

DATE: February 13, 2013

PR #: Three (3)

TO: David Beiersdorfer Jr.
Endeavor Construction
977 State Route 28
Millford, Ohio 45150RE: Gallatin Co. Alternative School & Field House
Gallatin County, Kentucky
BG 12-133
RTA 0914

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described therein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

DESCRIPTION: Soil Condition Proposals at the Plan-South Alternative School & Field House Building Pad Area (a follow up to the response to RFI#004).

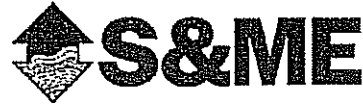
Provide Itemized labor and material costs for each of the following items as initially described in RFI#004 (attached for reference).

- a) Cut 12 inches down where soft soils exist under the Alternative Building pad,
- b) Replace removed soils with DGA and,
- c) Provide pricing bringing up to sub-grade with DGA in lieu of soils.

ATTACHMENTS:

- S&ME recommendation letter dated February 13, 2013
- RFI #004 (with email response)

BY: John C. Gilbert, LEED APC: Dorothy Perkins, Gallatin Co. Schools
Lenny Whalen, Gallatin Co. Schools
Ronald E. Murrell, Jr., AIA, LEED AP BD+C
Greg Hosfield, AIA, LEED BD+C
Jeremy Lewis, CMTA
File 0914-4B2
PR 03-0914



February 12, 2013
1831-13-796

Mr. Steve Maggard
Ross Tarrant Architects
101 Old Lafayette Avenue
Lexington, Kentucky 40502

REFERENCE FOR
PR #03.

JCG
02/13/13

Re: Subgrade and Geothermal Well Observation
Gallatin County Alternative School & Field House
Warsaw, Kentucky

Dear Mr. Maggard,

In accordance with your request, Mr. Dan Furgason, P.E. of S&ME, Inc. visited the site on February 11, 2013 and met with Mr. Ken Jones of Endeavor Construction. The purpose of the site visit was to provide recommendations for the soft subgrade of the new building pad and provide recommendations to repair the void located adjacent to the geothermal well drilled south of the new building.

Building Subgrade

S&ME observed the building pad subgrade. Based on discussion with Mr. Jones, it is understood the north section of the building pad was previously a parking area and stability in the area is not a concern. The south area of the building pad, as shown on the attached sketch, was previously proofrolled and ruts were observed to depths of 6 to 8 inches. Hand augering was performed at several locations. Weak clayey silt soils were encountered to a depth of approximately 12 inches. The soils observed would typically become unstable when exposed to excess moisture.

S&ME recommends the soft soils be cut to a depth of 12 inches below subgrade. The soils should be replaced with crushed stone base (Kentucky Department of Highways Standard Specification Item 805.15 or similar crushed stone material).

Geothermal Well

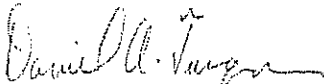
Prior to S&ME arrival on site, a hole for a geothermal well had been drilled. During or soon after drilling, a void was observed adjacent to the well on the north side. The soils near the ground surfaced were silt and silty fine sand. Similar soils were encountered near the ground surface at borings previously performed west of the geothermal wells. The void was partially filled with surrounding soils prior to S&ME arrival on site.

S&ME recommends the existing void be grouted when the well is grouted. Future holes should be cased during drilling to prevent loss of material down the hole.

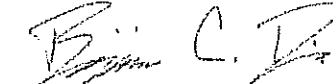
We appreciate having been given the opportunity to provide these services. Please contact our office with any questions or comments.

Respectfully submitted,

S&ME, INC.



Daniel A. Furgason, P.E.
Senior Engineer
KY P.E. 25646



Benjamin C. Dusina, P.E.
Senior Engineer

Attached: Sketch
Submitted: 1 Electronic Copy



Cincinnati (513) 771-8471
Cleveland (216) 001-1000
Columbus (614) 703-2226

Project/Proposal No. 1831-13-796

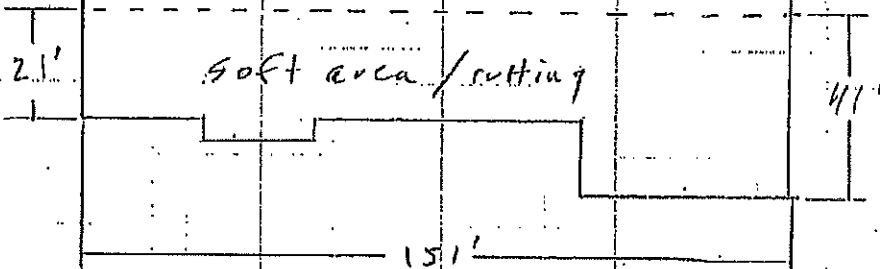
Calculated By DAF Date 2-11-13

Project/Proposal Name Gallatin Co. Alternative

Checked By _____ Date _____

Subject Subgrade

Sheet 1 of 1



Note: Dimensions provided by Endeavour Construction,
S&ME confirmed.

G.C. TO VERIFY
REFERENCE MATERIAL FOR
PR#03

John Gilbert

From: Greg Hosfield
Sent: Tuesday, February 12, 2013 5:34 PM
To: David Beiersdorfer Jr. (dmbjr@endeavorconstruction.com)
Cc: Lenny Whalen (leonard.whalen@gallatin.kyschools.us); Steve Maggard; John Gilbert; Beth Hunter
Subject: Gallatin Co. RFI #04
Attachments: Gallatin Co. RFI #004.pdf

David,

RFI #04-RESPONSE

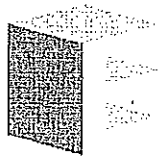
The portion of the building pad area on the south side that did not meet proof-roll should be undercut 12" and brought to subgrade elevation with crushed stone per the Geotechnical Engineer's observation and recommendation letter dated February 12, 2013.

Referenced Geothermal Recommendation has been transmitted by separate email for your use.

GREG HOSFIELD AIA, LEED AP BD+C
project architect

rosstarrant architects
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ENDEAVOR
construction

Request for Information

Project: Gallatin County Alternative School
Architect: Ross Tarrant Architects
RFI No: 004
Date: 01/25/13
Subject: Soil Condition for Alternative Building

Request:

After stripping topsoil and removing the existing asphalt paving in the area of the new Alternative Building, we proof-rolled the existing soils and found a portion of this area that will not be acceptable to begin placing soil fill.

Is it acceptable to utilize a borrow pit from an onsite location that will later be filled with the spoils from the underground utility excavations?

We also need to consider the type of fill that must be put back. According to the soils engineer, the Owner may want to consider upgrading to a stone fill rather than soil. Stone fill obviously creates a cost impact but it would provide better fill for the slab on grade if there are any concerns with the existing soil conditions.

Would the Owner like to entertain the idea of stone fill rather than soil fill in the building pad area? If so, please review with the soils engineer and provide a proposal request with specific details.

Request Author: David Beiersdorfer, Endeavor Construction

Response:

Response Author: _____ Date: _____