metal, drugs, explosives).

--	--	--

COMMENTS:

- 6 Entries approved for authorized access by staff and students are monitored to ensure proper use and prevent unauthorized access by visitors.

--	--	--

COMMENTS:

- 7 The school makes use of entry control devices (i.e. cards, fobs, keys) to prevent unauthorized access to the building.

SCHOOL: _____

Access Control Audit - Delay

Delay is a physical barrier that slows and impedes an unauthorized act after it has been detected.

Indicate the extent to which each of the following is in place.

not at all	partial	effective
------------	---------	-----------

--	--	--

COMMENTS:

- 1 All classrooms and offices are equipped with functional locking mechanisms and all staff are trained in their use.

--	--	--

COMMENTS:

- 2 Existing locking mechanisms on classroom and office doors lock from the inside.

--	--	--

COMMENTS:

- 3 Windows in classroom and office doors are reinforced (i.e. wire mesh, plastic laminate) to prevent forced access.

--	--	--

COMMENTS:

- 4 Windows adjacent to classroom and office doors are reinforced (i.e. wire mesh, plastic laminate) to prevent forced access.

--	--	--

COMMENTS:

- 5 The main entrance to the building has a locked vestibule (man trap) for visitor authorization purposes.

--	--	--

COMMENTS:

- 6 All school entrances are monitored and controlled through locking, supervision or electronic surveillance.

--	--	--

COMMENTS:

- 7 Access to sensitive areas (i.e. computer labs) is restricted through the use of access control systems.

--	--	--

COMMENTS:

- 8 The school possesses and implements written key control practices for interior and exterior doors.

SCHOOL: _____

Access Control Audit - Communications

Communication systems consist of the equipment and procedures used by school personnel for sending and receiving messages, both internally and externally.

Indicate the extent to which each of the following is in place.

not at all	partial	effective
------------	---------	-----------

--	--	--

COMMENTS:

- 1 Intercom systems to reach school response personnel in an emergency are available throughout the school.

--	--	--

COMMENTS:

- 2 Public Address (PA) systems to reach school response personnel in an emergency are available throughout the school and campus.

--	--	--

COMMENTS:

- 3 Telephone systems to reach school response personnel and 911 responders in an emergency are available throughout the school.

--	--	--

COMMENTS:

- 4 The school has a dedicated outside line to reach emergency responders during a crisis.

--	--	--

COMMENTS:

- 5 Two-way radios to reach school response personnel in an emergency are available throughout the school and campus.

--	--	--

COMMENTS:

- 6 Duress (panic) devices are available throughout the school and campus.

--	--	--

COMMENTS:

- 7 Public Address (PA) systems are equipped with back-up power supplies (i.e. battery, generator).

SBA 162
CEFP EXECUTIVE SUMMARY

**EXECUTIVE SUMMARY
COMPREHENSIVE EDUCATIONAL FACILITIES PLAN**

ANNUAL REPORT YEAR _____ COUNTY _____

1. Number of existing schools currently within the county
(Include vocational, special education, adult education) _____
2. Number of schools that will be closed during the ten year
planning period. _____
3. Number of schools that will exist in the county at the close
of the ten year planning period if the CEFP is completed. _____
4. Total estimated cost remaining to implement the entire CEFP. \$ _____
5. Total estimated cost of anticipated SBA funded "Needs" and
"MIP" projects in the CEFP. \$ _____
6. Total cost for all other projects within the CEFP to be funded
from county or other sources excluding SBA funds. \$ _____
7. Has regionalization of school facilities been considered within
the CEFP? If so, please give a brief description. Yes _____
No _____

8. *Approximate annual cost savings as a result of school closures
anticipated in the CEFP? \$ _____
Annual Cost Savings
\$ _____
Avoided Costs

Include approximate savings such as: annual utilities, annual
maintenance & reduced staff also, subtract any related costs
associated with additional transportation, one time cost for
moving of student and staff from a closed facility, etc.
9. Has educational innovation been addressed with the ten year
CEFP? If so, please give a brief description. Yes _____
No _____

*Please indicate annual cost savings per county as indicated. Also, please indicate any cost avoided per county such as anticipated expenditures on schools scheduled to be closed for major renovations that may be required should the facility remain open.

Date
SBA162

County Superintendent

SBA 163
CEFP PROGRESS REPORT #1

**COMPREHENSIVE EDUCATIONAL FACILITIES PLAN
PROGRESS REPORT #1**

Please complete the following questions. *Additional sheets may be needed.*

1. Briefly describe the sub-committees of the planning committee appointed to develop the CEFP and describe their responsibilities.

2. List the chairperson and members, both professional and citizen of the planning committee and each sub-committee. Please include addresses and phone numbers.

3. Indicate preliminary goals and objectives developed by the committees and presented to the county board of education for review. *(See State Board Policy 6200, Chapter 1, Section 100.01)*

Superintendent

Submitted by

SBA 164
CEFP PROGRESS REPORT #2

**COMPREHENSIVE EDUCATIONAL FACILITIES PLAN
PROGRESS REPORT #2**

This progress report is verification that the planning team and committee has completed the data collection portion of the CEF. ~~It is to~~ This, along with a draft copy of the completed draft sections of the plan, must be submitted to the State Department of Education and the SBA as soon as this portion of the plan is complete or as directed by the SBA. Listed below are the key elementary for which data has been compiled.

	Date Completed
A. Final Goals and Objectives – Adopted by the Board of Education	_____
B. Community Analysis	_____
C. Population and Enrollment Study	_____
D. Educational Plan	_____
E. Evaluation and Inventory	_____
F. Major Improvement Plan	_____
G. Inter-County Facility Feasibility Study	_____

What is your projected completion date for the plan? _____

Superintendent

Submitted by

SBA 165
MAJOR IMPROVEMENT PLAN
EXECUTIVE SUMMARY

**SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
PROJECT EXECUTIVE SUMMARY
MAJOR IMPROVEMENT PLAN**

PROJECT _____

COUNTY _____ **COUNTY PRIORITY** _____

PROJECT COST _____ **DATE** _____ **SBA FUNDING CYCLE** _____

PROJECT DESCRIPTION:

FUNDING SOURCE:

TO IMPLEMENT TOTAL MIP

SBA \$ _____ TYPE _____
LOCAL _____ TYPE _____
OTHER _____
TOTAL _____

FUNDING FOR THIS PROJECT

SBA \$ _____ TYPE _____
LOCAL _____ TYPE _____
OTHER _____
TOTAL _____

Bonding Capacity \$ _____
Excess Levy Capacity \$ _____

Available Bonding Capacity \$ _____
Available Levy Capacity \$ _____

COUNTYWIDE BUDGET INFORMATION

- Are Excess Levy Funds Dedicated Annually to Maintenance? Yes ___ No ___
Amount \$ _____
- Are Excess Levy Funds Dedicated Annually to Building Improvements? Yes ___ No ___
Amount \$ _____
- Percent of Total Building Improvement or Maintenance Budget supported by Levy
_____% (Based on data provided above)
- Percent of Total County Budget dedicated to Facility Maintenance _____%
- Maintenance Budget this Year \$ _____
- Maintenance Expenditures Last Year Total \$ _____
\$/Square Foot _____
- Average Maintenance Budget for lowest three of the past five years \$ _____

**COMPLIANCE WITH SBA REQUIREMENTS
PROPOSED NEW PROJECT**

Briefly describe how this project affects the following:

- **HEALTH AND SAFETY**

- **ECONOMIES OF SCALE**

Number of students enrolled in the affected facilities _____

Economies of scale will ____ will not ____ be achieved or will not be altered ____ as a result of the completion of this project.

ANNUAL SAVINGS \$ _____ COST AVOIDANCES \$ _____
(Achieved on this project) (Achieved on this project)

IF IMPLEMENTED, WHAT IS THE AFFECT OF THIS PROJECT ON PERSONNEL?

- | | | | |
|---------------------|-----------------|-------------------|------------------|
| • TEACHER | Present # _____ | Projected # _____ | Difference _____ |
| • SERVICE PERSONNEL | _____ | _____ | _____ |
| • ADMINISTRATORS | _____ | _____ | _____ |

- **MULTICOUNTY PROJECT**

- **EDUCATIONAL INNOVATIONS AND IMPROVEMENTS**

- **ADEQUATE SPACE FOR PROJECTED STUDENT ENROLLMENT**
- **TRAVEL TIME**
- **EFFECTIVE AND EFFICIENT USE OF PROPOSED FUNDING**
- **PROVIDING OR IMPROVING A PREVENTIVE MAINTENANCE PLAN**
- **FURTHERANCE OF THE OVERALL GOALS OF THE SBA AND THE COUNTY/AGENCY MAJOR IMPROVEMENT PLAN**

SBA 166
SBA MAXIMUM GROSS BUILDING SQUARE
FOOTAGE ALLOWANCE

SBA MAXIMUM GROSS BUILDING SQUARE FOOTAGE ALLOWANCE**(Revised April 2009)**

<u>Number of Students</u>	<u>Square Feet Per Student</u> (NEW)
---------------------------	---

ELEMENTARY

Up to 240 students	168
241-265	158
266-290	150
291-315	141
316-340	135
341-399	128
400-440	118
441-490	112
491-540	106
541-590	100
591-640	100
Over 641 students	99

MIDDLE/JUNIOR HIGH

Up to 500 students	154
501-550	149
551-600	144
601-650	138
651-700	133
701-750	128
751-800	123
801-850	118
851-925	113
926-1000	107
Over 1000 students	102

HIGH SCHOOLS

Up to 500 students	234
501-550	224
551-600	219
601-650	213
651-700	198
701-750	188
751-799	181
800-900	175
901-1000	168
1001-1150	163
1151-1300	157
1301-1500	152
Over 1500 students	146

Maximum allowable square footages are used to provide equity for funding of school with various design enrollments. Actual building design square footage will be dictated by the number of square feet allowed per student and the building program utilization calculation prepared for each project. If a full or partial inclusion Model No. 1 for special education is used, the maximum square footage may be reduced.

SBA 167
SBA MAXIMUM CLASS SIZES

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA			
Maximum Class Sizes			
Classroom Type	EL	MS	HS
Kindergarten and Pre-Kindergarten	20		
General Instruction Areas	25	25	25
Corrective or Remedial Education	15	15	15
Art Rooms (Optional/EL)	25	25	25
Driver Education Facilities			25
Consumer/Homemaking Classroom (Optional)		25	25
Consumer/Homemaking Lab		25	25
Foreign Language Facilities		25	25
Foreign Language Lab (Optional)		25	25
Technology Education		20	
Technology Education Lab/Classroom		25	
Music Facilities (Optional/EL)	25	25	40
Ensemble Room (Optional)			12
Physical Education	25	70	70
Science Facilities		25	20 25
Micro-Computer Lab (Optional)	25	20	20
Electronic Technology Lab (Optional)		75	
Auditorium (33% of total student body - min. 250)			
Behavior Disorders	8	8	8
Communication Disorders (Self Contained)	12	12	12
Deaf/Blind (Self Contained)	3	3	3
Mildly Mentally Impaired (Self Contained)	12	12	12
Moderately Mentally Impaired (Self Contained)	12	12	12
Autism	10	10	10
Severely/Profoundly Mentally Impaired (Self Contained)	9	9	9
Deaf and Hard of Hearing	10	10	10
Blind and Partially Sighted	10	10	10
Specific Learning Disabilities (Self Contained)	12	12	12
Pre-School Handicapped (Self Contained)	10		
Gifted Education (Self Contained)	15	15	15
Resource Services (Regular Program Support)	15	15	15
Agricultural Education			20 25
Agricultural Mechanics Lab			20
Marketing Education			25
Diversified Cooperative Training			25
Vocational Health Occupations			25
Health Occupations Lab			25

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA			
Maximum Class Sizes			
Classroom Type	EL	MS	HS
Family and Consumer Science (FACS)			25 20
Food Management, Production & Services (Occup)			20
Child Care Specialist (Occup)			20
Vocational/Industrial & Technical Classrooms			20
Industrial and Technical Lab			20
Business Education Classroom			20 25
Computer/Keyboarding Lab			30 25
Office Technology			20
Tech Ed. Production Lab		20	20
Tech Ed. Systems Lab			20

Bold type spaces are instructional areas for students with exceptionalities. Most students with exceptionalities are served in general education classrooms designed to accommodate students with exceptionalities. Maximum class sizes are shown to provide design data where self-contained rooms are provided. Exceptions to these class sizes may occur with approval of the State Department of Education. See also Chapter 7 of the "Handbook on Planning School Facilities" (State Board of Education Policy 6200) for Level, II and III services where applicable.

clasize
SBA 167
revised 6/11

SBA 168
SBA JOB SIGN
(NEEDS)

16' - 0"

3" (Brief Project Description)

10" (SCHOOL or)
10" (FACILITY NAME)

3" (Superintendent's Name)
2-1/2" State Superintendent of Schools

3" (Local) County
3" Board of Education

3" (Superintendent's Name)
2-1/2" Superintendent

3" (Architect's Name)
2-1/2" (City, State)

3" West Virginia
3" School Building Authority

2-1/2" (Executive Director's Name)
2" Executive Director

2-1/2" (SBA Member), Vice President
(SBA Member), Secretary

(SBA Member)

(SBA Member)

(SBA Member)

(SBA Member)

(SBA Member)

(SBA Member)

(SBA Member)

3" (Speaker of the House Name) 3" (Senate President's Name)

3" Speaker of the House

3" Senate President

3" Governor

3" "Investing in West Virginia's Future"

NOTE:

1. THE PROJECT SIGN MUST BE VISIBLE AND LEGIBLE FROM HIGHWAYS.
2. IF THE PROJECT SIGN IS LOCATED ON DEPARTMENT OF HIGHWAYS RIGHT-OF-WAY, COORDINATE PLACEMENT WITH THE REGIONAL OFFICE.
3. THE PROJECT SIGN SHOULD BE PLACED IN A LOCATION SO AS TO NOT CREATE A SAFETY HAZARD FOR MOTORISTS OR PEDESTRIANS.
4. COORDINATE THE QUANTITY AND NAMES OF CONTRACTORS FOR EACH PROJECT. (SINGLE-FRAME OR MULTIPLE-FRAME).
5. FUNDING BY LOCAL COUNTY IS OPTIONAL. IF ADDITIONAL LOCAL FUNDING IS INCLUDED IN PROJECT.

SBA 169
SBA JOB SIGN
(MIP)

24" x 36"

1/2" (Brief Project Description)

(SCHOOL or) (FACILITY NAME)

(Superintendent's Name)
State Superintendent of Schools

(Local) County
Board of Education

(Superintendent's Name)
Superintendent

(Architect's Name)
(City, State)

2" (\$X,XXX,000) Funding by (County Name)

2" (\$X,XXX,000) Funding by:

School Building Authority

3" of West Virginia

(Governor's Name)

2" Governor

2" (Speaker of the House Name) 2" (Senate President's Name)

1/2" Speaker of the House

1/2" Senate President

West Virginia
School Building Authority

(Executive Director's Name)
Executive Director

(SBA Member), Vice President

(SBA Member), Secretary

(SBA Member)

(SBA Member)

(SBA Member)

(SBA Member)

(SBA Member)

(SBA Member)

(SBA Member)

3" "Investing in West Virginia's Future"

NOTE:

1. THE PROJECT SIGN MUST BE VISIBLE AND LEGIBLE FROM HIGHWAYS.
2. IF THE PROJECT SIGN IS LOCATED ON DEPARTMENT OF HIGHWAYS RIGHT OF WAY, COORDINATE PLACEMENT WITH THE REGIONAL OFFICE.
3. THE PROJECT SIGN SHOULD BE PLACED IN A LOCATION SO AS TO NOT CREATE A SAFETY HAZARD FOR MOTORISTS OR PEDESTRIANS.
4. COORDINATE THE QUANTITY AND NAMES OF CONTRACTORS FOR EACH PROJECT. (SINGLE-PRIME OR MULTIPLE-PRIME).
5. FUNDING BY LOCAL COUNTY IS OPTIONAL IF ADDITIONAL LOCAL FUNDING IS INCLUDED IN PROJECT.

3'-4 1/2" TO FLOOR LINE

1'-11 1/2" 2'-4" 1'-11 1/2" 1'-11 1/2"

(Project Name)

School

(YEAR)

1/2" (COUNTY NAME) COUNTY BOARD OF EDUCATION 1/4" (SUPERINTENDENT'S NAME) 1/4" SUPERINTENDENT 1/4" (BOARD PRESIDENT'S NAME) PRESIDENT 1/4" (BOARD MEMBER'S NAME) 1/4" (BOARD MEMBER'S NAME) 1/4" (BOARD MEMBER'S NAME) 1/4" (BOARD MEMBER'S NAME) 1/4" (CLERK OF THE WORKS NAME) CLERK OF THE WORKS	1/2" SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA 1/4" (GOVERNOR'S NAME) 1/4" STATUTORY PRESIDENT 1/4" (EXECUTIVE DIRECTOR'S NAME) (GOVERNOR'S DESIGNEE NAME) 1/4" EXECUTIVE DIRECTOR GOVERNOR'S DESIGNEE 1/4" (VICE PRESIDENT'S NAME) (SECRETARY'S NAME) VICE PRESIDENT SECRETARY 1/4" (BOARD MEMBER'S NAME) (BOARD MEMBER'S NAME) 1/4" (BOARD MEMBER'S NAME) (BOARD MEMBER'S NAME) 1/4" (BOARD MEMBER'S NAME) (BOARD MEMBER'S NAME) 1/4" (BOARD MEMBER'S NAME) (BOARD MEMBER'S NAME) 1/4" (SBA REPRESENTATIVE'S NAME) SBA REPRESENTATIVE
--	--

1/2" (GOVERNOR'S NAME)
CHIEF GOVERNOR

1/2" (SPEAKER OF THE HOUSE NAME)
SPEAKER OF THE HOUSE

1/2" (SENATE PRESIDENT'S NAME)
SENATE PRESIDENT

1/4" (ARCHITECT'S NAME)
1/4" ARCHITECT

1/4" (PLUMBING CONTRACTOR'S NAME) (GENERAL CONTRACTOR'S NAME) (MECHANICAL CONTRACTOR'S NAME)
1/4" PLUMBING CONTRACTOR 1/4" GENERAL CONTRACTOR 1/4" MECHANICAL CONTRACTOR

1/4" (SPRINKLER CONTRACTOR'S NAME)
1/4" SPRINKLER CONTRACTOR

1/4" (ELECTRICAL CONTRACTOR'S NAME)
1/4" ELECTRICAL CONTRACTOR

3/4" PAISED MATTE FINISH BORDER

BACKGROUND RECESSED WITH RAISED MATTE FINISH LETTERS

COORDINATE QUANTITY AND NAMES OF CONTRACTORS FOR EACH PROJECT (SINGLE PRIME OR MULTIPLE PRIME)

SBA 171
DESIGN BUILD SERVICES

DRAFT

INVITATION FOR QUALIFICATIONS (IFQ)

_____, 2007

**Design-Build Services
For**

A proposal in response to this IFQ must be submitted to the _____ no later than _____ on _____, 2007. It must be plainly marked:

Proposal for IFQ Design-Build Services for

The responsibility for submitting a response to this IFQ at the _____ County Board of Education office located at _____ on or before the stipulated time and date will be solely and strictly the responsibility of the proposer. The _____ Board of Education will in no way be responsible for delays caused by the United States Postal Service or caused by any other occurrence. Any proposals received after the stipulated time and date will not be accepted, nor opened, and will be returned. A bid bond equivalent to 5% of the construction cost must be provided with the cost proposal. Specific project information can be obtained by contacting _____ at _____. Questions concerning the specifics of the project(s) should be directed to _____ at _____.

_____ **COUNTY BOARD OF EDUCATION**

Office of _____

INVITATION FOR QUALIFICATIONS

**Design-Build Services
For**

_____ **(School)**

_____ **(Date)**

TABLE OF CONTENTS

Section	Title
1	Invitation for Qualifications
2	Project Description
3	Instructions to Submitting Firms/Teams
4	Qualification Process
5	Selection Process

SECTION 1 – INVITATION FOR QUALIFICATIONS (IFQ)

Pursuant to West Virginia Code 5-22A-1 and Legislative Rules 148-CSR-11 the _____ County Board of Education intends to contract with a Design-Build firm/team to provide professional services for:

Selection of the Design-Builder shall conform to the State of West Virginia's Consultants Competitive Negotiations Act and shall satisfy qualification requirements as defined by West Virginia Code 5-22A-1 and et. seq. and Title 148, Legislative Rules for selecting Design-Builders under the Design-Build Procurement Act. _____ County Board of Education reserves the right to reject any or all IFQ proposals if it is determined to be in the best interest of the county board of education.

The successful Design-Builder will be expected to enter into a single point of responsibility agreement with _____ County Board of Education to provide complete professional architectural and engineering design services, permitting and construction services including all labor and materials for the completion of the project.

Firms/teams interested in providing design/build services to _____ County are hereby notified that Proposals for providing the requested services in response to this IFQ will be accepted until _____ and must be received by mail or delivered in hand to the following location. Proposals received after this deadline will be disqualified.

_____ County Board of Education

The proposal is limited to 25 pages (excluding the required SBA forms) and shall be presented in a binder format, tabbed according to the Evaluation Criteria. Proposals will not be reviewed until expiration of the time established for making proposals as set forth in the IFQ. One (1) original and ten (10) copies of the proposal shall be submitted which are clearly labeled with the project name and the name of the submitting firm/team.

The format of the proposal shall be in strict conformance with the stipulated criteria in Instructions to Submitting Firms/Teams (Section 3) and the Selection Process (Section 4).

A Selection Team will review the proposals and evaluate the qualifications of each Design-Build firm/team. Interviews will be scheduled and the selection committee will evaluate and score each firm/team based on the proposal information and the interview. A minimum of three-five firms/teams will be selected to submit a Request for Proposal to complete the design and construction of the project based on Performance Criteria provided by the Owner.

SECTION 2 – PROJECT DESCRIPTION

A. Scope of Work

In general, the work consists of the following: (insert project description and timeline)

B. Budget

The budget for the Design-Build project will be based on the pre-design/construction cost and the design/construction cost together with all other soft costs associated with the project. A preliminary budget has been established by the owner and the SBA for performance criteria development purposes. However, the final budget will be established based on the acceptance of the Design-Build team's proposal together with the pre-design/construction cost. The final budget will be subject to the approval of the owner and SBA.

C. Owners Anticipated Pre-Construction Schedule

- | | | |
|-----|--|-------|
| 1. | Advertisement/IFQ | _____ |
| 2. | Design-Build Qualifications Due | _____ |
| 3. | Oral Presentations by Firms/Teams | _____ |
| 4. | Evaluation of IFQ | _____ |
| 5. | Recommendation of Selected Short-List
Firms/Teams | _____ |
| 6. | Notification of Short List Firms/Teams | _____ |
| 7. | Invitation for Proposals Mailed | _____ |
| 8. | Response to IFP Due | _____ |
| 9. | Award of Design-Build Contract | _____ |
| 10. | Anticipated Substantial Completion | _____ |

SECTION 3 – INSTRUCTIONS TO SUBMITTING FIRMS/TEAMS

A. General

This Invitation for Qualifications (IFQ) is the first in a two-stage selection process in Design-Build services. The selection process will be conducted as follows:

Stage 1: The responses to this IFQ will be reviewed by a Selection Team in accordance with the process and evaluation criteria contained in Section 4. The Selection Team reviews the proposals and schedules interviews with firms/teams to discuss the IFQ submission information. The Selection Team will then score each firm/team submission based on the IFQ and interview. The Selection Team then will short list no fewer than three firms but no greater than five firms to continue on to Stage 2 of the selection process.

Stage 2: Each of the three to five firms/teams short listed will be given the Request for Proposals (RFP) including the project performance criteria, educational specifications and the submission schedule for the RFP.

B. Mandatory Pre-Presentation Meeting

The short listed firms/teams will be required to attend a Mandatory Pre-Presentation Meeting. The meeting will be scheduled by _____ County Board of Education a minimum of five (5) days prior to the presentation date. The time and date of the meeting will be announced a minimum of 48 hours in advance. The short listed firms/teams are required to visit the project site prior to the Mandatory Pre-Presentation Meeting.

C. Questions

Questions regarding the completion and submission of the proposal should be directed to _____. Any communication, written or verbal, with other county or SBA representatives may be grounds for disqualification. Technical questions by the short listed firms/teams regarding the Design Criteria Package or the presentation must be received in writing via facsimile and directed to the attention of _____. The deadline for technical questions is _____(time) on _____(date). A written response will be provided to all questions received no later than _____(date). Responses will be in writing to all short-listed firms/teams.

D. Expenses Incurred in Preparing Responses

_____ County accepts no responsibility for any expenses incurred by those firms/teams offering their services to the Board either in the preparation of a response to this IFQ or subsequent presentation. All expenses shall be borne by the offering firms/teams exclusively.

E. Design-Build Qualifications

Firms/teams submitting a response to this IFQ must qualify under the Design-Build Board of West Virginia. Corporations must be a registered vendor in the State of West Virginia prior to submission of their proposal. Joint ventures, if selected, will be expected to sign a form of contract making each venture jointly and severally liable for its actions and its co-venture's actions under this contract, or alternatively to provide a copy of an executed, formal joint-venture agreement that so binds each to the other. All contractors and subcontractors must have a contractor license in the State of West Virginia. Standard AIA Documents will be used for this project unless otherwise waived by the SBA. In addition, the bidder(s) must provide pertinent financial information within the IFQ response including the SBA Qualification Statement.

F. Bonding and Insurance Requirements

The Design-Builder ultimately selected will be required to obtain a Performance Bond and a Labor and Materials Payment Bond. Errors and Omissions Professional Liabilities Insurance will be required for the Design Professional(s). If selected, insurance in the form of General Liability, Automobile, Worker's Compensation and Employees Liability will be required of the construction contracting entity with minimum coverage's defined below:

Insurance Description and Minimum Required Coverage

1. Worker's Compensation/Employers' Liability
Statutory – State of West Virginia – Compensation through State Fund.
Employer's Liability – Limits Required:

\$500,000 – each employee

\$500,000 – each accident

\$500,000 – aggregate

Coverage must include legal liability brought under West Virginia Code Annot. (1978) Section 23-4-2.

2. Contractor's Public Liability Insurance Limits Required:
\$2,000,000 – General Aggregate
\$1,000,000 – Products Complete Operations Aggregate
\$1,000,000 – Personal & Advertising Injury Limit
\$1,000,000 – Each Occurrence Limit

Commercial General Liability must include:

Explosion, Collapse and Underground Property Damage. Coverage required, if contractor's operations warrant such coverage. Also, if blasting operations, separate blasting coverage is required.

3. Automobile Liability Insurance
Limits Required:
\$1,000,000 – Per Accident
Provide "Any Auto" Coverage
4. Excess Liability Insurance
Limits Required:
\$2,000,000 – Combined Single Limit Occurrence
\$2,000,000 – Aggregate
5. Builders Risk and Property Insurance
100% Completed Value Form
Coverage Format:
All Risk including theft

Coverage shall include transit and off-site storage/secondary location limit amount that exceeds any shipment or off-site storage material value before payments to contractor for off-site stored materials are approved. Proof of coverage limits exceeding accumulated value of materials stored is required.

Names Insured shall be Owner, Contractor and all Subcontractors ATIMA.

Deductibles shall be stated in the Certificate of Insurance. Payment of deductible shall be the responsibility of the contractor.

If a renovation to an existing building, the Owner will provide coverage while under Construction by adding the contractor and all subcontractors, ATIMA to the permanent property policy.

SECTION 4 – QUALIFICATION PROCESS

Selection Team

The Proposals received in response to this IFQ will be evaluated and ranked by a Selection Team. This process will also include an oral presentation by qualified Design-Build firms/teams. Once the interviews are completed, the Selection Team will rank each Design-Build firm/team using the rating system established within the IFQ. The Selection Team will select (short list) no fewer than three (3) but not greater than five (five) firms/teams to be invited to submit response to a Request for Proposal (RFP). The members of the Selection Team are:

<u>Name</u>	<u>Affiliation and Title</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Evaluation Criteria

The following Criteria are intended to provide the Selection Team with information regarding the qualifications of each proposing Design-Build firm/team. Proposals shall address each of the Criteria in the same order listed in Attachment _____.

A. Proposal Letter

Firms must provide an original letter stating their intent to qualify for this project under the Design-Build Act of West Virginia and their acceptance of the terms and conditions contained in this IFQ. The letter must be signed by an officer(s) of the proposing firm(s) or the prime team member(s).

B. Project Understanding

Clearly demonstrate your firm/team's understanding of the scope of the project. Present a concise outline of specific services your firm/team is qualified and prepared to provide for the project. Identify and discuss any of the services, or method of approach to the

services, which your firm/team believes to be either “unique” or “outstanding,” or which may be recognized as giving your firm/team a competitive edge or advantage.

C. Team Organization and Personnel Resumes

Provide information describing the Design-Build team being proposed and the experience of the individual firms comprising the team. If your team is a joint venture or a team consisting of a prime firm with a consultant and sub-consultant relationship, describe your organizational basis. Describe the number and type of projects your team has completed together and the number of years of working experience together. Identify each entity discipline and responsibilities of the team. Indicate key personnel and their relationship to this project and other team members. Provide an organization chart identifying design and construction personnel proposed for the project. Provide resumes of key personnel, their disciplines, respective roles, education, licenses and their experience in Design-Build. Identify their experience as related to educational facilities. Explain the status of the current workload of your design entity and construction entity, addressing the availability of the lead personnel proposed for this project.

D. Architect Team Member Project Experience

Submit the design experience of the West Virginia Registered Architect member (minimum of five years), documenting the most recent evidence of school design experience and SBA school design experience. Provide qualifications and experience of key management and professional staff and other staffing proposed to complete this project. Identify projects of comparable size, complexity and cost to this project, defining specific services provided. Provide information regarding experience on SBA projects. Include renderings or photographs, if feasible. Include appropriate information describing the scope and nature of the projects. Identify the lead personnel on each project, their respective responsibilities and if they are proposed for this project. Comment on the commitment to involve lead design personnel assigned to the project through the design and construction phase. For each of the projects listed, identify the client's name and contact person, address, phone numbers, dates of services performed and references. Submit current Standard Forms 254 and 255. Submit current West Virginia Architectural License for the firm.

E. Contractor Team Member Project Experience

Submit the construction experience of the West Virginia Licensed General Contractor entity, documenting evidence of the successful construction of recent school construction. Provide information regarding experience on SBA projects. Identify projects of comparable size, complexity and cost of this project, defining specific services provided (General Contracting or Design-Build). Comment on project schedules and budgets and the adherence to those items. Identify the lead personnel on each project, their respective responsibilities and if they are proposed for this project. For each of the projects listed, identify the client's name and contact person, address, phone numbers, dates of services performed and references. Also, provide the name and telephone number of the

architectural firm and project architect responsible for the projects. Submit an SBA Contractor's Qualification Statement and a copy of your current West Virginia General Contractor License

F. Proximity to Project/Availability

Provide the business address of the prime or lead firm's office from which any part of the work will be administered and the distance of the office (in hours) from the project site. (Do not list a job site trailer address). If submitting a joint venture, list the address of both firms and the distance (in hours) from the site of the managing office from where work will be administered. Provide the distance (in hours) between the business address of the construction entity and the office of the design entity performing the design work.

G. Project Approach

Comment on your approach toward accomplishing the design and construction phases necessary to achieve Substantial Completion in a timely manner. Describe the management approach and communication procedures you will employ throughout the design and construction of the project. Describe your reporting procedures, frequency and process for obtaining design/program input from the county board and SBA. Describe your plan to establish and maintain clear lines of communication with the county project manager and the SBA staff. Provide examples of Management Information Reporting Systems, Quality Control, Partnering, etc. Describe and provide examples of how you propose to resolve conflicts and negotiate changes. Additionally, describe how safety and drug testing will be addressed during the project.

H. Schedule/Cost Control

Describe your cost and scheduling methodology and the project management method you will use for effectively managing and executing the work on time and within budget. Include a disclosure of the present work load for your design and construction team. Provide information about operational timelines for accomplishing work requested by this proposal and samples of schedules and cost estimate formats. Provide a comparative chart showing your recent schedule and cost control successes on similar educational projects. Provide examples of how you propose to control quality and your quality assurance programs. Also, include your Value Engineering, Life Cycle Cost Analysis, Constructability Review strategies.

I. Local Labor Participation

Projects receiving SBA or other state funding must comply with the West Virginia Department of Labor and Workers Compensation requirements and other pertinent codes. Indicate the efforts your firm/team has made regarding local labor force being used on project(s). Additionally, indicate what efforts your firm/team has made, or intends to make, to comply with West Virginia Code 21-1C-4, (West Virginia Jobs Act) on this project.

J. Financial Strength and Bonding Capacity

Provide a statement indicating the financial capability of the firm/team to provide the resources required including:

1. A letter of intent from a surety company indicating the applicant's bonding ability for this project (performance and payment bond) for an amount in excess of the budget shown in Section 2 of this IFQ. The performance and payment bond will be a sum of 100% of the amount of the construction contract. To be acceptable to the Owner as Surety for performance and payment bonds, a Surety Company shall comply with the following provisions:
 - a. The Surety Company must be licensed to do business in the West Virginia.
 - b. The Surety Company shall have been in business and have a record of successful continuous operations for at least five years.
 - c. The Surety Company shall have at least A.M. Best Company, A or better rating listed on the most current federal register, circulation 570, which is authorized to do business in the State of West Virginia and which is satisfactory to and approved by the Owner and the SBA.
2. Provide audited financial statements for the most recent two years, including income statement, balance sheet, statements of change in financial position and notes to financial statements. This information may also be included in the contractor qualification information provided.
3. Provide all material changes in the business operations of the firm, including without limitation any bankruptcy proceedings, mergers, acquisitions, or spin-offs and any material pending or threatened litigation, which have occurred within the last five (5) years. Discuss the impact of these changes on the firm's financial or managerial ability to perform the task under the proposed capital plan.
4. Provide the name, title, address and phone number of the financial officer of the firm responsible for providing the information in response to this requirement.

The financial information requested above, and copies of any rating reports, are not included in the IFQ's 25 page limitation. Proposers wishing to preserve the confidentiality of this information may do so by providing one (1) original of the information in a separate envelop labeled "Confidential – proprietary financial information."

K. Litigation

Identify all litigation in which your firm/team has been a party to legal action (including arbitration, administrative proceedings, etc.) or lawsuits during the last five (5) years

involving a single client for claims in excess of \$50,000. Include a brief legal description of the dispute and its current status and whether the action or lawsuit has involved a Design-Build contract. Also, describe the particular circumstances giving rise to the dispute and the actions which your firm took to attempt to settle the matter prior to and after the suit being filed. Describe in detail any projects within the last five (5) years where liquidated damages, penalties, liens (in excess of \$50,000), defaults, cancellations of contract or termination of contract were imposed, sought to be imposed, or filed against your organization.

L. References

Provide a list of client references for project completed by the architectural and construction team members. Each referenced project must have construction cost, year completed and client contact information.

SECTION 5 – SELECTION PROCESS

Proposal Evaluation

The Selection Team will evaluate the Design-Build Team qualifications received in response to this IFQ based on the Evaluation Criteria in this Section and the oral interview, which will be weighted in accordance with the Selection Team Rating Sheet contained at the end of Section 5. The Selection Team will select (short list) no fewer than three (3) firms/teams with the highest total points (the sum of the scores given to each firms/teams by all voting members of the Selection Team). The short listed firms/teams will be notified and will be given the Design Criteria Package to prepare their proposals.

Oral Presentations

Qualified firms/teams will make oral presentations to the Selection Team to review their qualifications. The short listed firms/teams will be given ____ minutes for an oral presentation. The format of the presentation should be structured to clearly address the Evaluation Criteria contained in Section 4 of the IFQ. Presentation boards and handouts are acceptable. A projection screen will be available for use by the short listed firms/teams if prior notice is given to the Owner. The Selection Team will have ____ minutes for questions, but under no circumstances will the total time of _____ be exceeded.

Final Selection

The Selection Team will evaluate the qualifications of the firms/teams after the oral presentations based on the Selection Team Rating Sheet contained in these instructions. The Selection Team will notify a minimum of three (3) but no greater than five (5) firms/teams selected (short listed) to provide a Request for Proposal (RFP) for the project. The timeline for responses to the RFP will be provided to each of the short listed

firms/teams. The short listed firms will be provided all project information and provided the schedule for submission of the RFP. The RFP will provide specific submission requirements and evaluation procedures in accordance with the Design-Build Procurement Act and Legislative Rule 148-CSR11.

SELECTION TEAM RATING SHEET

Invitation for Qualifications

Design Build Services

(Project Name)

Company _____ Proposal Letter _____ Y _____ N

Team Members _____ Date _____

Evaluation Criteria	Criteria Value Potential	Score	Remarks
Project Understanding	10	_____	_____
Project Team	10	_____	_____
Architect Project Experience	5	_____	_____
Contractor Project Exp.	5	_____	_____
SBA Experience	10	_____	_____
Proximity/Availability	5	_____	_____
Project Approach	10	_____	_____
Project Schedule	15	_____	_____
Cost Control/VE	10	_____	_____
Local Participation Jobs Act/Local Contractors	5	_____	_____
Financial Strength Bonding	5	_____	_____
Litigation	5	_____	_____
Client References	5	_____	_____
GRAND TOTAL	100%	_____ % (must score minimum of 70 pts to be considered)	

Comments: _____

Signature _____ Date _____

SBA 172
DESIGN BUILD – EDUCATIONAL
FACILITIES PLANNER

**REQUIREMENT FOR THE
SUBMISSION AND EVALUATION
OF
EDUCATIONAL FACILITIES PLANNING SERVICES
TO THE**

_____ **COUNTY BOARD OF EDUCATION**

INVITATION FOR QUALIFICATIONS

**Educational Facilities Planner
For**

_____ **(Project)**

_____ **(Date)**

TABLE OF CONTENTS

Section	Title
1	Invitation for Qualifications
2	Project Description
3	Instructions to Submitting Individuals/Firms
4	Qualification Process
5	Selection Process

SECTION 1 – INVITATION FOR QUALIFICATIONS (IFQ)

Pursuant to Section 5G,1-4 of West Virginia Code, the _____ County Board of Education intends to contract with a Recognized Educational Facilities Professional (REFP) to provide professional services for:

Selection of the REFP shall conform to West Virginia Code 5G, 1-4 regarding the selection and fee negotiation process.

The successful REFP will be expected to enter into a single point of responsibility agreement with _____ County Board of Education to provide professional school planning services for the preparation of educational specifications for the referenced project.

Individuals/firms interested in providing educational planning services to _____ County are hereby notified that a Proposal for providing the requested services in response to this IFQ will be accepted until _____ p.m. (day and date). (Proposals received after this deadline will be disqualified). Proposals may be mailed or hand delivered to the following location:

_____ County Board of Education

The proposal is limited to 20 pages (excluding the required SBA forms) and shall be presented in a binder format, tabbed according to the Evaluation Criteria. Proposals shall be clearly identified in a sealed package and include all technical submission requirements. Proposals will not be opened until the expiration time established for submitted proposals has expired. One (1) original and ten (10) copies of the proposals shall be submitted and must be clearly labeled with the project name and the name of the submitting individual/firm affixed.

The format of the proposal shall be in strict conformance with the stipulated criteria in the Instructions to Submitting Individual/Firms (Section 3).

SECTION 2 – PROJECT DESCRIPTION

A. Scope of Work

In general, the work consists of the following: (insert project description)

B. Owners Anticipated Advertisement and Award

Advertisement/IFQ

Proposals Due

Notification of Short List Individual/Firms

Presentations by Short listed Individual/Firms

Recommendation of Selected Individual/Firms

Deadline for Contract Negotiations

Board Approval of Selected Individual/Firms

Executed Contract and Notice to Proceed

SECTION 3 – INSTRUCTIONS TO SUBMITTING INDIVIDUALS/FIRMS

A. General

The selection process for the REFP will be conducted as follows:

Stage 1: The proposals received in response to this IFQ will be evaluated and ranked by a Selection Team in accordance with the process and evaluation criteria contained in Section 4. The proposal must be written and submitted with tabbed sections in the order of the evaluation criteria. The Selection Team will select (short list) no fewer than three (3)

individuals/firms to give a presentation at a later date to the Selection Team.

Stage 2: The short listed individuals/firms will meet with the Selection Team and the team will evaluate and rank each individual/firm based on the proposal information and the presentations in accordance with the process and evaluation criteria contained in Section 5.

Stage 3: The Selection Team will select the individual/firm they feel is most qualified to perform the services and will negotiate the fee for the completion of the educational specification for the project.

B. Questions

Questions regarding the completion and submission of the Proposal should be directed to _____ County will respond to all questions received regarding the general requirements of the educational planning process to be used for the project prior to the presentation date.

C. Expenses Incurred in Preparing Responses

_____ County accepts no responsibility for any expenses incurred by those individuals/firms offering their services to the county in the preparation of a response to this IFQ. All expenses incurred in the preparation of the response to the IFQ and the cost for the interview process shall be borne by the offering individual/firm exclusively.

D. Educational Facility Professional Qualifications

Individuals/Firms submitting a response to this IFQ must possess the Recognized Educational Facilities Professional certification provided by the Council of Educational Facilities Planners International. A copy of the certification must be provided in the response to the IFQ.

SECTION 4 – QUALIFICATION PROCESS

Selection Team

The Proposals received in response to this IFQ will be initially evaluated based on the qualifications of the individual/firm and the Selection Team will select (short list) individuals/firms that will be requested to give a presentation at a later date to the Selection Team. The information provided in the Proposal along with the oral presentation will provide the Selection Team a basis for determining the most qualified individual/firm. The members of the Selection Team are:

Name

Affiliation and Title

Evaluation Criteria

The following Criteria are intended to provide the Selection Team with information regarding the qualifications of each educational planner. Proposals shall address each of the Criteria in the same order listed below.

A. Proposal Letter

Educational planners must provide an original letter stating their intent to provide planning services and identifying their willingness to proceed should they be selected to perform the planning services. The letter must be signed by an officer of the proposing firm or the prime team member.

B. Project Understanding

Planners must clearly demonstrate their understanding of the scope of the project and present a concise outline of specific services they are prepared to provide for the project. The proposal must also identify and discuss any of the services, or method of approach to the services, which are believed to be either “unique” or “outstanding,” or which may be recognized as giving a competitive edge or advantage.

C. Educational Planner and Personnel Resumes

Provide information describing the educational planner’s experience and qualifications. Indicate key personnel and their relationship to this project. Provide resumes of key personnel, their disciplines, respective roles, education, certifications, licenses and their experience in educational facilities planning.

D. Educational Planners Experience and Knowledge

Submit the educational planner’s experience regarding educational specifications and knowledge of the SBA requirements and West Virginia State Board of Education Policy 6200 Guidelines. Identify the lead personnel anticipated on this project and their respective responsibilities proposed for this project. Comment on the commitment to involve the lead personnel assigned to the project through all phases of the project.

E. Project Approach

Comment on your approach toward the formulation of the educational specification. Describe the process and communication procedures that will be employed throughout the development of the educational specification. Describe procedures, frequency and methods for obtaining educational input from _____ County and a plan to establish and maintain clear lines of communication with the _____ County and the school staff.

F. References

Please provide three (3) letters of references from individuals who have worked with you professionally or can provide professional character references.

G. Completion Schedule

Describe the general schedule and timeline anticipated for the completion of the educational specification.

SECTION 5 – SELECTION PROCESS

Proposal Evaluation

Based on the proposals received and the oral presentations, the Selection Team will use the process described in West Virginia Code 5G-1-4 to evaluate and select the educational facilities planner. The short listed individuals/firms will be notified on the date shown in Section 2 of this IFQ and will be given the opportunity to interview with the selection committee and present project information. The Selection Committee will evaluate and rate each individual/firm and based on the final team score begin negotiations with the highest rated individual/firm.

Oral Presentations

The short listed Educational Planner will make oral presentations to the Selection Team to review their proposal. The oral presentation will be limited to ____ minutes. The format of the presentation should be structured to clearly address the Evaluation Criteria contained in Section 4 of the IFQ. Presentation boards and handouts are acceptable. A projection screen will be made available for use if prior notice is given to the Selection Team. The Selection Team will have ____ minutes for questions.

Final Selection

The Selection Team will evaluate and rate the proposals and oral presentations on the Selection Team Rating Sheet contained in these instructions. The Selection Team will recommend to the local board that an agreement for educational specification services be awarded to the Educational Planner with the highest total points (the sum of scores given to each REFP by all voting members of the Selection Team) at the fee schedule negotiated. All short listed Educational Planners will be rated and ranked in order of their score on the Selection Team Rating Sheet and the team will reach a consensus as to which individual/firm is the most qualified. The team or a representative member of the team will then negotiate the fee for the educational planning services. Should the fee negotiations reach an impasse and the fee agreement not be reached, negotiations will continue with the next highest rated Educational Planner until an agreement is reached. The Selection Team will not return to the previous team once the impasse is reached on the fee and the next individual/firm is contacted for fee negotiations commence.

ADVERTISEMENT FOR

INVITATION FOR EDUCATIONAL FACILITIES PLANNING SERVICES

For

Project Name

Date

The _____ County Board of Education is soliciting a proposal to perform educational facilities planning including building programming from qualified educational facilities planners. The individual/firm must possess certification from the Council of Educational Facilities Planners International and must have the Recognized Educational Facilities Professional Certification (REFP) to be considered. The individual/firm must be knowledgeable of School Building Authority requirements regarding educational specifications and also State Board Policy 6200, Handbook on Planning School Facilities requirements.

Specific project information can be obtained from _____ at _____ regarding the project requirements. The requirements of West Virginia Code 5G, Article 1-4 will be used as the basis for review and evaluation of all proposals. All proposals must be submitted to the _____ County Board Office at _____, West Virginia, no later than _____ p.m. local prevailing time on _____, _____. Proposals must be clearly marked IFQ for Educational Facilities Planner for _____ (project name). All proposals must include the experience and qualifications of the Educational Facilities Planner and must address the criteria for proposal evaluation. The individual/firm will be selected on the basis of qualifications and the cost to perform the services will be negotiated based on the most qualified firm. To request further information regarding the specifics of the proposal contact _____ at _____ at (304) _____.

SELECTION TEAM RATING SHEET

Educational Facilities Planner

(Project Name)

Individual/Firm _____

Proposal Letter ____Y ____N Date _____

Evaluation Criteria	Criteria Value Potential	Score	Remarks
Project Understanding	10	_____	_____
Educational Planner & Personnel Resume	15	_____	_____
Educational Planners Experience & Knowledge Regarding:			
SBA Requirements	20	_____	_____
State Board Policy 6200	20	_____	_____
Project Approach	15	_____	_____
References	10	_____	_____
Completion Schedule	10	_____	_____
GRAND TOTAL	100	_____ (must score minimum of 70 pts to be considered)	

Comments: _____

Signature _____ Date _____

**SBA 173
DESIGN BUILD
PERFORMANCE CRITERIA DEVELOPER**

ADVERTISEMENT FOR

Performance Criteria Developer

The _____ County Board of Education is soliciting proposals from qualified Performance Criteria Developers to work in cooperation with _____ to develop Design-Build performance criteria for _____. The firm/individual must be a registered architect or engineer licensed under the laws of West Virginia and licensed to do business in West Virginia. The firm/individual must have experience in the Design-Build project delivery method, the preparation of educational facilities performance criteria and must be capable of preparing building performance specifications, pre-schematic building footprints based on the educational specifications for the school and must have experience in site evaluation and design. The Performance Criteria Developer will assist the county board and the school planning team with the development of detailed building component specifications, site evaluation and preliminary building citing based on the chosen site and preparation of schematic diagrams of the school based on the county's educational specifications. Additional services will be provided to the county for assisting in the evaluation of the Design-Build proposals and assisting the county board during the design development review, construction document review and construction phase of the project. The services provided will be based on a negotiated fee for actual time and services rendered beyond the basic services provided through pre-schematic building footprint.

Invitations for Qualifications (IFQ) will be provided upon request to qualified individuals/firms. Responses to IFQs must be returned to _____ County Board Office to the attention of _____ by _____ local prevailing time (LPT). Proposals received after this deadline will not be accepted, nor opened and will be returned. Questions concerning the specifics of this project should be directed to _____ at (304) _____.

DRAFT

INVITATION FOR QUALIFICATIONS (IFQ)

_____. 2007

Performance Criteria Developer For

A proposal in response to this IFQ must be submitted to the _____ **no later than** _____ local prevailing time (LPT) on _____, 2007. It must be plainly marked:

Proposal for IFQ Performance Criteria Developer for

The _____ County Board of Education is soliciting proposals from qualified Performance Criteria Developers to work in cooperation with _____ to develop Design-Build performance criteria for _____. The firm/individual must be a registered architect (*or engineer*) licensed under the laws of West Virginia and licensed to do business in West Virginia. The firm/individual must have experience in the preparation of educational facilities performance criteria and must be capable of preparing building performance specifications, pre-schematic building footprints based on the educational facilities specifications for the school and must have experience in site evaluation and design. The Performance Criteria Developer will assist the county board and the school planning team with the development of detailed building component specifications, site evaluation and preliminary building citing based on the chosen site and preparation of schematic diagrams of the school based on the county's educational specifications. Additional services will be provided to the county for assisting in the evaluation of the Design-Build proposals and assisting the county board during the design development review, construction document review and construction phase of the project. The services provided will be based on a negotiated fee for actual time and services rendered beyond the basic services provided through pre-schematic building footprint.

Submitted proposals must address the evaluation criteria and must be organized in the same order as the IFQ. Copies of the IFQ and other projects received after the stipulated time and date will not be accepted, nor opened, and will be returned. Specific information can be obtained by contacting _____ at _____. Questions concerning the specifics of the project(s) should be directed to _____ at (304) _____.

**REQUIREMENT FOR THE
SUBMISSION AND EVALUATION
OF
PERFORMANCE CRITERIA DEVELOPER
SERVICES
TO THE**

_____ **COUNTY BOARD OF EDUCATION**

INVITATION FOR QUALIFICATIONS

**PERFORMANCE CRITERIA DEVELOPER
For
_____ (Project)**

_____ (Date)

TABLE OF CONTENTS

Section	Title
1	Invitation for Qualifications
2	Project Description
3	Instructions to Submitting Individuals/Firms
4	Qualification Process
5	Selection Process

SECTION 1 – INVITATION FOR QUALIFICATIONS (IFQ)

Pursuant to Section 5G,1-4 of West Virginia Code, the _____ County Board of Education intends to contract with a registered architect (*or engineer*) to act as the Performance Criteria Developer (PCD) for a Design-Build project that will

Selection of the PCD shall conform to West Virginia Code 5G, 1-4 regarding the selection and fee negotiation process.

The successful PCD will be expected to enter into a single point of responsibility agreement with _____ County Board of Education to provide professional services for the preparation of performance criteria, pre-construction review of Design-Build and construction services as required by the Design-Build Procurement Act (Title 148, Series II) for the referenced project.

Individuals/firms interested in providing this service to _____ County are hereby notified that proposals for providing the requested services in response to this IFQ will be accepted until _____ p.m. (day and date) local prevailing time (LPT). (Proposals received after this deadline will be disqualified). Proposals may be mailed or hand delivered to the following location:

_____ County Board of Education

The proposal is limited to 20 pages and shall be presented in a binder format, tabbed according to the Evaluation Criteria. Proposals shall be clearly identified in a sealed package and include all technical submission requirements. Proposals will not be opened until expiration time established for submitted proposals has expired. One (1) original and ten (10) copies of the proposals shall be submitted and must be clearly labeled with the project name and the name of the submitting individual/firm affixed.

The format of the proposal shall be in strict conformance with the stipulated criteria in the Instructions to Submitting Individual/Firms (Section 3).

SECTION 2 – PROJECT DESCRIPTION

A. Scope of Work

In general, the work consists of the following: (insert project description)

B. Owners Anticipated Advertisement and Award

Advertisement/IFQ	_____
Proposals Due	_____
Notification of Short List Individual/Firms	_____
Presentations by Short listed Individual/Firms	_____
Recommendation of Selected Individual/Firms	_____
Deadline for Contract Negotiations	_____
Board Approval of Selected Individual/Firms	_____
Executed Contract and Notice to Proceed	_____

SECTION 3 – INSTRUCTIONS TO SUBMITTING INDIVIDUALS/FIRMS

A. General

The selection process for the PCD will be conducted as follows:

Stage 1: The proposals received in response to this IFQ will be evaluated and ranked by a Selection Team in accordance with the process and evaluation criteria contained in Section 4. The proposal must be written and submitted with tabbed sections in the order of the evaluation criteria. The Selection Team will select (short list) no fewer than three (3)

individuals/firms to give a presentation at a later date to the Selection Team.

Stage 2: The short listed individuals/firms will meet with the Selection Team present their qualifications and address questions from the Selection Team about their proposal. The team will evaluate and rank each individual/firm based on the proposal information and the presentations in accordance with the process and evaluation criteria contained in Section 5.

Stage 3: The Selection Team will select the individual/firm they feel is most qualified to perform the services and will negotiate the fee for the completion of the performance criteria for the project.

B. Questions

Questions regarding the completion and submission of the proposal should be directed to _____. _____ County will respond to all questions received regarding the general requirements of the performance criteria development to be used for the project prior to the presentation date.

C. Expenses Incurred in Preparing Responses

_____ County accepts no responsibility for any expenses incurred by those individuals/firms offering their services to the county in the preparation of a response to this IFQ. All expenses incurred in the preparation of the response to the IFQ and the cost for the interview process shall be borne by the offering individual/firm exclusively.

D. Performance Criteria Developer

Individuals/Firms submitting a response to this IFQ must be a registered architect or registered engineer (where applicable) in the State of West Virginia. Experience in school design and experience with SBA policies and procedures and knowledge of West Virginia State Board of Education Policy 6200, Handbook on Planning School Facilities is required.

SECTION 4 – QUALIFICATION PROCESS

Selection Team

The proposals received in response to this IFQ will be evaluated by the Selection Team. The Selection Team will select (short list) no fewer than three (3) individuals/firms to give a presentation at a later date to the Selection Team. The proposals and information interview process will be used to select and rank in order of qualifications of the most qualified individual or firm. Once completed, the county will negotiate the fee for providing services in accordance with WV Code 5G _____. The members of the Selection Team are:

Name

Affiliation and Title

Evaluation Criteria

The following Criteria are intended to provide the Selection Team with information regarding the qualifications of each Performance Criteria Developer (PCD). Proposals shall address each of the Criteria in the same order listed below.

A. Proposal Letter

PCD must provide an original letter stating their intent to provide professional services and identifying their willingness to proceed should they be selected to perform the planning services. The letter must be signed by an officer of the proposing firm.

B. Project Understanding

PCD must clearly demonstrate their understanding of the scope of the project and present a concise outline of specific services they are prepared to provide for the project. The proposal must also identify and discuss any of the services, or method of approach to the services, which are believed to be either “unique” or “outstanding,” or which may be recognized as giving a competitive edge or advantage.

C. Performance Criteria Developer and Consultant Personnel Resumes

Provide information describing the PCD’s experience and qualifications. Indicate key personnel and their relationship to this project. Provide resumes of all consultants, key personnel, their disciplines, respective roles, education, certifications, licenses and their experience in educational facilities design.

D. Performance Criteria Developer’s Experience and Knowledge

Submit the PCD experience regarding the preparation of performance specification writing and knowledge of the SBA requirements and West Virginia State Board of Education Policy 6200 Guidelines. Identify the lead personnel anticipated on this project and their respective responsibilities proposed for this project. Comment on the commitment to involve the lead personnel assigned to the project through all phases of the project.

E. Project Approach

Comment on your approach toward the formulation of the performance specifications. Describe the process and communication procedures that will be employed throughout the development of the performance criteria and during the final design review and construction phases of the project. Describe procedures, frequency and methods for obtaining project input from the County representative and a plan to establish and maintain clear lines of communication with the designated representative.

F. References

Please provide three (3) letters of references from individuals who have worked with you professionally and can provide first hand knowledge of your previous work experience.

G. Completion Schedule

Describe the general schedule and timeline anticipated for the completion of the project performance criteria.

SECTION 5 – SELECTION PROCESS

Proposal Evaluation

Based on the proposals received, the Selection Team will use the process described in West Virginia Code 5G-1-4 to evaluate and select the Performance Criteria Developer. The Selection Team will select (short list) no fewer than three (3) individuals/firms to provide oral presentations. The short listed individuals/firms will be notified on the date shown in Section 2 of this IFQ and will be given the opportunity to interview with the Selection Team and present project information. The Selection Team will evaluate and score the qualifications of each individual/firm being interviewed using the Selection Team Rating system established for this project.

Oral Presentations

The short listed PCD will make an oral presentation to the Selection Team to further explain their proposal. The short listed PCD will be given ____ minutes for an oral presentation. The format of the presentation should be structured to clearly address the Evaluation Criteria contained in Section 4 of the IFQ. Presentation boards and handouts are acceptable. A projection screen will be available for use by the short listed PCD if prior notice is given. The Selection Team will have ____ minutes for questions.

Final Selection

The Selection Team will recommend to the _____ School Board that an agreement for professional services to prepare performance criteria specifications and additional services described in Section 2a – Scope of work be awarded to the PCD with the highest total points (the sum of scores given to each PCD by all voting members of the Selection Team) at the fee schedule negotiated. The Selection Team will rate and rank the short listed PCDs in order of their score based on the proposal information and interview process and the team will reach a consensus as to which individual/firm is the most qualified. The team or a representative member of the team will then negotiate the fee for the performance criteria development services. Should the fee negotiations reach an impasse and the fee agreement not be reached, negotiations will continue with the next highest rated PCD until an agreement is reached. The Selection Team will not return to the previous team once the impasse is reached on the fee and the next individual/firm is contacted for fee negotiations commence.

SELECTION TEAM RATING SHEET

Performance Criteria Developer

(Project Name)

Company/Individual _____

Proposal Letter ____Y ____N Date _____

Evaluation Criteria	Criteria Value Potential	Score	Remarks
Project Understanding	5	_____	_____
Similar Project Experience	15	_____	_____
Familiarity with Design-Build	20	_____	_____
Performance Criteria Developer	20	_____	_____
Familiarity with State Bd Policy 6200	10	_____	_____
Familiarity with SBA Requirements	10	_____	_____
Schedule	10	_____	_____
References	10	_____	_____
GRAND TOTAL	100	_____ (must score minimum of 70 pts to be considered)	

Comments: _____

Signature _____ Date _____

SBA 174
ANTI-BULLYING AUDIT

ANTI-BULLYING AUDIT

County: _____ Date _____

Indicate the extent to which each of the following is in place.

	Not at all	Partial	Effective
1. The county has an implementation plan for State Board Policy 4373.			
2. The county's disciplinary policies address all forms of Student Code of Conduct violations.			
3. The county has an education program about Policy 4373 for each grade level.			
4. The county has an education/professional development program about Policy 4373 for faculty and staff.			
5. The county has established procedures "to assure that any person who believes s/he has been the victim of bullying has an identified mechanism to report the alleged acts immediately to an appropriate official."			
6. The county submits the required disciplinary data into the WVEIS.			
7. The county has disseminated Policy 4373 to all students, faculty, staff, and parents.			

SBA 174

SBA 175
ARCHITECTURAL/ENGINEERING
FEE SCHEDULE

**SCHOOL BUILDING AUTHORITY
ARCHITECTURAL/ENGINEER FEE SCHEDULE**

CONSTRUCTION COST (NEW)	Max Fee (%)	Additional Fee (%) for Multiple Prime Contracts
\$ 3,000,000 and under \$ 4,000,000	7.00	1.0
\$ 4,000,000 and under \$ 5,000,000	6.50	.80
\$ 5,000,000 and under \$12,000,000	6.00	.70
\$12,000,000 and under \$16,000,000	5.75	.60
\$16,000,000 and under \$20,000,000	5.50	.50
\$20,000,000 and under \$25,000,000	5.25	.40
Over \$25,000,000 negotiate		

NOTE:

1. Fees for projects with construction costs less than \$3 million or greater than \$25 million will be negotiated based on complexity of the project.
2. Projects with construction costs greater than \$30 million will be considered for construction management.
3. If multiple prime contracting is required by the SBA, A&E fees will be adjusted for additional bidding and construction administration services. The additional fee adjustment will be project specific and must be approved by the SBA before executing the contract for A & E services.
4. Additional fees will not be paid by the SBA for bidding site preparation packages separate from construction packages.

CONSTRUCTION COST (Addition/Renovation)	MAX FEE (%)
\$3,000,000 and under \$4,000,000	8.00
Over \$4,000,000 and under \$10,000,000	7.75
Over \$10,000,000 and under \$16,000,000	7.50
Over \$16,000,000 and under \$20,000,000	7.25
Over \$20,000,000 negotiate	

NOTE:

1. Fee schedule is based on 50% of construction cost involving renovations. Projects where renovation costs are less 50% and/or demolitions greater than 50% of the total project cost will be negotiated based on the complexity of the project. However, the fee shall not exceed the maximum fee for the addition/renovation construction cost identified.
2. Fees for projects with construction costs less than \$3 million will be negotiated based on the scope of work.

Adopted June 2007 (Revised 4/21/08)
ae feeschedule (SBA 175)

SBA 176

**A: SBA PROJECT SUBMISSION FORM:
PLANNING PHASE**

**B: SBA PROJECT SUBMISSION FORM:
SCHEMATIC DESIGN PHASE**

**C: SBA PROJECT SUBMISSION FORM: DESIGN
DEVELOPMENT PHASE**

**D: SBA PROJECT SUBMISSION FORM:
BIDDING DOCUMENT SUBMISSION**

**E: FEDERAL AMERICAN RECOVERY AND
REINVESTMENT ACT CHECKLIST**

SBA PROJECT SUBMISSION FORM PLANNING PHASE

SBA County/Architect

- ☐ ☐ ☐ Request For A/E Expression of Interest in Qualification Newspaper Advertisement
- ☐ ☐ ☐ List of Responding Architectural/Engineering Firms
- ☐ ☐ ☐ Short List of Architects to be formally interviewed
- ☐ ☐ ☐ Draft copy of the AIA B101 Agreement between the Owner and Architect
- ☐ ☐ ☐ Copy of the Project Development Schedule from Grant Contract (Exhibit A-2)
- ☐ ☐ ☐ Preliminary list of Green School components (when applicable)

Site Feasibility Study

Written assurances that the following site feasibility information has begun, shall be provided with the Planning Phase submission. The final site feasibility study along with the recommendation for the preferred site shall be completed and approved prior to the Schematic Design submission.

- ☐ ☐ ☐ A study shall be completed on site feasibility. The study must include all site development costs for each site being considered. The site feasibility study along with the recommendation for the preferred site must be submitted to the SBA for approval before proceeding with the acquisition of any site.
- ☐ ☐ ☐ A complete site feasibility study must be prepared by the project architect/engineer before proceeding with the purchase of the proposed site for construction. Consideration must be given to all factors identified in State Board Policy 6200, Chapter 2. The site evaluation study must include but is not limited to:
 - ☐ ☐ ☐ Geotechnical Evaluation
 - ☐ ☐ ☐ Boundary and Topographic Data
 - ☐ ☐ ☐ Geological Evaluation (where applicable)
 - ☐ ☐ ☐ WVDEP and US Army Corps of Engineers Evaluation and archaeological evaluation (where applicable)

1 OF 2 (Planning Phase)

SBA County/Architect

- ☐ ☐ ☐ Archaeological Survey - West Virginia State Historical Preservation
Office Review (where applicable)
- ☐ ☐ ☐ Department of Highways Evaluation (where applicable)
- ☐ ☐ ☐ Other Agencies Reviews (Identify)

Educational Programming Information

- ☐ ☐ ☐ Conrad Formula Space Calculation Worksheet
(M.S. & H.S. only) See SBA Policy & Procedure Handbook (Section I)
- ☐ ☐ ☐ Summary of Spaces Worksheet #1 (SBA 142)
- ☐ ☐ ☐ Subject Area Space Allocation Worksheet #2 (SBA 141)
- ☐ ☐ ☐ Building Program Utilization Worksheet #3 (SBA 156)
- ☐ ☐ ☐ Preliminary Program of Spaces
- ☐ ☐ ☐ Preliminary Estimate of Probable Square Footage Construction Cost
(square footage cost analysis).

Submitted By _____

_____ Date

SBA Approval By

Date

2 OF 2 (Planning Phase)

SBA Form 176a

SBA PROJECT SUBMISSION FORM SCHEMATIC DESIGN PHASE

The Schematic Design Documents shall consist of drawings and other documents including a site plan, if appropriate, and preliminary building plans, and elevations; and may include some combination of study models, perspective sketches, or digital modeling. Preliminary selections of major building systems and construction materials shall be noted on the drawings or described in writing.

SBA County/Architect

☐ ☐ ☐ **Cover Sheet**

- ☐ ☐ ☐ List of all drawings included within this submission
- ☐ ☐ ☐ List of abbreviations and project specific typical notes
- ☐ ☐ ☐ Map of general project location with north arrow
- ☐ ☐ ☐ Breakdown of building square footage by floor

☐ ☐ ☐ **Final Program of Spaces**

This document shall include revised Conrad Formula Space Calculation (MS, HS), SBA 142, SBA 141 and SBA 156 if program changes occur from the planning phase to the schematic design phase.

☐ ☐ ☐ **Preliminary Educational Specification refer to SBA Policy and Procedures Manual, Attachment I**

☐ ☐ ☐ **Written assurance from the design professional that the building square footage depicted on the drawings is consistent with that shown in the program of spaces. If there is a discrepancy between these documents, an explanation of the discrepancy shall be provided.**

☐ ☐ ☐ **Schematic Design Drawings, including room square footage (If original drawings are larger than 24"x36"; half size drawings must be submitted)**

- ☐ ☐ ☐ Site Plan with Boundary and Topographic Survey Data, Preliminary Grading Plan, Utility Plan showing anticipated proposed tie-in locations, Floor Plan showing room descriptions and square footages of each space, plumbing fixtures and major fixed equipment and exterior elevation drawings sufficient to describe the general layout and character of the building design. Major construction materials and building square footage per floor shall be indicated on the drawings.
- ☐ ☐ ☐ Designers shall provide a list of optional mechanical systems being considered for the project.

1 OF 2 (Schematic Phase)

SBA County/Architect

- ☐ ☐ ☐ Architect's preliminary estimate of probable square footage construction cost. If a deficit exists in the cost estimate; the grant recipient must include written assurances of how they intend to solidify the deficit, by either reducing the scope of work or committing additional local funding.
- ☐ ☐ ☐ List of Green School components being considered on the project (where applicable). A separate LEED for schools matrix may be attached.
- ☐ ☐ Provide the construction analyst or construction manager an electronic copy of the Schematic Design Submission document.

Submitted By

Date

SBA Approval By

Date

SBA Form 176b
Revised 6/11

SBA PROJECT SUBMISSION FORM DESIGN DEVELOPMENT PHASE

The Design Development Documents shall illustrate and describe the development of the approved Schematic Design Documents and it shall consist of documents including plans, sections, elevations, typical construction details, and diagrammatic layouts of building systems to fix and describe the size and character of the project as to the architectural, structural, mechanical and electrical systems, and such other information as may be appropriate. The Design Development Documents shall also include outline specifications that identify major materials and systems and establish in general their quality levels.

SBA County/Architect

☐ ☐ ☐ Please check this box if all previous review comments have been addressed.

☐ ☐ ☐ Revised Educational Specification if changes are required from the Schematic Phase submission.

☐ ☐ ☐ Written assurance from the design professional that the building square footage depicted on the drawings is consistent with that shown in the program of spaces. If there is a discrepancy between these documents, an explanation of the discrepancy shall be provided.

☐ ☐ ☐ A narrative of the school's proposed technology plan that describes how the technology is to be integrated into the daily lesson plan by the instructors. How the technology will be utilized and where major technology components will be located. Please refer to the SBA Quality and Performance Standards Section for further assistance.

☐ ☐ ☐ Provide verification that the available utility services are adequate to support the proposed building requirements.

☐ ☐ ☐ Outline specification that identifies the major materials and systems and establishes in general their quality levels. This document should include but is not limited to a detailed overview of all major building components and systems per division of work specific to the project. Please refer to the current SBA Quality and Performance Standards in order to establish minimum requirements. Include request for deviations from the SBA Standards with the submission information.

☐ ☐ ☐ Provide the project construction analyst or construction manager, an electronic copy of the Design Development document.

1 OF 6 (Design Phase)

SBA County/Architect

- ☐ ☐ ☐ The designers shall submit a written narrative confirming the design intent from the schematic phase, which will provide the logic and background for the mechanical system chosen. The design intent shall take into consideration the county maintenance personnel's ability to operate and maintain specific HVAC systems including the building automation system (BAS). If this system has changed from the list of systems described in the schematic design phase, please provide reasoning for this change.
- ☐ ☐ ☐ Provide life cycle cost analysis (if required by ~~Section IV~~ of the SBA Quality and Performance Manual)
- ☐ ☐ ☐ Final List of Green School components (where applicable). A separate LEED for Schools Matrix may be attached.

The Design Development drawings shall include but are not limited to the following:

- ☐ ☐ ☐ **Cover Sheet:**
 - ☐ ☐ ☐ List of all drawings included with the submission
 - ☐ ☐ ☐ List of abbreviations and project specific typical notes
 - ☐ ☐ ☐ Map of general project location with north arrow
 - ☐ ☐ ☐ Breakdown of building square footage by floor
- ☐ ☐ ☐ **Site Design drawings shall include:**
 - ☐ ☐ ☐ Key Plan
 - ☐ ☐ ☐ Property lines
 - ☐ ☐ ☐ Buildings (existing and proposed)
 - ☐ ☐ ☐ Parking and paving including exterior steps and handicapped ramps, indicate locations of asphalt and concrete pavements, including curbs and sidewalks
 - ☐ ☐ ☐ Fencing
 - ☐ ☐ ☐ Storm Water Management
 - ☐ ☐ ☐ Spot Grades at all entrances and new building corners
 - ☐ ☐ ☐ Grades at drives and parking
 - ☐ ☐ ☐ Locations of power, water, communications, sewer and/or other necessary utilities

2 OF 6 (Design Phase)

SBA County/Architect

- ☐ ☐ ☐ **Structural Drawings with key plan shall include:**
 - ☐ ☐ ☐ Key plan
 - ☐ ☐ ☐ Overall dimensions around the building
 - ☐ ☐ ☐ Diagrammatic layout of floor and roof framing plans showing major structural components including sizes/weights
 - ☐ ☐ ☐ Descriptions of all floor deck and concrete systems
 - ☐ ☐ ☐ Proposed locations of retaining walls or non-standard foundation or framing systems (if any)
 - ☐ ☐ ☐ Location of columns and bearing walls with dimensions needed to locate them
 - ☐ ☐ ☐ Bearing height of structural elements
 - ☐ ☐ ☐ Finish floor elevations
 - ☐ ☐ ☐ Designers shall include a narrative describing structural systems for all footings, foundations, floors and roof areas including proposed bottom of footing elevations.
- ☐ ☐ ☐ **Architectural Drawings shall include:**
 - ☐ ☐ ☐ Key plan
 - ☐ ☐ ☐ Show all columns, exterior walls, interior partitions doors, door swing, windows, stairs, handrail, guard rails, elevators, interior frames and openings, casework counter tops and built in items in plan.
 - ☐ ☐ ☐ Seating capacities of gymnasiums and auditoriums.
 - ☐ ☐ ☐ Room names and numbers.
 - ☐ ☐ ☐ Door numbers
 - ☐ ☐ ☐ Overall building dimensions around the building
 - ☐ ☐ ☐ Column line dimensions tied to exterior wall dimensions.
 - ☐ ☐ ☐ A minimum of two continuous string of dimensions (longitudinally and laterally) through the building that equals the overall dimensions shown including the exterior wall thickness.
 - ☐ ☐ ☐ Dimensions at stairs and ramps
 - ☐ ☐ ☐ Building section marks
 - ☐ ☐ ☐ Building elevation marks
 - ☐ ☐ ☐ Location of roof drains, gutters and downspouts.

3 OF 6 (Design Phase)

SBA County/Architect

- ☐ ☐ ☐ Parapets, ridge lines, valleys, and hips with arrows to indicate the direction of slope.
- ☐ ☐ ☐ Roof plan (showing preliminary roof/overflow drain locations)
- ☐ ☐ ☐ Roof access, hatches, doors etc.
- ☐ ☐ ☐ Include a preliminary finish schedule of all floor, wall and ceiling finishes.

- ☐ ☐ ☐ **Building Elevation Drawings:**
 - ☐ ☐ ☐ Show outline of building walls and roofs
 - ☐ ☐ ☐ Finish grade line
 - ☐ ☐ ☐ Windows and doors
 - ☐ ☐ ☐ Vertical dimensions with finish floor & roof bearing heights.
 - ☐ ☐ ☐ Roof pitch
 - ☐ ☐ ☐ Note materials and indicate extents.
 - ☐ ☐ ☐ Show building section marks.

- ☐ ☐ ☐ **Building and Wall Section Drawings:**
 - ☐ ☐ ☐ Show the outline of building items that the section plane cuts through, including roofs, exterior walls, foundations, footings, floors, beams, joist, windows and door openings ceilings, bulkheads, insulation and finish grade lines.
 - ☐ ☐ ☐ Vertical dimensions with finish floor heights and roof bearing heights.
 - ☐ ☐ ☐ Note direction and percentage and/or pitch of roof slopes.
 - ☐ ☐ ☐ Note all materials

- ☐ ☐ ☐ **Reflected Ceiling Plan:**
 - ☐ ☐ ☐ Key plan
 - ☐ ☐ ☐ Show grid, bulkheads, changes in elevations, materials, and ceiling mounted signage, HVAC equipment and lighting locations.

4 OF 6 (Design Phase)

SBA County/Architect

- ☐ ☐ ☐ **Plumbing Drawings:**
 - ☐ ☐ ☐ Key plan with legend
 - ☐ ☐ ☐ Provide preliminary plumbing fixture schedule and equipment schedules for all plumbing equipment (Makes and model, if available)
 - ☐ ☐ ☐ Show Plumbing fixture and equipment locations
 - ☐ ☐ ☐ Locate main water line, include sizing
 - ☐ ☐ ☐ Locate main sewer and vent lines, include sizing
 - ☐ ☐ ☐ Locate roof drain lines, include sizing
 - ☐ ☐ ☐ Identify where water, sewer and storm enter and exit the facility.

- ☐ ☐ ☐ **Fire Protection Drawings (when applicable):**
 - ☐ ☐ ☐ Key Plan with legend
 - ☐ ☐ ☐ Locate main water line, include sizing. Locate main equipment and risers.

- ☐ ☐ ☐ **HVAC Drawings (Provide life cycle cost analysis, where applicable):**
 - ☐ ☐ ☐ Key plan with legend
 - ☐ ☐ ☐ Provide preliminary equipment schedules with sizes and quantities from design basis shown. (Manufacturer make and model, if known)
 - ☐ ☐ ☐ Locate all major HVAC equipment
 - ☐ ☐ ☐ Single line diagram of ducts and pipes sufficient to show zone locations, including preliminary sizing for all ductwork mains and piping system main lines on plan view.
 - ☐ ☐ ☐ Location of roof top equipment, fans, HVAC, etc. Ensure all roof top equipment locations allow for proper clearances in relation to parapet walls, exhaust vents & intake louvers.

- ☐ ☐ ☐ **Electrical Drawings:**
 - ☐ ☐ ☐ Key plan
 - ☐ ☐ ☐ Power plan with legend showing locations of main and distribution panel boards and outlets, as well as service entrance and transformer locations.
 - ☐ ☐ ☐ Emergency power system (generators, ATS and misc. systems)

5 OF 6 (Design Phase)

SBA County/Architect

- ☐ ☐ ☐ Lighting plan with legend showing the location of lighting, include fixture type, controls, dimming systems, exit lighting and emergency egress lighting. Preliminary fixture schedule showing all fixture types from the design basis. (Manufacturer make and model, if known)
- ☐ ☐ ☐ Communications plan with legend showing location of fire alarm pull stations, hardwired computer outlets, phone outlets, CCTV locations and TV monitors. (where applicable)
- ☐ ☐ ☐ **Power, lighting and communication layouts in classroom areas can be shown in a typical classroom layout. All other remaining areas should be shown as designed:**
 - ☐ ☐ ☐ Site Utility service connections and details
 - ☐ ☐ ☐ Technology documents showing cable tray, outlet locations, main technology closets and outlet details.
 - ☐ ☐ ☐ Technology documents showing video, clock, sound, paging, security, cctv and wireless outlets and outlet details. (where applicable)
- ☐ ☐ ☐ **Detailed Construction Cost Estimate by Division of Work:**
 - ☐ ☐ ☐ Architect's cost estimate. Include all proposed off- site utility extension access roads, soft costs and contingency.
 - ☐ ☐ ☐ If a deficit exists in the detailed cost estimate, a letter from the grant recipient committing additional local funding needed to solidify the deficit, if the additional funds were not previously committed at the Schematic Design Phase.

NOTE: The School Building Authority reserves the right to request an electronic copy of the Design Development drawings.

Submitted By

Date

SBA Approval By

Date

SBA Form 176c
Revised 6/11

6 OF 6 (Design Phase)

SBA PROJECT SUBMISSION FORM BIDDING DOCUMENT SUBMISSION

The Bidding Documents shall illustrate and describe the further development of the approved Design Development Documents and shall consist of drawings and specifications setting forth in detail the quality levels of materials and systems and other requirements for the construction of the work.

SBA County/Architect

☐ ☐ ☐ Please check this box if all previous review comments have been addressed.

- ☐ ☐ ☐ The construction documents submitted shall reflect the entire proposed scope of work including all alternate construction bid packages. Any additional scope changes or alternate bid packages added after bidding document approval must be agreed upon by the SBA prior to bidding of the project. If additional scope changes are included without SBA approval, this work and all associated fees shall become the fiscal responsibility of the grant recipient.
- ☐ ☐ ☐ The construction specifications shall include bidding and procurement information that describes the place and conditions of bidding, including bidding or proposal forms, the Form of Agreement between the Owner and Contractor and the conditions of the contract for construction (General, Supplemental and Special Conditions).
- ☐ ☐ ☐ Include in the specifications, an original unaltered copy of the latest version of the SBA Supplemental, General and Special Conditions and all associated forms referred to in that section. These documents shall be printed on a non-white paper to be distinguished from other specification pages.
- ☐ ☐ ☐ A comprehensive detailed specification that thoroughly describes all building components and systems per division of work and specific to the project. The quality of materials and systems set forth in the specifications should minimally meet or exceed the standards outlined in the SBA Quality and Procedures Standards.
- ☐ ☐ ☐ A detailed sequence of operation which will describe the functionality of all HVAC systems and all related components that work in conjunction with one another as an integrated system including the Direct Digital Controls (DDC) system. In the event that a full building automation system (BAS) is incorporated into the facility, this sequence of operation shall accurately detail the operation of all monitored equipment.

1 OF 8 (Bidding Phase)

SBA County/Architect

- ☐ ☐ Provide the project construction analyst or construction manager an electronic copy of the bidding document.

**In addition to the Design Development information, the Bidding Documents shall include:
Cover Sheet with the following information:**

- ☐ ☐ ☐ Gross Building Area: by floor, existing (square footage), new (square footage), and total square footage
- ☐ ☐ ☐ Gross area per student, design enrollment
- ☐ ☐ ☐ List current governing codes and standards as adopted by the state and incorporated into the project design.

Life Safety Plan:

- ☐ ☐ ☐ Identify all exits; show actual load and capacity. Verify minimum exits per floor
- ☐ ☐ ☐ Show egress paths. Verify within code lengths.
- ☐ ☐ ☐ Review for dead-end corridors
- ☐ ☐ ☐ Stairs – verify handrail locations and lengths.
- ☐ ☐ ☐ Confirm wall ratings for storage, utility rooms, trash rooms, corridors and stairwells.
- ☐ ☐ ☐ Handicapped access – (i.e., ramps, disabled areas of refuge)

Site and Civil Drawings:

- ☐ ☐ ☐ Boundary and Topographical survey by licensed surveyor
- ☐ ☐ ☐ Grading plan; sediment and erosion control plan and details
- ☐ ☐ ☐ Address all WVDEP, US Army Corps of Engineers and other regulatory agency concerns and comments
- ☐ ☐ ☐ Utility plans and details; locations of existing utilities to be relocated.

Landscaping (when applicable):

- ☐ ☐ ☐ Overall plan showing plantings, irrigation and drainage systems, site lighting, signage and features
- ☐ ☐ ☐ Details and sections of all site features, special pavements, bollards, etc.
- ☐ ☐ ☐ Symbol glossary or legend
- ☐ ☐ ☐ Planting and seeding schedules
- ☐ ☐ ☐ Planting standard details, modified as required for specific conditions

2 OF 8 (Bidding Phase)

SBA County/Architect

ARCHITECTURAL:

Plan Sheets:

- ☐ ☐ ☐ Key plan cross referenced to the building area shown.
- ☐ ☐ ☐ All floor plans with column line grid with all dimensions; show all core areas, floor openings; note all partitions and partition types; show all door and other openings
- ☐ ☐ ☐ Label all windows and doors on plan and identify in the corresponding schedules
- ☐ ☐ ☐ Building section elevations, wall section and interior elevation marks on plans
- ☐ ☐ ☐ Detail references with the detail number/nomenclature
- ☐ ☐ ☐ Show all accurately completed schedules.
- ☐ ☐ ☐ Show all dimensions both interior and exterior to locate windows, doors and interior wall locations.

Roof Plan:

- ☐ ☐ ☐ Roof plan showing all dimensions and noting all materials, openings, keyed details and sections
- ☐ ☐ ☐ Note the roof slope and minimum insulation thickness at low points
- ☐ ☐ ☐ Details and sections noting all roof perimeter, parapet and internal conditions

Reflected Ceiling Plan:

- ☐ ☐ ☐ Indicate all ceiling and bulkhead heights
- ☐ ☐ ☐ Coordinate and show location of mechanical and electrical equipment including ceiling diffusers, lighting fixtures and access panels

Elevations, Sections and Exterior Details: (Keyed onto Plans)

- ☐ ☐ ☐ Exterior elevations noting all materials, line of proposed footings and foundation walls, keyed sections and vertical dimensions to locate door and window heights, finished floor joist bearing and parapet wall elevations.
- ☐ ☐ ☐ Elevations to note all door and window openings, all louvers and other wall systems and locations

SBA County/Architect

- ☐ ☐ ☐ Building sections, at least two, in both directions
- ☐ ☐ ☐ Exterior wall sections showing all elements and materials in design; note all fixed equipment; show vertical and pertinent horizontal dimensions and floor elevations. Indicate room names and numbers where the cut plane passes through the space.
- ☐ ☐ ☐ Sections to show clearly special conditions, typical stairs, instructional spaces and corridors, equipment and fixtures, floor construction, levels and thickness, wall and ceiling construction, typical windows, interior and exterior doors, finish material, roof construction, fire barriers and smoke partitions.

Building Sections, Interior Elevations:

- ☐ ☐ ☐ Show as many building sections as necessary to accurately depict all variations in the building construction. A minimum of one transverse and two longitudinal building section per building shall be included. Select areas that show key floor-to-floor relationships. Dimension vertically, show column grid, reference large scale sections and details.
- ☐ ☐ ☐ Materials – Note and indicate all finish materials. Show all wall-mounted equipment, including switches, receptacles, diffusers and thermostats at critical areas.
- ☐ ☐ ☐ Details (larger scale) showing but not limited to typical exterior wall sections, footings, foundations, floors, windows, cornice and roof, all vertical dimensions, each type and size of door with glazing and paneling, frame and trim, each type of window, together with distances to floor and ceiling, stairs, including risers, treads, handrails, newels and landing lines, instructional display board, bulletin board, trim, built-in equipment, counters, cupboards and drawers, and wardrobes, expansion joints, entry mats, casework, wood trim, shelving, display case mounting, locker base (if not standard), handrails, grab bars, catwalks, pass windows.
- ☐ ☐ ☐ Identify necessary back-up blocking for wall-mounted equipment, shown in sections.
- ☐ ☐ ☐ Detail bulkheads and other changes in ceiling heights.
- ☐ ☐ ☐ Rated shafts/chases. Unless of standard manufacture.

Windows in Plans, Schedule and Detail Coordination:

- ☐ ☐ ☐ Window sizes and types. Window mark, material height, width, head height, additional information and remarks. Indicate whether dimension is “rough opening” or actual size. Indicate swing direction of operable units. Show glass type.
- ☐ ☐ ☐ Window detail including head, jamb and sill conditions

4 OF 8 (Bidding Phase)

SBA County/Architect

- ☐ ☐ ☐ Consider the following: structural support for large units, blocking for shades, dark shades in classrooms and auditoriums, window operators for high windows, etc. Still, stool, apron, casing, jamb extensions.
- ☐ ☐ ☐ Roto operators and window limiters to be shown in window schedules and detail coordination drawings, where applicable.

Door Schedule:

- ☐ ☐ ☐ Door Schedule: size, type, opening, location, material, frame, glazing, louvers, transoms, panels, undercuts, fire ratings, special features including thresholds, hardware set reference.
- ☐ ☐ ☐ Included in door schedule:
 - ☐ ☐ ☐ Code compliant width of exit doors
 - ☐ ☐ ☐ Compatibility with hardware types
 - ☐ ☐ ☐ Code compliant sizes and types of glass
 - ☐ ☐ ☐ Weather-stripping for sound rated doors
 - ☐ ☐ ☐ Transoms above doors
 - ☐ ☐ ☐ Check door numbers and all items in schedules against door numbers on plans.
 - ☐ ☐ ☐ Louvered and/or undercut doors indicated per mechanical
 - ☐ ☐ ☐ Proper labeling of fire doors
 - ☐ ☐ ☐ Coordinate hardware with electric strikes, operators, monitors, hold-opens, etc.

Finish Schedule with Legend Describing Finish Abbreviations:

- ☐ ☐ ☐ Room number, name, ceiling type, ceiling height, wall finish, floor finish, base, wainscot, wall trim and additional information and remarks. Room numbers shall be final numbering system for this school.
- ☐ ☐ ☐ Complete entire schedule in addition to basic finish types
- ☐ ☐ ☐ Indicate the following: Clear description of location for split finishes (above and below chair rails, etc.), locations of and reference details for borders and patterns, extent (brackets, grilles, etc.) ceramic tile heights. Finish for exposed existing construction. Additional finish requirements shall be indicated in the specifications.
- ☐ ☐ ☐ Check the finish schedule for coordination with room names and numbers indicated on plans, interior elevations, and specifications.

SBA County/Architect

- ☐ ☐ ☐ Note surfaces where multi-color paints and trims are proposed.

Structural:

- ☐ ☐ ☐ Structural comments sheet with all code and design basis information; note all design parameters, etc., abbreviations glossary and legends. Additional information shall be provided in the specifications.
- ☐ ☐ ☐ Dimensioned foundation plan with slab on grade noted; with keyed sections and details.
- ☐ ☐ ☐ Dimensioned floor and roof plans showing all members with sizes and weights; note all openings; jointing and edge conditions; keyed details and sections.
- ☐ ☐ ☐ Detail and section drawings as required to completely detail all foundation and framing conditions.
- ☐ ☐ ☐ Building sections and details.
- ☐ ☐ ☐ Completed foundation, column, beam and lintel schedules, as appropriate.

Plumbing:

- ☐ ☐ ☐ Plumbing plans showing completed systems, including foundation drain lines, storm, acid, and sanitary sewer and vent lines, complete water supply system and location of all plumbing fixtures, including hose cabinets and sewage disposal system. All piping sized including valves, on plan view. Include riser diagrams and details for all systems and complete specifications with acceptable manufactures.
- ☐ ☐ ☐ Completed fixture and equipment schedules including makes and models for all systems to adequately show the basis of design.
- ☐ ☐ ☐ For areas of concentrated equipment, provide enlarged plans in ¼"=1' scale for both plan and section views.
- ☐ ☐ ☐ Indicate the design intent for fire protection system desired and special equipment (i.e., fire pumps, holding tanks) necessary for the project.

HVAC:

- ☐ ☐ ☐ HVAC plans showing completed systems, the size and type of heating and cooling unit. The plans shall also include all connections; pumps; supply and return lines with sizes, valves and slopes; motors; air-handling equipment; fans, including types, locations, sizes and capacity of all ducts, grilles and ventilator.
- ☐ ☐ ☐ Floor plans indicating ductwork, piping and mechanical devices all sized.

SBA County/Architect

- ☐ ☐ ☐ Technology documents showing detailed racks systems for T/D, video/TV, clock, sound, paging, security, intercom, cctv and wireless outlets systems. Completed equipment schedules including makes and models for all systems
- ☐ ☐ ☐ Riser diagrams for all systems, complete technical specifications with acceptable manufacturers
- ☐ ☐ ☐ Incoming service connection details
- ☐ ☐ ☐ Completed site utility service connections and details
- ☐ ☐ ☐ Power Plan with legend, show locations of main and distribution panel boards and outlets.
- ☐ ☐ ☐ Lighting Plan with legend, show location of lighting, controls, exit lighting and emergency egress lighting.
- ☐ ☐ ☐ Communications Plan – show location of fire alarm pull stations, hardwired computer outlets, phone outlets, CCTV locations, TV Monitors, electronic building directory, sprinkler system monitor board.
- ☐ ☐ ☐ Power, lighting and communication equipment schedules.

Misc. Documentation to be Submitted:

- ☐ ☐ ☐ Complete specifications augmenting the information shown on the drawing, giving details on construction materials and methods, mechanical equipment and installations and tests. In general, specify all window shades, restroom accessories and lockers and all other permanent equipment forming an integral part of the building.
- ☐ ☐ ☐ Final Technology Plan
- ☐ ☐ ☐ Final estimate of probable cost, including total project cost. This requirement will not be waived if an SBA Construction Analyst is used.
- ☐ ☐ ☐ AIA documents specific to the project shall be part of the bidding document submissions. Draft or sample copies are not acceptable.

Submitted By

Date

SBA Approval By

Date

SBA Form 176d
Revised 6/11

8 OF 8 (Bidding Phase)

Where Federal American Recovery and Reinvestment Act funding is being used, provide the following:

- ☐ ☐ ☐ A notice to proceed letter from WV State Historic Preservation Office (WVSHPO) (where applicable)
- ☐ ☐ ☐ Language in specifications that requires all contractors to complete the American Recovery and Reinvestment Act (ARRA) Verification Form as a condition of the bid award prior to the award of the construction contract.
- ☐ ☐ ☐ Language in specifications that assures Federal Davis-Bacon Act will be complied with (State Prevailing Wages used where rate is higher than Davis-Bacon).
- ☐ ☐ ☐ Language in the specifications that explains “Buy American” requirements.
- ☐ ☐ ☐ Insure Requirements of Section 1605 of the ARRA of 2009 is attached in the specifications.
- ☐ ☐ ☐ Assurances from the architect/engineer that the materials and equipment specified in the project complies with the “Buy American” provisions of the ARRA.
- ☐ ☐ ☐ Bid document language requiring contractors to provide “Bill of Materials” data indicating the Buy American provisions have been complied with within their pay applications.
- ☐ ☐ ☐ Standard Federal form 1413, Statement and Acknowledgement for general and all subcontractors. Also list intermediate subcontractors (sub of subcontractors) if they exist under item 14 on this form.
- ☐ ☐ ☐ In order for the SBA to process payments in a timely manner, the grant recipient shall submit the following documentation to the SBA office with each pay requisition. This information shall also be included in the specifications to inform the contractor of the necessary information that shall be supplied with each pay application.
 - a. Bill of Materials as described herein
 - b. Application for Payment or Invoice
 - c. Certified Payroll
 - d. SBA Requisition Form with Project Number

1 OF 2 (ARRA Funds)

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA

AFFIDAVIT OF DEBT PAID

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. **"Political subdivision"** means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. **"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: _____

Authorized Signature: _____ Date: _____

State of _____

County of _____ to wit:

Taken, subscribed, and sworn to before me this _____ day of _____, 20____.

My Commission expires _____, 20____.

AFFIX SEAL HERE

NOTARY PUBLIC _____

SBA 178
PROJECT CLOSEOUT PROCEDURES

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
PROJECT CLOSEOUT PROCEDURES

Below is a list of required documentation that shall be turned over to the owner upon final completion and prior to the release of final payment. Each prime contractor, the architect and the owner shall sign and date this form and forward it to the SBA office prior to the release of the final payment.

Provide at Project Close-out the following documentation, but not limited to:

- Contractor's Affidavit of Payment of Debts and Claims (AIA G706)
- Contractor's Affidavit of Release of Liens (AIA G706A)
- Consent of Surety Company to Final Payment (AIA G707)
- Confirmation of Receiving Operation and Maintenance Manuals and As-Built Drawings and Specifications
- Certificate of Insurance (Acord Form and AIA G715) Covering required/specified products and completed operation
- Certificate of Release from the Department of Tax and Revenue stating all appropriate taxes have been paid
- SBA Certificate of Project Completion – For lump sum projects use "WVDE BP-13-A" and for multiple prime contract projects use "SBA 139." Both of these forms are found in the SBA Guidelines and Procedures Handbook (Appendix J). These forms should be filled out and signed by the local board of education then forwarded to the contractor and the architect and engineer for signing
- Verification from the Owner (county superintendent) that all Owner training required by the contract documents has been conducted (SBA159)
- Contractor Evaluation Form (SBA 124)
- Architect/Engineer Evaluation form (SBA 135)
- Fire Marshall's Certificate of Occupancy
- SBA Certificate of Occupancy (SBA 146)
- Affidavit of Debt Paid (SBA 177)
- Notification of 11th month walkthrough date
- Electronic & Hard copy of diagrammatic floor plan of new or renovated schools. Provide the following items:
 - One line drawing of floor plans including only diagrammatic walls, exiting, doors and windows, existing school
 - One line drawing with all school access safety data (submit electronic file to Office of Homeland Security)
 - One line drawing including only walls, doors, windows, room number/names and color coded HVAC zones with multi-zone equipment located in the HVAC zone
- Provide a Final TAB report
- Provide Final Commissioning Report when applicable
- Prepare Quality Training Videos

Contractor: _____ Date: _____

Architect: _____ Date: _____

Owner: _____ Date: _____

SBA 179
ANNUAL ENERGY USAGE

SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA

ANNUAL ENERGY USAGE

Please complete this form and send to SBA and SDE _____

County _____ Date _____

Project _____ Occupied _____
(Year)

Type of School _____ Square Footage _____
(Grade Configuration)

Architect _____ Engineer _____

Does this school currently have an HVAC maintenance contract? _____ Y _____ N _____
(Circle One)

Briefly describe the equipment covered under the maintenance contract:

Annual cost of maintenance contract \$ _____ (N/A if not applicable)

Briefly describe the HVAC type: _____

Annual fuel usage _____ (MCF) Annual electric usage _____ (KWH)

Annual fuel cost \$ _____

Annual electricity cost \$ _____

Does your building incorporate any energy conservation strategies? _____ Y _____ N _____
(Circle One)

Describe any current or proposed energy conservation projects for this school:

Information Prepared By _____ Date _____

Superintendent _____ Date _____

sba179
6/11

WVDE – P-1
APPLICATION FOR PROJECT APPROVAL

**WEST VIRGINIA DEPARTMENT OF EDUCATION
AND
SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
APPLICATION FOR PROJECT APPROVAL**

West Virginia Department of Education
1900 Kanawha Blvd., E., Bldg. #6, Room B215
Charleston, WV 25305

School Building Authority of WV
2300 Kanawha Blvd., East
Charleston, WV 25311

County _____ Estimated Starting Date _____
School Name _____ Sq. Ft. Affected by this Project _____
Location _____ Grades Housed _____ Enrollment _____
Project Description:

Site Acres _____ Useable Acres _____ Gross Building Area New Construction _____
Energy Efficiency (BTU/Sq.Ft/Yr) _____ Sq.Ft. Affected by this Project _____
Water Source _____ Sewage Disposal Type _____

Line Item	Preliminary Estimate	Final Cost	Final Unit Cost (Per Sq. Ft.)
General Requirements (A/E, Legal, etc.)			
Site Acquisition			
Site Work (Geotech, Grading, Paving, etc.)			
Concrete (Ftg/Foundations, Slabs, etc.)			
Masonry			
Metals (Str. Stl., Jt., Deck)			
Carpentry			
Thermal & Moisture Protection			
Doors and Windows			
Finishes (Floors, Walls, Ceilings, Painting)			
Specialties (Chalkbd., Tbd., Locker, Toil Acc.)			
Equipment (Food Service, etc.)			
Furnishings (Seating, Casework, etc.)			
Special Construction			
Conveying Systems (Elevators, etc.)			
Mechanical (HVAC, Plumbing, etc.)			
Electrical			
Others (Describe)			
Grand Total			
Funding			
County Source			
SBA Needs MIP			
Federal Source			
GRAND TOTAL			

Signature of Architect or Engineer
WVDE P-1

Signature of County Superintendent

WVDE BP-13-A
CERTIFICATE OF PROJECT COMPLETION

**WEST VIRGINIA DEPARTMENT OF EDUCATION
AND
SCHOOL BUILDING AUTHORITY OF WEST VIRGINIA
CERTIFICATE OF PROJECT COMPLETION**

Upon completion of a facilities project, submit duplicate copies to the State Department of Education and the School Building Authority to initiate close-out procedures.

County _____	Substantial Completion Date _____
Project/School Name _____	Final Inspection Date _____
Project Number _____	Fire Marshal – Date _____
Enrollment _____	of Occupancy Permit _____
# Teaching Stations _____	(If Required) _____

<u>Sources of Funds:</u> State Funds SBA "MIP" \$ _____ SBA "Needs" \$ _____ Local Funds (Bond) \$ _____ Local Funds (Other) \$ _____ Vocational (State) \$ _____ Vocational (Federal) \$ _____ Federal (Other) \$ _____ Other Funds (List) \$ _____ _____ _____ _____ Total Funds \$ _____	<u>Summary of Project Data:</u> Sq.Ft. in Building _____ Site Acquisition \$ _____ Site Preparation \$ _____ Building Construction Costs – Total \$ _____ *Renovation Costs \$ _____ Building Construction Costs – per sq.ft. \$ _____ Building Renovation Costs – per sq.ft. \$ _____ Moveable Eq. Cost \$ _____ A&E Fees \$ _____ **Misc. Costs \$ _____ Total Project Cost \$ _____
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*A project may include both new construction/addition and renovation costs.

**Geotech, Site Survey, Deed Search, Technology Equipment (Explain on Back)

_____ Architect	_____ Date
_____ Contractor	_____ Date
_____ Clerk-of-the-Works/Construction Manager	_____ Date
_____ Superintendent	_____ Date

***Inspected this date by a representative of the School Building Authority or the West Virginia Department of Education.