



AIA

Document G701™ – 2017

Change Order

FOR APPROVAL

PROJECT: *(Name and address)*
Boone County Schools - Turf Fields
(OHEIL)
Boone County High School
Conner High School
Cooper High School
Ryle High School

CONTRACT INFORMATION:
Contract For: Total Project
Date: September 11, 2020
BG #20-184 / REH #129-120-B

CHANGE ORDER INFORMATION:
Change Order Number: One (1)

OWNER: *(Name and address)*
Boone County Board of Education
8330 U. S. 42
Florence, Kentucky 41042

ARCHITECT: *(Name and address)*
Robert Ehmet Hayes & Associates, PLLC
2512 Dixie Highway
Fort Mitchell, Kentucky 41017

CONTRACTOR: *(Name and address)*
OHeil Site Solutions
2109 East Social Row Road
Dayton, Ohio 45458

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Proposal 1R3 - This change order is for adding quicklime to the field area at Boone County High School. There was a rejected alternate, in the amount of \$74,000, which was determined not to be required at the time of bid. All original geotechnical data indicated that accepting the alternate bid or including money in the base bid for liming was not required; however, with the seasonal effects of the last few months the subgrade became slightly higher in moisture than anticipated. We were able to reduce the overall price as we did not need as much as anticipated; however, the quicklime did have to be added. ADD \$54,895.

Proposal 3 - This change order is for allowing the existing storm lines to remain in place around the perimeter of Boone County High and being properly terminated and filled. This provided for a benefit of both logistics and timing as well as a significant credit. DEDUCT \$2,016.

Proposal 4Ra and 4Rb - In an effort to accelerate and hold the schedule, it was determined that the D events, such as the high jump, would be constructed in concrete rather than asphalt prior to receiving the rubber asphalt coating. The concrete allows for a better winter weather installation and also has a longer life span and thus an enhanced value to the District. This change affects both Boone County and Conner High Schools. ADD \$37,404.

Proposal 6 - There were a couple of existing valves in the field for the water hydrants at Boone County High. In talking to maintenance, and at the architect's recommendation, it was determined the valves could be eliminated since these lines are also valved in the building and only mean future maintenance. DEDUCT \$645.

Proposal 7R - This change order is for allowing compacted stone in lieu of flowable fill under the track area where the new storm is being installed at Boone County High. DEDUCT \$320.

Proposal 8/9 - This is a credit for not removing the paving under the interior field events at Ryle High, such as the high jump and long jump, since the existing was in better than expected condition. DEDUCT \$11,475.

Proposal 10 - This is a zero cost change for adjusting the technical composition from rigid PVC with connectors to flexible drain tile. This allows us to better hold the radius of the curb. \$0.

Proposal 11 - This change was at the direction of PSI, the Geotechnical Consultant, in an effort to dry the soils prior to liming at the Boone County High school campus. It was an aggressive aeration procedure the week prior to placing the cement stabilization. ADD \$2,828.

Proposal 12 - The existing water line was in a slightly different location than originally shown on the drawings and as charted. This required a little bit of extra length to make the proper tie-in. ADD \$2,340.

Proposal 13 - There was an uncharted water line at Conner High that was discovered in the field area which was back-feeding from the maintenance garage down toward the bus garage along the entire length of the field. This change order is for repairs made to the line in the interim while the District made their own separate service and connection to the main. ADD \$1,251.

Proposal 14 - There were a couple areas where the existing had delaminated and had not weathered the winter to an acceptable level. The rubberized surface contractor made some temporary repairs to the existing track at Ryle High which were required since the track will remain in operation until the end of the track season. The entire track will be recoated after June 10. ADD \$3,910.

Proposal 18 - This change order is for installing quicklime to a field depth of 12" for approximately 40% of the field at Conner High since the existing subgrade softened due to some of the rains as well as uncharted water lines. The original bid had a \$74,000 alternate for this work which was not taken; while this work was added after the fact, the District has realized significant savings versus liming the entire field. ADD \$39,162.

The original Contract Sum was	\$ 2,690,000.00
The net change by previously authorized Change Orders	\$ 0.00
The Contract Sum prior to this Change Order was	\$ 2,690,000.00
The Contract Sum will be increased by this Change Order in the amount of	\$ 127,334.00
The new Contract Sum including this Change Order will be	\$ 2,817,334.00

The Contract Time will be unchanged by Zero (0) days.
The new date of Substantial Completion will be

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Robert Ehmet Hayes & Associates, PLLC
ARCHITECT (Firm name)

SIGNATURE SIGN

Ehmet Hayes, Member
PRINTED NAME AND TITLE

DATE

OHeil Site Solutions
CONTRACTOR (Firm name)

SIGNATURE SIGN

PRINTED NAME AND TITLE

DATE

Boone County Board of Education
OWNER (Firm name)

SIGNATURE SIGN

PRINTED NAME AND TITLE

DATE

FACPAC Contract Change Order Supplemental Information Form (Ref# 54909)

Form Status: Saved

Tier 3 Project: Boone County Schools - Turf Fields

BG Number: 20-184

District: Boone County (035)

Status: Active

Phase: Project Initiation (View Checklist)

Contract: OHeil Site Solutions, 0001, Boone County Turf Fields (GC)

Type: General Contractor

Proposed

Change Order Number	One (1)
Time Extension Required	No
Date Of Change Order	4/30/2021
Change Order Amount To Date	Increase

Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

Current Approved Amount	\$233,943.00
Net Approved COs	\$0.00
Remaining After Approved COs	\$233,943.00
Net All COs	\$133,031.00
Remaining After All COs	\$100,912.00

This Requested Change Order Amount \$127,334.00

+/-

Change In A/E Fee This Change Order

+/-

Change In CM Fee This Change Order

+/-

Remaining Construction Contingency \$100,912.00

Balance

Contract Change Requested By	Architect/Engineer; General Contractor; Local Board of Education
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Contract Change Reason Code	Expansion of Scope; Found Condition; Improved Plans/Specs; Reduction of Scope
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Change Order Description And Justification

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Cost Benefit To Owner

Proposal 1R3 - The District is able to inherently save money by adding this work as a change order instead of including the alternate in the original contract.

Proposal 3 - Owner receives credit for a more streamlined design approach.

Proposal 4Ra and 4Rb - Concrete field events provide a longer life span and allow better winter construction.

Proposal 6 - Removing the valves will prevent future maintenance.

Proposal 7R - Schedule was greatly enhanced and some value was able to be offered back to the District.

Proposal 8/9 - There is a significant cost savings able to be offered to the District and it also helped the overall schedule.

Proposal 10 - There is no cost exchange and the appropriate drainage is maintained.

Proposal 11 - Subgrade was able to continue on schedule.

Proposal 12 - Water lines can remain functioning and hydrants remain in the designed location.

Proposal 13 - Existing lines were allowed to remain in operation for minimal cost.

Proposal 14 - The track is safe to use until the new rubberized coating is applied over the summer.

Proposal 18 - Only the necessary part of the field was limed.

Contract unit prices have been utilized No
to support the cost associated with this
change order.

Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

Detail Item	Amount	Percent of Total
Labor	\$19,104.00	15.00%
Materials	\$99,122.00	77.84%
Profit and Overhead	\$9,108.00	7.15%
Bond Insurance		0.00%
Cost Breakdown Total:	\$127,334.00	

Cost for this Change Order supported No
by an alternate bid or competitive price
quote
Explain Why

Change Order Supplemental Information Form Signature Page (Online Form Ref# 54909)

Ehmet Hayes / *as*
Architect

4-30-21

Date

N/A

Construction Manager

Date

Finance Officer

Date

Local Board of Education Designee

Date