THIS IS A DECISION PAPER

TO: **HARDIN COUNTY BOARD OF EDUCATION**

FROM: **NANNETTE JOHNSTON, SUPERINTENDENT**

DATE: **MARCH 10, 2010**

SUBJECT: **APPROVAL OF CHANGE ORDER #7, NORTH MIDDLE SCHOOL**

ISSUE: The Board needs to approve change order #7 on North Middle School

FACTS

Change Order #7 includes the following changes and costs:

Item	Description	Reason	Amount
1.	(COR 44) Contractor request for extending the existing 4" conduit from existing location to utility pole.	Fiber optic installation utilized the cable TV conduit for access to the building instead of running new conduit. This reduced the cost of fiber installation.	$3,645.50
2.	(COR 47) Revise existing coiling door to crank-type operation, and coordinate door operation with fire alarm with regard to reset of the door following a fire alarm test.	The fire alarm was required to be connected to a linkage on the coiling door by the state building inspector. The door spring had to be reconnected to the linkage when the alarm went off. This created an unmanageable situation by school staff.	$1,861.85
3.	(COR 029) Electrical revision to accommodate food warmers.	This electrical revision was to be provided by equipment supplier. Supplier requested the purchase price be reduced by $1,343.20 to cover this cost.	$1,343.20
4.	(COR 30) Provide labor and material to install tamper switch for PIV.	The PIV is the valve for the vault of the fire suppression system. This was requested by building inspector.	$1,781.35
5.	(COR 49) Unused allowance regarding unsuitable soils.	Less lime stabilization was needed than expected for soil treatment. This is a deduct to the project.	**($80,108.00)**
6.	(COR 50) Unused allowance regarding ADA benches.	Building inspector did not require this item. This is a deduct to the project.	**($2,500.00)**
		Total	**($73,976.10)**

(See attached documentation)

RECOMMENDATION

I RECOMMEND THE BOARD APPROVE CHANGE ORDER #7 FOR THE NORTH MIDDLE SCHOOL FOR THE "CREDIT AMOUNT" OF $73,976.10.

RECOMMENDED MOTION

I MOVE THE BOARD APPROVE CHANGE ORDER #7 FOR THE NORTH MIDDLE SCHOOL FOR THE "CREDIT AMOUNT" OF $73,976.10.

KENTUCKY DEPARTMENT OF EDUCATION
DIVISION OF FACILITIES MANAGEMENT

CHANGE ORDER SUPPLEMENTAL INFORMATION FORM
702 KAR 4:160
(Supplement to AIA G701 and G701/CMa Change Order Forms)

District: Hardin County District Code: 231 Facility Name: North Middle School School Code: _____

BG #: 07-186 Project: (New) North Middle School Contract/Bid Package: _____

Original Contract Sum: $12,639,049.76 Change Order Number: 7

Requested Change Order Amount $ (73,976.10) Time Extension Required: ☐ Yes ☒ No

NOTE: All change orders shall be submitted with complete cost breakdown including materials, labor, overhead and profit, and any other descriptive drawings and information.

Contract change requested by:

- ☒ Local Board of Education
- ☐ Architect/Engineer
- ☒ Code Enforcement Official
- ☒ General Contractor
- ☐ Construction Manager
- ☐ Other: _____

Change Order Description and Justification:

1. (COR 44) Contractor request for extending the existing 4" conduit from existing location to the utility pole. *Add of $3,645.50* (0 days)
2. (COR 47) Revise existing coiling door to crank-type operation, and coordinate door operation with fire alarm with regard to reset of the door following a fire alarm test. *Add of $1,861.85* (0 days)
3. (COR 29) Electrical revision to accommodate food warmers. *Add of $1,343.20* (0 days)
4. (COR 30) Provide labor and material to install tamper switch for Post Indicator Valve (PIV). *Add of $1,781.35* (0 days)
5. (COR 49) Unused allowance for unsuitable soils. *Deduct of ($80,108.00)* (0 days)
6. (COR 50) Unused allowance regarding ADA benches. *Deduct of ($2,500.00)* (0 days)

Cost Benefit to Owner:

1. Allows completion of conduit installation.
2. Avoids reset of door following fire alarm test.
3. Accommodates kitchen equipment delivered to the project.
4. Required by local code inspector. Was not required by local water district.
5. Returned allowance money not used for unsuitable soils.
6. Returned allowance money not used for installation of ADA benches.

Have contract unit prices been utilized to support the cost associated with this change order?

☒ Yes ☐ No

Is the cost for this change order supported by an alternate bid or competitive price quote(s)?

☐ Yes ☒ No

Does this change order affect the total Architect/Engineer design fee for this project? ☒ Yes ☐ No

Current A/E Contract Amount: $1,076,037.26

Fee Amount for this change +/-: $ 483.38

New A/E Contract Amount: $1,076,520.64

_____

Board of Education Designee Signature Date

ALLIANCE CORPORATION
Builders & Managers

(COR 44)

Change Order Request

Alliance Corporation
2014 KY Route 321
Prestonsburg, KY 41653
Phone: 606-886-8748
Fax: 606-886-0915

Owner : HARDIN CO BOARD OF EDUCA **Project:** 08-060 / NORTH MIDDLE SCHOOL
65 W.A. JENKINS ROAD
ELIZABETHTOWN, KY 42701

Architect : Sherman Carter Barnhart - Louisville
100 Mallard Creek Road, Suite 151
Louisville, KY 40207

PCOType: ACO

Change Order Request #: 44 Extending Conduit to Utility Pole

Item : 01 Extending Conduit to Utility Pole

Cost Type	Amount
3 Subcontract	3,170.00
Subtotal Item 01	3,170.00
Overhead and Profit	475.50
Requested Total For Item 01	3,645.50
Total For Change Order	3,645.50

The Contract Time Will Be Increased by 0 Days.

Submitted By: ALLIANCE CORPORATION

Signed: _____

Date: 1/28/10

HEARTLAND ELECTRIC CO. of KY, LLC
703 West Main St.
P.O. Box 178
Clarkson, KY 42726
PH: (270) 242-9274 Fax: (270) 242-9599

January 27, 2010

To: Alliance Corporation
P.O. Box 1480
116 East College St
Glasgow, KY 42142-1480
Attn: Derrick Akers, Project Manager

Re: North Middle School, Request from John

Derrick,

John has requested we quote extending the 4" conduit from present location to the utility pole. Our quote is as follows:

Conduit	$600.00
Trenching	$500.00
Backfill and Straw	$150.00
Labor	$1920.00
Total Cost:	$3170.00

Sincerely,

Joe Heaverin

ALLIANCE CORPORATION

Builders & Managers

(COR 47)

Change Order Request

Alliance Corporation
2014 KY Route 321
Prestonsburg, KY 41653
Phone: 606-886-8748
Fax: 606-886-0915

Owner : HARDIN CO BOARD OF EDUCA
65 W.A. JENKINS ROAD
ELIZABETHTOWN, KY 42701

Project: 08-060 / NORTH MIDDLE SCHOOL

Architect : Sherman Carter Barnhart - Louisville
100 Mallard Creek Road, Suite 151
Louisville, KY 40207

PCOType: ACO

Change Order Request #: 47 Crank Operated Fire Door

Item : 01 Crank Operated Fire Door

Cost Type	Amount
3 Subcontract	1,619.00
Subtotal Item 01	1,619.00
Overhead and Profit	242.85
Requested Total For Item 01	1,861.85
Total For Change Order	1,861.85

The Contract Time Will Be Increased by 0 Days.

Submitted By: ALLIANCE CORPORATION

Signed: _____

Date: 1/31/10

The Genuine. The Original.

OVERHEAD DOOR Trade Mark

SINCE the original 1921

FAX COVER SHEET

OVERHEAD DOOR COMPANY OF LEXINGTON
181 TRADE STREET
LEXINGTON KENTUCKY 40511
859-254-6606
859-254-6608 FAX
800-678-3667

SEND TO	
COMPANY NAME: Alliance Corp.	FROM: Vic Gago
ATTENTION: Derrick	DATE: 1/29/2010
OFFICE LOCATION:	OFFICE LOCATION: Lexington
FAX NUMBER 606-886-0915	PHONE NUMBER: 859-254-6606

☐ Urgent ☐ Reply ASAP ☐ Please comment ☐ Please review ☒ For your information

Total pages, including cover sheet : >> 4/5

COMMENTS

Enclosed is the pricing to change the fire door to a M-100 Crank operated fire door so they can test the drop of the door at any time without having a serviceman to reset the door. If they test the door through the building alarm system all they reset is the release device.

Feel free to call if you have any questions.

Thanks, Vic

Drawing to show what it would look like installed.

Overhead Door Company of Lexington, Inc.
181Trade St.
Lexington, Ky 40511
Phone (859) 254-6606 (800) 678-3667
Fax (859) 254-6608
VGAGO@ODCLEX.COM

The Genuine. The Original.

Proposal #: VIC-12724
Q 30928

PROPOSAL SUBMITTED TO: ALLIANCE CORPORATION			Date 1/29/2010	Attention DERRICK
STREET 2014 KY. RT. 321			Job Name HARDIN CTY. NORTH MIDDLE SCHOOL	
City PRESTONSBURG	State KY	ZipCode 41653	Job Location VINE GROVE, KY.	
Phone Number 606-886-8748	Fax Number 606-886-0916		Job Phone 606-886-8748	

ITEM #	QTY	SERIES	DOOR WIDTH	DOOR HEIGHT	OPENING WIDTH	OPENING HEIGHT	OPERATION	HEAD ROOM	JAMB TYPE
1	1								

FURNISH AND INSTALL:

Re: Change Counter Fire Door to M-100 Crank Operated.

Change Existing Counter Fire Door at Concessions to a M-100 Crank Operated System

Materials and Labor to make above change is ..... $ 1,619.00

Note: Ceiling grid will need to be removed in this area for this change to be made.

We hereby propose to complete in accordance with above specification, for the sum of:

One Thousand Six Hundred Nineteen Dollars and No Cents **1,619.00**

Signature Vic Gago
Vic Gago - Commercial Estimator Direct Dial: 859-254-6606 EXT.228

TERMS AND CONDITIONS

Payment to be made as follows: Net 30 days

Prices subject to change if not accepted in 30 days.

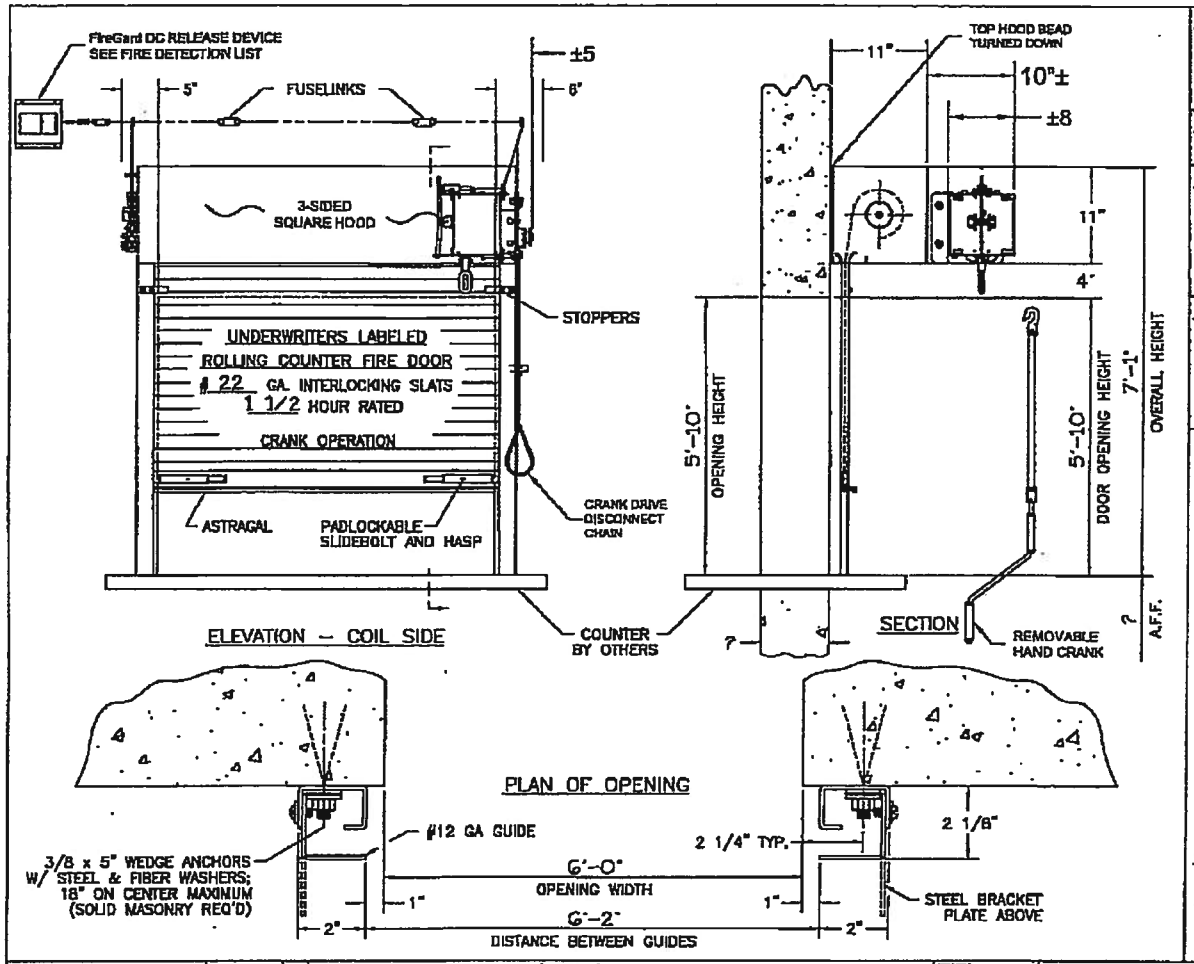
BY OTHERS: Jambs, spring pads, all wiring to motors and control stations, must be furnished and completed by others and are not included.

Purchaser agrees that doors shall remain in Seller's posession until paid in full. In the event Purchaser breaches or defaults under the terms and provisions of this Agreement, the Purchaser shall be responsible for the costs of collection, including reasonable attorneys' fees. The Seller shall be entitled to full and final payment on the Purchase Order. There shall be a 1 1/2% service charge per month for all payments due and owing after 30 days. (Agreements are contingent upon strikes, accidents, or delays beyond our control.)

ACCEPTANCE: Terms, Price, and specifications on all pages of this proposal are hereby accepted and the work authorized.

Purchaser: _____

Signature _____ Title _____ Date of Acceptance _____



QUANTITY & SIZE:

	D.B.G.		D.O.H.	MARK
(1)	6'-2"	x	5'-10"	

WALL CONSTRUCTION:

☐ Steel ☑ Masonry ☐ Other _____

MATERIAL & FINISH:

CURTAIN – GALVANIZED STEEL GALVANEX FINISH CORNELL GRAY
BOTTOM BAR – PLAIN STEEL POWDER COATED CORNELL GRAY
GUIDES – PLAIN STEEL POWDER COATED CORNELL GRAY
HOOD – GALVANIZED STEEL GALVANEX FINISH CORNELL GRAY
PLAIN STEEL – POWDER COATED CORNELL GRAY

LOCKING:

Slidebolt with hasp for padlocking located at both jambs.
Padlocks by others, #1/4" maximum shank.

Locking is operable from the COIL SIDE only.

FIRE DETECTION EQUIPMENT LIST:

1 – Firegard dc release device. requires 24 vdc power from alarm control panel. draws 0.10a standby current 0.15a alarm current.

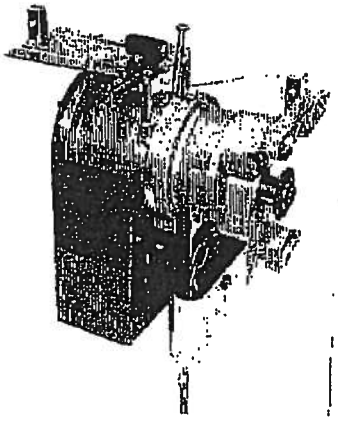
NOTE: Location of fuselinks / thermal sensors as shown, is simply a visual representation. Fuselinks / thermal sensors should be properly installed per NFPA bulletin 80 and in accordance with the authority having jurisdiction.

01/20/2010
BSE_UL9R

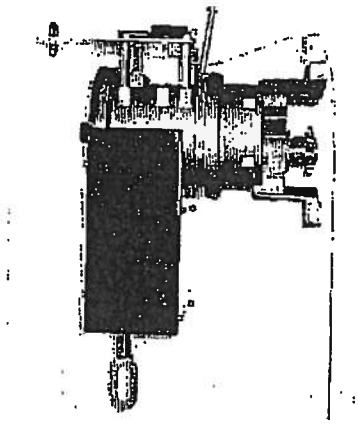
M100 CRANK OPER. (FHKM) ROLLING COUNTER FIRE DOOR	DRAWN BY: WEB	CORNELL IRON WORKS New Solutions. Since 1828. Mountaintop, Pennsylvania	AGENT: OVERHEAD DOOR CO OF LEXINGTON
ALLIANCE CORP VINE GROVE KY	DATE: 01/29/10		NO.: EST# 541623 001 A

Cornell M100 Chain and M100 Crank

Advanced Fire Product Operating Systems



M100 Chain Operator



M100 Crank Operator

System Advantages

Provide fire protection simply and safely without resetting spring tension or re-engaging the operator drive after testing. These manually operated M100 systems open via a chain or crank device and include a stop and hold feature that prevents back winding – no matter what the position of door travel. Brake release activation allows the door to close while routinely testing the governing closing system. And normal or automatic closing speed is always safely controlled not to exceed 9" per second.

Automatic closing fire protection is achieved by melting of a 165° fusible link. With the use of an optional fail-safe release device, activation by local detectors or a central alarm is also available. After testing, resetting any M100 Chain or M100 Crank requires only replacement of the fusible link or re-engagement of the drop bar at the release device before the system is again ready for normal or automatic operation.

Benefits

- Simplified testing and resetting of automatic closing system
- Spring tension is not released when the fire door is closed automatically
- Lower testing and maintenance costs than conventional spring release fire door systems
- Fire door resetting only takes minutes to perform by facility personnel
- Minimal opening downtime - doors are easily reset to the open position following alarm or power failure closing
- Safe / Controlled / Consistent closing speed
- UL and FM Approved for use with Cornell Fire Doors, Counter Fire Doors and SmokeShield® products
- Can be retrofit to existing Cornell Emergency Response fire products
- Operator safely stops curtain at any position - will not back wind
- Daily operation units provide opening security in addition to fire protection
- Costly power wiring to the opening is not required

Product Applications

- Maximum width of 30' - Maximum height of 24' for M100 Chain and 12' for M100 Crank.
- Consult with factory for daily operation units larger than 210 square feet.
- M100 Chain recommended for units with exposed guides and for fire doors in excess of 12' tall.
- M100 Crank units recommended for finished or recessed applications.

Options

- SmokeShield® option provides a rated smoke and draft control assembly
- Local detector or central alarm activation with use of a fail-safe release device
- Advanced warning annunciators with use of a fail-safe release device
- Locking mechanisms
- Operator cover

CORNELL

SAFE AND SECURE

Crestwood Industrial Park
Mountaintop, PA 18707
TEL 800.233.8366 · FAX 800.526.0841
Engineering Design Services: Ext 551 or 641
Website: www.corneliron.com
Email: cornell@corneliron.com

ALLIANCE CORPORATION

Builders & Managers

Change Order Request

(COR 29)

Alliance Corporation
2014 KY Route 321
Prestonsburg, KY 41653
Phone: 606-886-8748
Fax: 606-886-0915

Owner : HARDIN CO BOARD OF EDUCA
65 W.A. JENKINS ROAD
ELIZABETHTOWN, KY 42701

Project: 08-060 / NORTH MIDDLE SCHOOL

Architect : Sherman Carter Barnhart - Louisville
100 Mallard Creek Road, Suite 151
Louisville, KY 40207

PCOType: SCO

Change Order Request # : 029 Electrical Changes for Food Warmers

Item : 01 Electrical Changes for Food Warmers

Cost Type	Amount
3 Subcontract	1,168.00
Subtotal Item 01	1,168.00
Overhead and Profit	175.20
Requested Total For Item 01	1,343.20
Total For Change Order	1,343.20

The Contract Time Will Be Increased by 0 Days.

Submitted By: ALLIANCE CORPORATION

Signed: _____

Date: 2/4/10

HEARTLAND ELECTRIC CO. of KY, LLC
703 West Main St.
P.O. Box 178
Clarkson, KY 42726
PH: (270) 242-9274 Fax: (270) 242-9599

January 6, 2010

To: Alliance Corporation
P.O. Box 1480
116 East College St
Glasgow, KY 42142-1480
Attn: Derrick Akers, Project Manager

Re: North Middle School, Food Warmer

Derrick,

Per John and my conversation to supply the 208/110 volts to 3 food warmers, our price is as follows:

3 – 20A/2 pole breakers	$120.00
Pull extra #12	$28.00
Change 3 Receptacles to 208/120	$60.00
Labor: 2 men x 8hrs. x $60.00	$960.00
Total Cost:	$1168.00

Sincerely,

Joe Heaverin

ALLIANCE CORPORATION

(COR 30)

Change Order Request

Alliance Corporation
2014 KY Route 321
Prestonsburg, KY 41653
Phone: 606-886-8748
Fax: 606-886-0915

Owner : HARDIN CO BOARD OF EDUCA **Project:** 08-060 / NORTH MIDDLE SCHOOL
65 W.A. JENKINS ROAD
ELIZABETHTOWN, KY 42701

Architect : Sherman Carter Barnhart
100 Mallard Creek Road, Suite 151
Louisville, KY 40207

PCOType: ACO

Change Order Request # : 30 **Tamper Switch @ PIV**

Item : 01 **Tamper Switch @ PIV**

Cost Type	Amount
3 Subcontract	1,549.00
Subtotal Item 01	1,549.00
Overhead and Profit	232.35
Requested Total For Item 01	1,781.35
Total For Change Order	1,781.35

The Contract Time Will Be Increased by 0 Days.

Submitted By: ALLIANCE CORPORATION

Signed:

Date: 12/21/05

Derrick Akers

From: dakers@alliancecorporation.com
Sent: Friday, December 04, 2009 10:59 AM
To: Heaverin Joe
Subject: Re: North Middle

Proceed

Sent from my BlackBerry® wireless device

From: "Heartland electric _" <heartlandelectric@windstream.net>
Date: Fri, 4 Dec 2009 09:51:00 -0600
To: 'Derrick Akers'<dakers@alliancecorporation.com>
Cc: John<johnd@alliancecorporation.com>
Subject: RE: North Middle

Derrick,

RE: PIV

The following is our cost proposal for monitoring the PIV.
Material, conduit, cable - $150.00
Labor 2 x 8 x $50.00 - 800.00
$950.00

Sincerely,

Joe T. Heaverin

From: Derrick Akers [mailto:dakers@alliancecorporation.com]
Sent: Friday, December 04, 2009 6:39 AM
To: Heaverin Joe
Subject: North Middle

Joe,
According to the Building Inspector we need a written confirmation from the Electrical Inspector that the classrooms are complete. Also please send me a price for installing the Tamper Switch for the PIV. Please send this price by email. I will be out of the office today. Copy John on this email.

TRI-STATE FIRE PROTECTION INC.

Proposal

10577 Oak Grove Road Newburgh, IN 47630 Phone (812)853-9229 Fax (812)858-9074

December 21, 2009

Attn: Derrick Akers
Alliance Corporation
116 E. College Street
Glasgow, KY 42142

P (606) 886-8748
P (606) 886-0915

RE: North Middle School, Vine Grove, KY Yard PIV Tamper
Fire Sprinkler System

We propose to furnish labor and material as follows:

Install 1 –Tamper Switch at the Yard Post Indicator Valve. All wiring is to be by others.

Material	149.00
4 man/hour Sprinkler Fitter	300.00
Subsistence	75.00
Truck Trip	75.00

Additional Labor & Material $ 599.00

- One year warranty
- All work to be per NFPA 13, State and Local Codes and owners practices.
- No painting, tapping fees, overtime, fire extinguishers, electrical or fire alarm work.

We appreciate the opportunity to quote this project and if you have any questions, please feel free to contact our office at anytime.

Accepted. The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Date of Acceptance_____

By_____

Respectfully Submitted,
Tri-State Fire Protection, Inc.

Elizabeth Blanchette

ALLIANCE CORPORATION
Builders & Managers

(COR 49)

Change Order Request

Alliance Corporation
2014 KY Route 321
Prestonsburg, KY 41653
Phone: 606-886-8748
Fax: 606-886-0915

Owner : HARDIN CO BOARD OF EDUCA **Project:** 08-060 / NORTH MIDDLE SCHOOL
65 W.A. JENKINS ROAD
ELIZABETHTOWN, KY 42701

Architect : Sherman Carter Barnhart - Louisville
100 Mallard Creek Road, Suite 151
Louisville, KY 40207

PCOType: ACO

Change Order Request : 49 Allowance #6 Reinbursment

Item : 01 Allowance #6 Reinbursment

Cost Type	Amount
3 Subcontract	-80,108.00
Subtotal Item 01	-80,108.00

Requested Total For Item	01	-80,108.00
Total For Change Order		-80,108.00

The Contract Time Will Be Increased by 0 Days.

Submitted By: ALLIANCE CORPORATION

Signed: _____

Date: 2/10/10

ALLIANCE CORPORATION

Daily Contact Report

JOB NAME	JOB #	REPORT #	DATE
North Vine Middle School	08-060	21	June 23, 2008

WEATHER CONDITIONS			TEMPERATURE			PHOTOS TAKEN
☑ SUN	☐ SNOW	☐ DRY	7:00 AM	12:00 PM	4:00 PM	☑ YES
☑ CLOUDS	☐ RAIN	☐ SLOPPY	58 °	78 °	81 °	☐ NO

Important telephone conversations, field decisions, etc.,

Directed by Patriot to undercut portion of building pad, approx. (50 x 75 x1).

Called and left message for Ervin at KU regarding tree removals.

RSC rentals delivered generator, and stopped by to discuss job and equipment rentals.

Contacted by Acton Trailers and the want to deliver trailer betwwen 6-7pm, I told them I would come back.

Clark from Scotty's stopped by and reviewed drive and discussed temp stone for parking.

REPRESENTATIVES ON SITE:

☐ Architect ☐ M&E ☐ OWNER ☐ F.M. ☐ OFFICE ☐ OTHER _____

DESCRIBE OTHER

SIGNED: John R. DeBrabander - Project Superintendent

(COR 50)

ALLIANCE CORPORATION
Builders & Managers

Change Order Request

Alliance Corporation
2014 KY Route 321
Prestonsburg, KY 41653
Phone: 606-886-8748
Fax: 606-886-0915

Owner : HARDIN CO BOARD OF EDUCA **Project:** 08-060 / NORTH MIDDLE SCHOOL
65 W.A. JENKINS ROAD
ELIZABETHTOWN, KY 42701

Architect : Sherman Carter Barnhart - Louisville
100 Mallard Creek Road, Suite 151
Louisville, KY 40207

PCOType: ACO

Change Order Request #: 50 Allowance #8 Reinbursment

Item : 01 Allowance #8 Reinbursment

Cost Type	Amount
3 Subcontract	-2,500.00
Subtotal Item 01	-2,500.00

Requested Total For Item	01	-2,500.00
Total For Change Order		-2,500.00

The Contract Time Will Be Increased by 0 Days.

Submitted By: ALLIANCE CORPORATION

Signed: _____

Date: 2/10/10