



FLOYD COUNTY BOARD OF EDUCATION
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Dr. Chandra Varia, Member- District 2
Rhonda Meade, Member - District 4

Date: January 27, 2020

Agenda Item (Action Item): Consider/Approve accepting proposal for Special Inspections and Quality Control Testing for the Betsy Layne High School Baseball Field Project to Solid Ground (BG# 19-222).

Applicable State or Regulations: Capital Construction Process 702 KAR 4:160.

Budget/Financial Issues: Cost for this service is \$20,500.00

Background and Rationale:

Sherman Carter Barnhart solicited services and got two (2) proposals, one from SM&E and Solid Ground. CSI did not respond to the request.

Recommended Action: To approve Solid Ground to perform the services.

Contact Person(s): Gregory Adams/874-9569

Principal

Gregory Adams *Danny Adkins*

Director Superintendent

Adams, Greg - (Director of Facilities)

From: Allison Commings <acomings@scbarchitects.com>
Sent: Wednesday, January 15, 2020 4:28 PM
To: Adkins, Danny; Adams, Greg - (Director of Facilities)
Cc: Kevin Cheek; Kaye Gregory; Hall, Maggie (FCBOE)
Subject: "Caution: External Email" 1951 Betsy Lane HS Baseball Special Inspections Board Approval
Attachments: Solid Ground Geotechnical Proposal - 20-002 Betsy Lane Baseball Complex.pdf

External Email Notice

Caution: This message originated from outside the Floyd County School's Organization. Be aware of the sender and any suspicious links.

Danny, Greg,

We solicited proposals for Special Inspections from 3 firms. This is typically included in the Geotechnical Services RFP but Bocook issued that RFP and they do not cover Special Inspections. S&ME performed the Geotechnical survey.

We received proposals for Special Inspections from both S&ME and Solid Ground (we did not hear back from CSI).

S&ME:	\$65,700
Solid Ground:	\$20,500

S&ME is significantly higher than Solid Ground and appears to be trying to make up money lost on Betsy Layne HS Phase 1. We typically see Special Inspections around 1% of the construction cost which is close to Solid Ground's fee. S&ME submitted a 3% fee.

We have not worked with Solid Ground before; they gave a presentation to us last year on their qualifications and are a reputable group. Typically we try to have the same firms perform the geotechnical report and special inspections given "differences of opinions". However, given the smaller scope of this project this shouldn't be a big concern.

Please add this for approval for the regularly scheduled board meeting this month. Attached is the proposal from Solid Ground.

Thank you,

Allison Commings, AIA, LEED AP
Sherman Carter Barnhart Architects
2405 Harrodsburg Rd.
Lexington, KY 40504
(859) 224-1351 Work



SOLID GROUND

CONSULTING ENGINEERS, PLLC

Engineering Innovation. Proven Solutions to Your Challenges.

January 10, 2020

Betsy Lane Schools
c/o Mr. Bill Grigsby
Sherman Carter Barnhart

**Subject: Proposal for Special Inspections and Quality Control Testing
Betsy Lane High School – Baseball Complex
Betsy Lane, Kentucky
Proposal No. 20-002**

Mr. Grigsby,

Solid Ground Consulting Engineers, PLLC (Solid Ground) is pleased to provide you with this proposal for Special Inspections and Quality Control Testing services for the proposed Baseball Complex at the Betsy Lane High School, located in Betsy Lane, Kentucky. This proposal details project information, proposed scope of services, schedule and estimated cost.

Project Information

Project information was provided by Sherman Carter Barnhart Architects (SCB), by request for proposal (RFP) dated January 3, 2020. The project consists of new baseball complex, set to the Southwest side of the existing high school. The project will include a new concession stand, pre-engineered grandstand, dugouts, and access road

It is our understanding a portion of the existing mountain will be excavated to make way for the baseball field and associated structures. According to the site grading plans over 10 feet of soil will be required to achieve the design grade elevations.

Special Inspections Scope of Services

Solid Ground will perform Special Inspections and materials testing services for this project in accordance with typical International Building Code (IBC), with KY Amendments.

Solid Ground Consulting Engineers, PLLC • 1419 Lexington Road • Richmond, Kentucky 40475
Office: 888.255.4759/Local:859.545.4587 • website: www.solidgroundce.com



The following Special Inspection services are based on the scope of services outlined in the RFP and the applicable sections of Chapter 17 of the Kentucky Building Code:

Concrete (KBC 1705.3)

- ▲ Verify use of the required design mix.
- ▲ Observe reinforcing steel, as well as anchor bolts, during foundations and slab on grade construction.
- ▲ Placement of cast in place bolts or other embedded anchors prior to and during concrete placement.
- ▲ Sample and perform tests on plastic concrete in the field which includes slump, air content, temperature, and other tests required by the project specifications.
- ▲ Review of placement and curing techniques of the fresh concrete.
- ▲ Make 4 by 8 inch concrete cylinder specimens for compressive strength testing.
- ▲ Hydrate, test, and report concrete cylinder test specimens as required by the specifications.

Reinforced Masonry (KBC 1705.4)

- ▲ Observe the consistency of site-prepared mortar; placement of masonry units and the construction of mortar joints and location of reinforcement and connectors.
- ▲ Verification of size and location of structural elements, type, size and locations of anchors including details of anchorage of masonry to structural members, frames of other construction.
- ▲ Verify prior to grouting to ensure grout space is clean
- ▲ Observe placement of grout.
- ▲ Observe construction of structural elements; to verify proper size, grade and type of reinforcement and protection of masonry during cold weather or hot weather.
- ▲ Observe construction to verify type, size grade and location of anchors.
- ▲ Observe preparation of required grout specimens and/or mortar specimens. These samples will be made on a daily basis during the Reinforced Masonry construction.

Steel Construction (KBC 1705.2)

- ▲ Perform field observations to verify the structural steel for compliance with the approved plan documents.
- ▲ Perform field observations of anchor bolts required for compliance to the approved plan documents.

Soils (KBC 1705.6)

- ▲ Observe materials below shallow foundations and grade beams to verify foundation remediation is in accordance with plans and specifications.
- ▲ Observe that foundation bearing conditions are in compliance with the recommendations contained in the requirements set forth in the project plans, specifications, and the geotechnical report.





Deliverables

As in accordance with the International Building Code and the Statement of Special Inspections we will generate a report for each visit we make. Each day we will distribute our reports in to the distribution list through email. Deviations will immediately be informed to the contractor.

A Final Letter will be issued by us to use in obtaining the owner's Certification of Occupancy. This letter provides a summary of the services provided, items observe and copies of each daily Special Inspection and laboratory report.

Schedule

We request a 24-hour notice prior to providing on-call personnel to enable us to schedule the work efficiently. Mr. Joey Daugherty will be the Project Manager for the project.

Compensation

Based on the scope of work anticipated in preparation of this proposal, we propose **Lump Sum Fee of \$20,500** for providing the required Special Inspection Services on this project.

Authorization

To authorize the proposed scope of services, please sign the attached Proposal Acceptance Sheet and return one complete original of the proposal to us.

Payment Terms

The client understands that we will be compensated for performing the services in accordance with the scope of work detailed in this proposal. The lump sum invoice will be issued once the final report is issued. The client agrees to pay all charges not in dispute within 30 days of receipt of the invoice and recognizes that charges not paid within 30 days are subject to a late payment charge of 1.5 percent. The Client shall provide notification within 10 days of receipt of the invoice should the invoice contain charges the Client intends to dispute.





Proposal Acceptance

We appreciate the opportunity to provide our consulting services to you. We look forward to working with you on this project. If you have any questions we would be glad to address them. If this proposal is acceptable as written, please have the person responsible for payment sign one copy and return it to our office. That will be our indication to begin work. Once again, thank you for considering our firm for this project.

CONSULTANT:

SOLID GROUND CONSULTING ENGINEERS, PLLC

SIGNATURE:



PRINTED NAME & TITLE:

Tim McClure - Project Manager

DATE:

January 10, 2020

CLIENT or CLIENT REP:

SIGNATURE:

PRINTED NAME & TITLE:

DATE:

Please submit one copy to Solid Ground Consulting Engineers, PLLC by email correspondence or mail.

