This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.

The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

A. CONSTRUCTION MANAGER’S FRONT END MANUAL

NA

B. OTHER

NA

C. SPECIFICATIONS

NA

D. DRAWINGS

1. Please reference the attached Addendum No. 003 issued by Hollis + Miller dated September 26, 2023, for updates to Drawings, and bidder questions.

Please direct any questions regarding the information in this addenda and the project to Newkirk Novak Construction Partners.
ADDENDUM NO. 03

Issued: 09/26/2023

Project:
- 23018 - Discovery Middle School, 800 Midjay Drive, Liberty, Missouri 64068
- 23019 - South Valley Middle School, 1000 Midjay Drive, Liberty, Missouri 64068
- 23020 - EPiC Elementary School, 650 Conister Street, Liberty, Missouri 64068

Owner: Liberty Public Schools
8 Victory Lane
Liberty, MO 64068

Bidding Documents Issued: 08.31.2023

This Addendum includes these two pages and the following attachments:

Supplemental Information:
Refer to Newkirk Novak Construction Partners Description Narrative.

Drawings:
- **23018 - Discovery Middle School**
  Refer to Smith & Boucher, MEP Addendum No. 3

- **23019 – South Valley Middle School**
  Refer to Smith & Boucher, MEP Addendum No. 3

- **23020 – EPiC Elementary School**
  Refer to Smith & Boucher, MEP Addendum No. 3
GENERAL – BIDDER’S QUESTIONS

G1  QUESTION: IS THERE ANYWAY WE COULD CHANGE THE DIMENSIONS OF THE DOUBLE T’S AND LOAD BEARING WALLS (NORTH AND SOUTH SIDES) WALLS?

G1.1 Precast double T size and locations need to remain as is to the original design due to multiple penetrations and strategic coordination during design to support the athletic and fine arts functions in the space. Precast wall panels can be reduced in size per manufacture recommendation as long as, double T size remains as is per the original design and accommodate design intent, provide cost assessment for additional joint and steel connection to precast vs. keeping panels as is, all open sizes and locations need to remain as is per the construction drawings. It is highly advised for precast wall panels to remain 10’ to the original design.

DRAWINGS REVISIONS

E2  REFERENCE ATTACHED MEP ADDENDUM NO. 3

SUBSTITUTION REQUEST APPROVALS

This portion of the addendum designates those materials, products and equipment approved prior to submission of bids, as set forth in the contract documents. Items added to the proposed contract documents by this addendum are the only proposed substitutions received and approved by the architect in accordance with those provisions. No other items shall be substituted or bid as “equals”.

It is understood that all items allowed by this addendum are subject to the full provisions of the original proposed contract documents and all modifications thereto and, as such, shall match standards of the original specified items with respect to materials, workmanship, design, size, capacity, type, function, finish, performance, quality, warranty, etc. Nothing in this addendum shall be construed as altering those original standards or modifications thereto.

Approvals are based upon the opinion, knowledge, information and belief of the architect at time of issuance of this addendum and reliance upon data submitted. Approvals are therefore interim in nature and subject to reconsideration as additional data, materials, workmanship and coordination with other work are observed and reviewed. In proposing items allowed by this addendum, bidder assumes all risk, costs and responsibility for item’s final acceptance, integration into the work and performance.

SECTION 095666 – RESILIENT ATHLETIC FLOORING

Omnisports Active+; vinyl, TarkoLay, is acceptable for the Sheet resilient athletic flooring (096566.A01 – AF21,AF22).

SECTION 096723 – RESINOUS FLOORING

Tnemec is acceptable for the seamless resinous flooring (096723.A01) with integral base (096723.A02).

SECTION 102238 – OPERABLE PANEL PARTITIONS

Moderco; Signature 841, Carpet and Vinyl, Individual Panel, is acceptable for the Operable Partition.

END OF ADDENDUM NO. 03
ADDENUM No. 3

Liberty Discovery Middle School Storm Shelter Addition
Smith & Boucher Project No. 2314702

Liberty South Valley Middle School Storm Shelter Addition
Smith & Boucher Project No. 2314703

Liberty Epic Elementary School Lighting Storm Shelter Addition
Smith & Boucher Project No. 2314704

09/26/2023

To Documents Titled: See titles above.
Architect-of-Record:
08/31/2023
Hollis and Miller
1828 Walnut Street Suite 922
Kansas City, MO 64108

The Contract Documents for the above referenced project and the Work covered thereby are modified as described herein.

DISCOVERY MIDDLE SCHOOL DRAWINGS
1. Sheet E301 - Electrical Schedules and Details
   a. Revised transformer grounding to be grounded to building steel in lieu of underground water pipe.

SOUTH VALLEY MIDDLE SCHOOL DRAWINGS
1. Sheet E301 - Electrical Schedules and Details
   a. Revised transformer grounding to be grounded to building steel in lieu of underground water pipe.

EPIC ELEMENTARY SCHOOL DRAWINGS
1. Sheet E301 - Electrical Schedules and Details
   a. Revised transformer L4 to be 75kva, revised the secondary feeder to be 200A, and primary to be 125A so that panel load can be up to 200A.
2. Sheet E301 - Electrical Schedules and Details
   a. Revised transformer grounding to be grounded to building steel in lieu of underground water pipe.

Attachments
• See drawing list above.
END OF MEP ITEMS FOR ADDENDUM NO. 1
CONDUCTORS AND CONDUIT

2 SETS OF (4)#300, #1/0G, 2-1/2"C.
(4)#250, #2G, 2-1/2"C.

MATERIAL

AA
CU
CU

PLAN NOTES:

FURNISH AND INSTALL NEW 3P-600A CIRCUIT BREAKER WITHIN THE EXISTING A SWITCHBOARD LOCATED IN THE MAIN ELECTRICAL ROOM FOR THE BUILDING.
REFER TO 'TYPICAL TRANSFORMER GROUNDING' DIAGRAM ON THIS SHEET FOR TRANSFORMER GROUNDING REQUIREMENTS/SIZE.
PROVIDE TYPE K13 RATED TRANSFORMER.
PROVIDE TYPE C, D, OR E NEOPRENE VIBRATION ISOLATORS DEPENDING ON MOUNTING CONDITIONS AND WITH MINIMUM STAT DEFLECTION OF 0.15IN. PROVIDE SPRING VIBRATION ISOLATORS WHERE SUSPENDED FROM STRUCTURE WITH MINIMUM STAT DEFLECTION OF .5IN. ALL ELECTRICAL CONNECTIONS TO THE EQUIPMENT SHALL BE MADE WITH LONG LENGTHS OF FLEXIBLE CONDUIT, CONNECTIONS MUST BE LOCATED SO AS TO PREVENT RIGID CONDUIT CONNECTIONS BETWEEN RESILIENTLY MOUNTED EQUIPMENT AND THE BUILDING STRUCTURE. COORDINATE WITH ACOUSTICAL SPECIFICATIONS.

CU = COPPER CONDUCTORS
AA = ALUMINUM ALLOY 8000 SERIES CONDUCTORS

(3)#4, #8G., 1"C.
(5)#1 #6G, 1-1/4"C.
(5)#250, #2G, 3"C.

DIMMING RACK
'T-L6'
75 KVA
3P-200A
3P-125A
3P-400A

PANEL 'LP6' 
'W-P6'
3P-400A
PANEL 'HP6' 
3P-400A

STAGE

XFMR ENCLOSURE

PHASE A
PHASE B
PHASE C
GROUND
PHASE A
PHASE B
NEUTRAL
GROUND
PHASE C

*SEE TABLE FOR SIZING
BOND TO ENCLOSURE
TRANSFORMER

SIZE
15 KVA OR SMALLER
30, 45 KVA
75 KVA
112.5, 150 KVA
225 KVA
300, 500 KVA

(*)

#3/0 CU IN 1" C.
#2/0 CU IN 3/4" C.
#1/0 CU IN 3/4" C.
#2 CU IN 1/2" C.
#6 CU IN 1/2" C.
#8 CU IN 1/2" C.

EXOTHERMIC WELD

*NEAREST METAL FRAME OF BUILDING OR STRUCTURE IF STEEL COLUMN HOLD DOWN BOLTS ARE CONNECTED TO A CONCRETE ENCASED ELECTRODE.
### Electrical One Line Diagrams

**Middle School Addition Electric One Line Diagram**

- **Panel Schedule**
  - **Transformer**
    - Size 15 KVA or smaller
    - Size 30, 45 KVA
    - Size 75 KVA
    - Size 112.5, 150 KVA
    - Size 225 KVA
    - Size 300, 500 KVA
  - **Conductors and Conduit**
    - #3/0 CU in 1" C.
    - #2/0 CU in 3/4" C.
    - #1/0 CU in 3/4" C.
    - #2 CU in 1/2" C.
    - #6 CU in 1/2" C.
    - #8 CU in 1/2" C.
  - **Panel 'LP6'**
    - 3P-400A
  - **Panel 'HP6'**
    - 3P-400A
  - **Dimming Rack**
    - 'T-THB' 75 KVA 3P-200A
  - **Stage**
    - 'T-L6' 75 KVA 3P-200A

### Typical Transformer Grounding

- Bond to enclosure of transformer
- Transformer size
- Copper conductors
- Aluminum conductors

### Plan Notes:
- Furnish and install new 3P-600A circuit breaker within the existing A switchboard located in the main electrical room for the building.
- Refer to 'Typical Transformer Grounding' diagram on this sheet for transformer grounding requirements/sizes.
- Provide Type K13 rated transformer.
- Provide Type C, D, or E neoprene vibration isolators depending on mounting conditions and with minimum static deflection of 0.15in. Provide spring vibration isolators where suspended from structure with minimum static deflection of .5in. All electrical connections to the equipment shall be made with long lengths of flexible conduit, connections must be located so as to prevent rigid conduit connections between resiliently mounted equipment and the building structure.

### Material
- AA = Aluminum Alloy 8000 Series Conductors
- CU = Copper Conductors

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*Please consider the environment before printing this.*

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**EXOTHERMIC WELD**

- Nearest metal frame of building or structure if steel column hold down bolts are connected to a concrete encased electrode.