



January 6, 2011

Mr. Gary Milby
Hardin County Schools
65 W.A. Jenkins Road
Elizabethtown, Kentucky 42701

Re: Agenda items for the January 20 school board meeting

Dear Gary:

Sherman Carter Barnhart will be present at the board meeting on Thursday, January 20, at which time we will report on the progress and status of the following projects:

Renovation to Radcliff Elementary – Phase 3
Radcliff Elementary Re-Roof – Phase 2
Renovation to Radcliff Middle School – Phase 1
North Middle School

Action Item:

We have received a proposal for the Special Inspections testing from *American Engineers, Inc.* for the Renovation to Radcliff Elementary – Phase 3 project. Sherman Carter Barnhart has reviewed the proposal and recommends that the school board award this service to *American Engineers, Inc.* since Sherman Carter Barnhart has positive experience working with the firm and also because they performed the Special Inspections testing for the Renovation to Radcliff Middle School – Phase 1 project. The proposal outlines a 0.6789% of total construction cost (based on a not to exceed percentage of construction value). The fee equates to .6789% of \$5,088,000.00 = \$34,542.43. Typical percentage costs for Special Inspections testing range from .5% - .8% of total construction cost. The percentage outlined in the proposal will be a lump sum “not to exceed” amount.

Recommendation: *Make a motion to award the Special Inspections testing to American Engineers, Inc. for the Renovation to Radcliff Elementary – Phase 3 project.*

If you have any questions, please feel free to contact me.

Sincerely,

Myra Vaughn AIA, LEED® AP
Project Architect



December 21, 2010

Mr. Gary Milby
Hardin County Public Schools
65 W.A. Jenkins Road
Elizabethtown, Kentucky 42701

Re: Renovation to Radcliff Elementary School – Phase 3
Special Inspections Testing
SCB Project No. 1004

Dear Gary:

We have received a proposal for the Special Inspections testing from *American Engineers, Inc.* The Special Inspections testing required by the Kentucky Building Code will consist of Steel Fabricators, Steel, Concrete, Masonry, Soils, and Seismic Structural Steel. The proposal is outlined per the following:

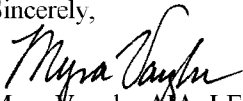
Name
American Engineers, Inc.

Special Inspections
0.6789% of total construction cost
(based on a not to exceed percentage of construction value)

Sherman Carter Barnhart has reviewed the proposal and recommends that the school board award this service to *American Engineers, Inc.* since Sherman Carter Barnhart has experience working with the firm and also because they performed the Special Inspections testing for the Renovation to Radcliff Middle School – Phase 1 project. We recommend utilizing the same testing agency throughout all phases to maintain consistency with the entire project. We were very pleased with their performance during Phase 1 construction. Typical percentage costs for Special Inspections testing range from .5%-.8% of total construction cost. The percentage outlined in the proposal will be a lump sum “not-to-exceed” amount.

Should you have any questions, feel free to contact our office.

Sincerely,


Myra Vaughn AIA, LEED® AP
Project Architect

c: Kenny Stanfield, Ben Sorrell, Bill Grigsby, Sarah Sammons

BID FORM

Percentage Based Fee

Proposals will be evaluated based on a **not to exceed** percentage of construction value fee. This fee shall include the cost of special inspections, quality assurance and quality control and all work defined in the scope of work above. Special project conditions requiring work beyond scope defined above shall be clearly identified by the testing agency and included in proposal.

List percentage based fee on this bid form. Include the fee form with only the not to exceed, percentage based fee. Proposals which list fee in any other format may be rejected.

Provide unit prices for all aspects of special inspections and quality control testing.

Proposals shall be submitted to Sherman Carter Barnhart by 5:00 p.m. on Friday, December 10, 2010. The selected firm will be notified within two weeks after the due date.

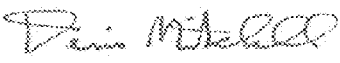
Fee percentage

Special inspections/Quality Assurance and Quality Control testing services proposal fee percentage: 0.6789 %

The payment for the services listed above shall not exceed the percentage based fee listed on this fee form.

Change orders for work which does not affect special inspections/quality control will not be applicable to the percentage based fee.

Please provide signatures and dates below to approve and accept this proposal.

Geotechnical Engineer:  Date: 12/10/10

Proposal Accepted By: _____ Date: _____

If the fabrication shop does not meet the project requirements and therefore requires fabrication shop inspections, AEI will provide a written request for this extra.

Date: November 30, 2010

General Information

This request for proposal is for special inspections testing and quality assurance/quality control testing for the Renovation to Radcliff Elementary School – Phase 3. The selected special inspections testing agency should understand that their contract would be with Hardin County Schools, not with Sherman Carter Barnhart. Hardin County Schools will be responsible for payment for any and all services that the special inspections testing agency may provide on this project.

Client Contact Info: Gary Milby, Hardin County Schools (270) 769-8800
Project Address: Radcliff Elementary School
1145 S. Dixie Blvd.
Radcliff, KY 40160

Project Description

The original building was built in 1956 and consisted of a cafeteria, kitchen, lower level mechanical room, and a two-story classroom wing. A subsequent classroom addition of eight classrooms occurred in 1959, followed by a gymnasium, locker room, and classroom addition in 1976. The final addition in 1990 added a media center, entry lobby, four science rooms, and restrooms. The total existing building area is approximately 76,849 square feet (including lower level mechanical room, first, and second floor).

Phase 3 renovation will include new site development, site demolition, and site lighting. The scope of work will include an addition to the Kitchen and Cafeteria, as well as complete interior renovation of these areas – new food service equipment and cooler/freezer, new wall partitions, interior finishes, electrical/plumbing/HVAC upgrade, fire protection, fire alarm, intercom/clock, and new lighting. New clerestory roof structure in Cafeteria and Entrance Lobby. Interior renovation of Entrance Lobby with new aluminum curtainwall systems, interior finishes, fire protection, fire alarm, and intercom/clock. Interior renovation of Media Center to include relocating wall partitions, new finishes, electrical/plumbing/HVAC upgrade, new lighting, fire protection, fire alarm, intercom/clock, and instructional technology. Gymnasium to receive new interior finishes, new telescoping bleachers, athletic equipment, lighting, intercom/clock, fire alarm, and electrical upgrade. Portions of exterior walls will be removed to accommodate new window systems and doors. All existing face brick to be stained with integral water repellant. All new masonry infill will match existing adjacent brick sizes and colors. Demolition of the interior will include existing masonry walls, interior finishes, removal of concrete slabs, removal of rooftop items, removal of portions of existing roof joists and roof assemblies, and mechanical/electrical/plumbing items. New exterior walkway covers with masonry piers and entrance masonry porticos at Entrance Lobby and at Cafeteria addition. New pre-manufactured aluminum walkway cover at rear Kitchen service area along with a new above-ground loading dock. New exterior walkway cover and masonry piers at rear Bus pick-up/drop-off area. New structural steel will be provided at areas of new roof clerestory structures – Cafeteria and Entrance Lobby. Roof replacement at 1956 and 1959 portions of building. New HVAC Controls, water heaters, electrical switchgear, and plumbing fixtures. The total area for Phase 3 addition/renovation is approximately 23,083 square feet.

Project Site Plans and Floor plans are included with this document.

Scope of Work

Proposal shall include the following:

Special inspections testing

Include special inspections testing and quality assurance for the entire project. Special inspections includes all testing required by the Kentucky Building Code. Quality assurance includes all other testing indicated in specifications including but not limited to concrete breaks, steel, masonry, proof rolling for pavements and observation of earthwork and backfill operations for utilities installation. Amount of periodic and continuous testing will be determined based on specific project schedule and specification requirements.

Special Inspections - General Project Information

Required Special Inspections:	Refer to attached Special Inspections Table
Construction Type:	Load bearing masonry and Steel Structure
Approx. Existing Building Area:	76,849 SF
Approx. Building Addition Area:	2,484 SF
Approx. Area of Renovation:	20,599 SF
Number of stories	Two Story
Approximate Construction schedule:	Refer to Construction Phasing Plans

Qualifications

Qualified special inspections testing firms shall include staff on the project that hold NICET and ICC certifications for each aspect of the work. A licensed Professional Engineer specializing in the field of geotechnical engineering shall supervise the special inspections. Qualified firms shall have in house soils testing lab.

The geotechnical engineering/special inspections testing firm for this project will follow all guidelines of the American Society of Foundation Engineers (ASFE) in performing this work.

The geotechnical engineer for this project will be familiar with local geology and soil conditions.

The geotechnical engineering and special inspections firm will be required to carry professional liability insurance in the following minimum amounts:

Projects \$1,000,000, or less	\$500,000 per claim and \$1,000,000 aggregate per annum
Projects exceeding \$1,000,000	\$1,000,000 per claim and \$2,000,000 aggregate per annum.

A Certificate of Insurance for Errors and Omissions shall be included in the Special Inspections Report. The certificate should name Hardin County Schools as the "Certificate Holder".

BID FORM

Percentage Based Fee

Proposals will be evaluated based on a **not to exceed** percentage of construction value fee. This fee shall include the cost of special inspections, quality assurance and quality control and all work defined in the scope of work above. Special project conditions requiring work beyond scope defined above shall be clearly identified by the testing agency and included in proposal.

List percentage based fee on this bid form. Include the fee form with **only** the not to exceed, percentage based fee. Proposals which list fee in any other format may be rejected.

Provide unit prices for all aspects of special inspections and quality control testing.

Proposals shall be submitted to Sherman Carter Barnhart by 5:00 p.m. on Friday, December 10, 2010. The selected firm will be notified within two weeks after the due date.

Fee percentage

Special inspections/Quality Assurance and Quality Control testing services proposal fee percentage: _____%

The payment for the services listed above shall not exceed the percentage based fee listed on this fee form.

Change orders for work which does not affect special inspections/quality control will not be applicable to the percentage based fee.

Please provide signatures and dates below to approve and accept this proposal.

Geotechnical Engineer: _____ Date: _____

Proposal Accepted By: _____ Date: _____

SPECIAL INSPECTIONS PER CHAPTER 17 OF THE KENTUCKY BUILDING CODE

IN ADDITION TO OTHER TESTS AND INSPECTIONS REQUIRED BY THE TECHNICAL SPECIFICATIONS, THE OWNER SHALL PROVIDE QUALIFIED THIRD - PARTY INSPECTORS FOR SPECIAL INSPECTIONS AS FOLLOWS:

SECTION	ITEM	REQUIRED?		REMARKS
		YES	NO	
1704.2	FABRICATORS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	STRUCTURAL STEEL AND JOISTS
1704.3	STEEL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PER TABLE 1704.3
1704.4	CONCRETE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PER TABLE 1704.4
1704.5	MASONRY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LEVEL 1 PER TABLE 1704.5.1
1704.6	WOOD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1704.7	SOILS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PER TABLE 1704.7
1704.8	PILES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1704.9	PIERS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1704.10	SPRAYED FIRE-RESISTANT MATERIALS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1704.11	MASTIC & INTUMESCENT FIRE RESISTENCE COATINGS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1704.12	E.I.F.S.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1704.13	SPECIAL CASES/CONDITIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1704.14	SMOKE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1707.2	SEISMIC - STRUCTURAL STEEL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PER SECTION 1705.3
1707.3	SEISMIC - STRUCTURAL WOOD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1707.4	SEISMIC - COLD FORMED STEEL FRAMING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1707.5	SEISMIC - PIER FOUNDATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1707.6	SEISMIC - STORAGE RACKS AND ACCESS FLOORS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NONE
1707.7	SEISMIC - ARCHITECTURAL COMPONENTS - EXTERIOR CLADDING AND INTERIOR/EXTERIOR NON-LOAD BEARING WALLS AND VENEER IN STRUCTURES.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SEISMIC DESIGN CATEGORY "C"
1707.8	SEISMIC - MECHANICAL AND ELECTRICAL COMPONENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PER SECTION 1707.8

REFER TO SHEET S0.3 FOR ADDITIONAL INFORMATION REGARDING SPECIAL INSPECTIONS FOR STRUCTURAL COMPONENTS.