



FLOYD COUNTY BOARD OF EDUCATION
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Consent Agenda Item (Action Item): Consider/Approve Solid Ground Consulting Engineers for Special Inspections on the turf replacement at Prestonsburg High School.

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

Fiscal/Budgetary Impact: Cost of inspections is \$11,000 which is under the estimated cost of \$12,000 on the BG-1.

History/Background:

RTA received and reviewed proposals from CSI, SM&E, and Solid Ground. Solid Ground being the lowest. See attached Architect recommendation and proposal.

Recommended Action: To approve Solid Ground's proposal in the amount of \$11,000.

Contact Person(s): Linda Hackworth, 606-874-9569

N/A
 Principal

Linda Hackworth
 Director

Anna Whitaker Shepherd
 Superintendent

Date: July 18, 2024

June 6, 2024

TO: Linda Hackworth

FROM: Angela Sánchez, Landscape Designer
Rosstarrant Architects, Inc.

RE: Floyd County - Prestonsburg High School Field Replacement
Prestonsburg, Kentucky
RTA23055

RTA has received and reviewed the material testing proposals from CSI, Solid Ground, and SM&E. I have prepared the following in summary:

Company	Lump Sum Total
CSI	\$24,000
SM&E	\$11,750
Solid Ground	\$11,000

CSI

CSI presented a not-to-exceed cost of \$24,000 to perform materials testing. A minimum of 48-hours notice is required at the start of construction and afterward, 24-hour notice each time their presence is required at the job site.

Solid Ground

Solid Ground presented a lump sum fee of \$11,000 to perform materials testing. A minimum of 24-hour notice must be required to begin work.

S&ME

S&ME presented a lump sum fee of \$11,000 to perform materials testing. 48-hour notice is required for initial service; thereafter, 24-hour notice is required for requested S&ME services.

Conclusion

Based on the cost and scope of work to be performed, we are recommending Solid Ground be selected as the preferred firm. If you have any questions, please let me know.

MEMORANDUM
June 6, 2024
Page 2

END OF MEMORANDUM
Sincerely,

Angela Sánchez, Landscape Designer

Enclosures

C:

Kevin McCalla, RLA
File 23055
ME240606-materials testing summary-23055



SOLID GROUND

CONSULTING ENGINEERS, PLLC
Engineering Innovation. Providing Solutions to Your Challenges.

June 6, 2024

Floyd County Board of Education
442 KY RT 550
Eastern, Kentucky 41622

C/O Mr. Kevin McCalla
Ross Tarrant Architects

Subject: **Proposal for Special Inspections Services
Prestonsburg High School Sports Turf
Prestonsburg, Kentucky
Solid Ground Proposal No. 127324**

Dear Mr. McCalla,

Solid Ground Consulting Engineers, (Solid Ground) is pleased to provide you with this proposal for Special Inspection Services for the proposed Prestonsburg High School Sports Turf located in Prestonsburg, Kentucky. This proposal details project information, proposed scope of services, schedule and lumps sum cost.

Project Description and Location

The project consists of new athletic turf for the football field. The project is located at 825 Blackcat Blvd in Prestonsburg, Kentucky.

Special Inspections

Our current coverage meets or exceeds those listed in the RFP.

Scope of Services

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

Based on the project plans the following services will be performed under this proposal:

Solid Ground Consulting Engineers • 1419 Lexington Road • Richmond, Kentucky 40475
Phone: 606.661.9652 • website: www.solidgroundce.com



Concrete (KBC 1705.3)

- . Verify use of the required design mix.
- . Observe reinforcing steel, as well as anchor bolts, during concrete 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 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.

Synthetic Turf Related Testing

- . Thickness & Width of Ribbon-Micron
- . Fiber Construction: Primary Backing, Secondary Backing, Face Weight, Pile Weight & Total Weight
- . Tufting Gauge
- . Pile Height
- . Resistance to Pullout (Tuft Bind)
- . Grab Tear Strength
- . Abrasive Index
- . G-max Tests on Completed Field
- . A total of 6 tests per field except for the G-max tests (12 per field). The non- G-max tests will be selected by the architect at shipped by Solid Ground to Sports Laboratories for testing.
- . Advanced Artificial Athlete (AAA) testing

Site Related Testing

- . Site concrete pavement.
- . A total of 4 infiltration tests once carpet and infill material are installed.

Schedule

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

Compensation

Based on the scope of work detailed in this proposal we have provided a lump sum fee.

Lump Sum - \$11,000.00





Authorization

Please sign the attached Proposal Acceptance Sheet and return one complete original of the proposal to us. This will act as authorization to proceed.

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. Invoices will be issued on a bi-weekly basis. 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.

Summary

We appreciate the opportunity to provide this proposal to perform engineering services. We can begin work immediately upon our acceptance of this proposal. 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 a 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.

Very Truly Yours,

Vance Mitchell
COO

ACCEPTANCE

Signature of Property Owner or Agent

Date





Print Name & Title

Address For Billing:

