

# FACPAC Contract Change Order

## Supplemental Information Form (Ref# 54043)

Form Status: Saved

Tier 1 Project: Erpenbeck Elementary Upgrades

BG Number: 20-122

District: Boone County (035)

Status: Active

Phase: Project Initiation (View Checklist)

Contract: The Geiler Company, 0001, Upgrades

Type: General Contractor

Proposed

Change Order Number	One (1)
Time Extension Required	No
Date Of Change Order	10/19/2020
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	\$50,000.00
Net Approved COs	\$0.00
Remaining After Approved COs	\$50,000.00
Net All COs	\$26,541.00
Remaining After All COs	\$23,459.00

This Requested Change Order Amount \$26,541.00

+/-

Change In A/E Fee This Change Order

+/-

Change In CM Fee This Change Order

+/-

Remaining Construction Contingency \$23,459.00

Balance

Contract Change Requested By

Architect/Engineer; Code Enforcement Official;  
General Contractor; Local Board of Education

Contract Change Reason Code

Code Compliance; Expansion of Scope; Found  
Condition; Improved Plans/Specs

Change Order Description And Justification

Proposal 1 - Change two 24x24 louvers to 18x16 sloped louvers. Two new louvers were indicated for boiler fresh air intakes. Contractor offered a credit to utilize wall hoods which are

smaller less expensive. DEDUCT \$1,500.

Proposal 2 - Added thermometers and gauges in Mechanical Room. Existing thermometers and pressure gauges were removed along with existing equipment that was to be demolished. These gauges were expected to remain in place, but were in fact part of the equipment and could not be salvaged. Additional gauges were also requested for additional troubleshooting and monitoring purposes for the maintenance team. ADD\$4,617.

Proposal 3R - Tie existing water heaters into new emergency shut-off switches. Existing water heaters were outside the project scope, but were found to be out of compliance when inspector walked the site to review the project scope. ADD \$2,881.

Proposal 4R - Replace existing breaker for panel ELP1 with new to provide adequate series rating to all existing circuit breakers and two new breakers for the new boilers as a result of deficiencies noted in power system. This is needed to change equipment interrupting current rating from "inadequate" to "adequate". Existing panel ELP1 was found to be inadequately rated to handle the calculated worst case fault current. ADD \$2,473.

Proposal 5R - Provide and install new breakers for panels DP and EDP. This is needed to change equipment interrupting current rating from "inadequate" to "adequate". These existing panels were found to be inadequately rated to handle the calculated worst case fault current. ADD \$16,997.

Proposal 6R - Testing of the GE 1600 amp breaker. This investigation is recommended in order to determine the cause of the nuisance tripping of a main circuit breaker. While the emergency electrical system is adequate and operational, nuisance trips of the normal power would cause disruption to the school day. ADD \$1,073.

#### Cost Benefit To Owner

Proposal 1 - With items located on back of building at mechanical yard, aesthetics were not affected. Functionality is also unaffected by this change.

Proposal 2 - These additional gauges provide accurate information for field observation by the maintenance team at Boone County. This saves money in repair work and extends equipment life by ensuring proper maintenance can be performed.

Proposal 3R - This tie-in was required by the Inspector to grant a Certificate of Occupancy. Furthermore, this tie-in is a safety issue and therefore should have been provided whether within this project or not.

Proposal 4R - Removes the risk of an electrical fire in panel ELP1 due to a potential fault of an existing load or new load.

Proposal 5R - Removes the risk of an electrical fire in these existing panels due to a potential fault of an existing load.

Proposal 6R - The goal is to determine the cause of the nuisance tripping in order to fix the issue at a pre-scheduled time rather than in an emergency situation.

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

## Detailed Cost Breakdown

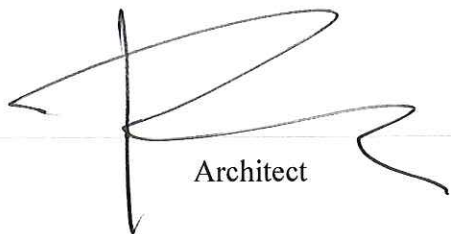
Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

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Detail Item	Amount	Percent of Total
Labor	\$12,118.00	45.66%
Materials	\$10,180.00	38.36%
Profit and Overhead	\$3,860.00	14.54%
Bond Insurance	\$383.00	1.44%
<b>Cost Breakdown Total:</b>	<b>\$26,541.00</b>	

Cost for this Change Order supported by an alternate bid or competitive price quote  
Explain Why

## Change Order Supplemental Information Form Signature Page (Online Form Ref# 54043)



Architect

10-19-20

Date

N/A

Construction Manager

Date

Finance Officer

Date

Local Board of Education Designee

Date