

### Addendum #2

Project: 20240606 - BL000A Site - Replace Section of 12470V Circuit 104 and 106

Date: December 4, 2025

This Addendum, issued prior to bidding, alters, amends, corrects, or clarifies the Construction Bid Documents to the extent stated herein and does thereby become a part of the Construction Bid Documents, and will become part of the Contract Documents of the successful bidder. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

#### ITEMS INCLUDED IN THIS ADDENDUM

#### <u>Item 1 – Bid Opening Date</u>

The bid opening date has been extended to December 18, 2025. See attached revised Notice to Bidders.

#### Item 2 - Questions and Answers

- Q1. Is there a secondary feed for the two main primary circuits, so that portions of the primary could be isolated and back feed?
- A1. No, we have two circuits going to each building, reference one lines on drawing sheet E6.
- Q2. If our work plan shows or projects that we can complete the work required by July 31, 2026, without two shifts and without working weekends or some variation of that, would that be acceptable provided we win the bid?
- A2. No, most buildings impacted are laboratory buildings containing very expensive research. Temporary generators are not as reliable as normal power. The amount of time buildings are supplied from temporary generators must be minimized.
- Q3. The specification indicates that the EC can megger the cables on the reel and after being pulled is that the case?
- A3. Yes.
- Q4. It specifies NETA to perform the testing after the stress cones are completed. It calls for DC Hipot. We have found that VLF-Tan Delta Testing is preferred due to the potential damage that DC Hipot can cause.
- A4. Cables shall be tested as specified on Sheet E1.

- Q5. How many mobilizations do you figure for 104 and 106 replacement?
- A5. As required. The contractor will not be provided an on-campus storage space. New cables and equipment will need to be brought to campus just before each pull.
- Q6. What is the total amount of tests to be performed?
- A6. As specified on the Sheet E1.

#### Item 3 - Clarifications from Pre-bid meeting November 20th, 2025

All manholes and duct banks are IU property and only IU 12470 and 4160V circuits are in them.

It is preferred that existing conductor cables are removed, and new cables are installed in the same conduit. Owner approval prior to installation is required if a different conduit is selected as they can impact rated ampacity of the cables.

#### Item 4 - Additional Information

a. Existing projects involving modification to the existing medium voltage feeders that can impact work on this project:

School of Public Health Renovation: Involves modifications to Circuit 104 at E-27-EE. Psychology Electric Service Renovation: Involves modifications to Circuit 104 at E-29-NN.

This work will occur in May of 2026 between graduation and Memorial Day and has priority over work for this project.

b. All generators shall be located such that they fall outside of the dripline of any trees.

#### Item 5

See Attached Pre-bid Attendance Sheet

#### Item 6

Attached School of Public Health electrical vault layout drawing is for reference only.

#### Attachments:

Revised Notice to Bidders
Mandatory pre-bid meeting sign-in sheet
Reference SPH electrical vault drawing E183

#### **END OF ADDENDUM 2**

#### NOTICE TO BIDDERS

Notice is hereby given that electronic bids will be received:

By: The Trustees of Indiana University

Bloomington, Indiana

For: BL000A SITE - Replace Section of 12470V Circuit 104 and 106

Indiana University Bloomington

IU 20240606

At: Office of the Vice President for Capital Planning and Facilities

In accordance with Indiana Code 4-13-18 Drug Testing of Employees of Public Works Contractors and IC 5-16 Public Works

Via electronic bid submission on <u>www.iuplanroom.com</u>. Bidders must be registered on the plan room, and signed into the plan room, in order to submit a bid.

Bids will be electronically opened via Zoom: https://iu.zoom.us/j/82623978895

Meeting ID: 826 2397 8895

Join By Telephone: 312-626-6799

Until: 2:00 P.M. Eastern Time, on December 11, 2025 December 18, 2025.

Bids received after that time will not be accepted. Bid results will be published on www.iuplanroom.com.

A Unified Bid is requested for all work in this project, including General, Mechanical, and Electrical Construction work.

See project specifications for electronic bid submission instructions.

All bid proposals shall be in full accord with the Bidding Documents, which are on file with the Owner and may be examined by prospective Bidders:

VPCPF Support Resources – Construction Procurement Indiana University <a href="mailto:bidtab@iu.edu">bidtab@iu.edu</a>
812-855-5294

Bidding documents will be available November 17, 2025. Please contact the Eastern Engineering Distribution Department, 9901 Allisonville Road, Fishers, Indiana 46038, Ph. 317-598-0661, www.iuplanroom.com for deposit and purchase information.

Each bid must be accompanied by:

 a completed Minority, Women's and Veteran's Business Enterprise Participation Plan, detailing the good faith efforts of the contractor to include minority, women and veteranowned enterprises as subcontractors or material suppliers on the Project;

- a bid security for 5% of the total bid; and
- the contractor's written drug testing program, which must be in full compliance with IC 4-13-18.

The Owner reserves the right to accept or reject any bid and to waive any irregularities in bidding. The Owner may consider a bid to be incomplete if it does not provide the required documentation as described in this Notice, including but not limited to the Minority, Women's and Veteran's Business Enterprise Participation Plan. The Base Bid may be held for a period not to exceed sixty days before awarding Contracts. All Alternate Bids may be held for a period not to exceed ninety days before award and incorporation into the contract by proper Change Directive.

Should a successful Bidder withdraw his bid or fail to execute a satisfactory Contract within 10 days after notice of acceptance of bid, the Owner may declare the Bid Security forfeited as liquidated damages, not as penalty.

A Mandatory Pre-bid meeting is scheduled for 10:00 AM, Eastern Time, on November 20, 2025. All interested parties should assemble at the IU Service Building, 2901 E Discovery Parkway, on the Indiana University Bloomington campus.

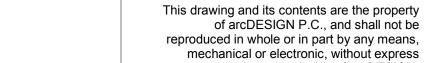
BL000A Site – Replace Section of 12470V Circuit 104 and 106 Indiana University Bloomington IU 20240606

# Pre-Bid/Walkthrough Meeting Sign-in Sheet 20240606 - BL000A - SITE - Replace Section of 12470V Circuit 104 and 106 - BLIU # 20240606 Nov. 20, 2024

Name	Company	Phone #	E-mail
Trevor Chitwood	Cassady Electric	812-606-5412	trevor. chitwood @cassadyelectric.com
Marty Deckord	Electric Plus	812-325-0543	mdeekard De lectric Plus : com
AL. RASHAD	NWP DEUBLOOMENT		Coli ONUPDENELOPMENT, COM
Jesse Clarke	Clorke Electrical Services		jelanke. Ces @ icloud.com
Phil Nichols	IV	812-855-3552	Panichol e Iu. Epu
Nother Smith			
Rob Deckord	JU	812-856-1546	deckard @ iv.edu
DAVID RIFFER	10 CPF	812-325-5560	DARIFFELQ IV. EDU
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## ○ PLAN NOTES

- 1 REPLACE GROUNDING IN EXISTING ELECTRICAL VAULTS. UTILIZE CAD WELDS OR IRREVERSIBLE MECHANICAL CRIMP CONNECTORS.
- 2 ELECTRICAL GROUND BAR.





architecture + interiors

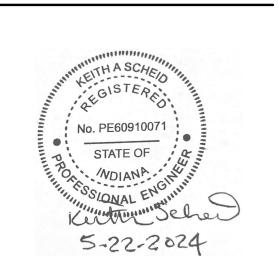
317.951.9192 T | 317.951.9194 F

201 N. Delaware Street, Suite B

Indianapolis, IN 46204

written permission of arcDESIGN.

www.arcdesign.us



ISSUED FOR

CONSTRUCTION  $\triangle$  REVISIONS:

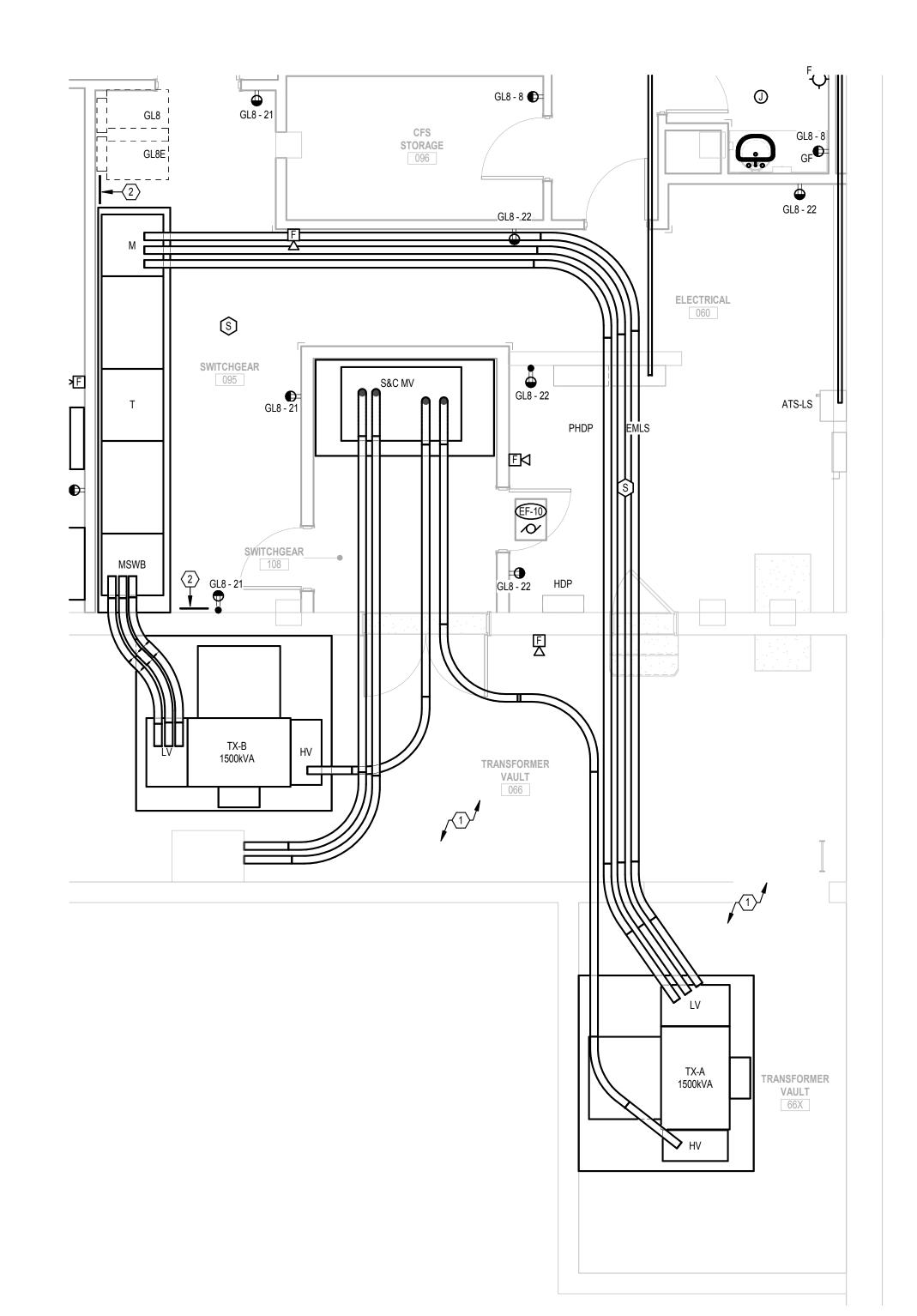
2024.07.24 arcDESIGN PROJECT NUMBER: CLIENT PROJECT NUMBER:

20230270 DRAWING TITLE:

**ENLARGED** PLANS - MER

DRAWING NUMBER:

€ E183



## ORDER OF WORK / SCOPE FOR SERVICE CONSOLIDATIONS

UITS EQUIPMENT IN SWITCHGEAR 082A SHALL REMAIN POWERED DURING BUILDING POWER OUTAGES DUE TO THE CRITICAL NATURE OF THE EQUIPMENT. PROVIDE TEMPORARY EQUIPMENT TO PROVIDE POWER AS NECESSARY TO MEET THIS REQUIREMENT.

REFEED ATS-LS EMERGENCY FEED FROM THE TRANSFORMERS IN 066X TO EDP-1 LOCATED IN 081.

MOVE THE UITS SERVICE OVER TO THE EXISTING NORMAL SERVICE TRANSFORMERS IN 066, ALLOWING THE WEST VAULT 66X TO BE EMPTIED. USE TEMPORARY WIRING METHODS, PROPERLY SUPPORTED FROM THE VAULT STRUCTURE ABOVE. REMOVE EXISTING CONDUITS AND PULL BOXES IN 066 ASSOCIATED WITH TRANSFORMERS IN VAULT 66X. THE LAST 8-12" OF THE BUS BAR FEEDING THE SOUTH NORMAL SERVICE TRANSFORMER WILL NEED TO BE REMOVED TO ALLOW FOR THE ENLARGED VAULT OPENINGS (TOP AND INTO 66X). INSTALL A BARRIER / WALL AROUND THE EXISTING MAIN NORMAL SERVICE TRANSFORMERS. ENLARGE SOUTH VAULT OPENING IN 066 FROM ABOVE AND TO 066X.

PERFORM WATERPROOFING / REPAIRS IN 066X.

CLOSE WEST VAULT OPENING FROM ABOVE IN 066X.
INSTALL WEST TRANSFORMER <u>TX-A</u> IN 066X VIA ENLARGED VAULT OPENING IN 066.
INSTALL TRANSFORMER <u>TX-A</u> SECONDARY CONDUCTORS TO THE EAST MAIN OF THE NEW MAIN SWITCHBOARD.
REFEED <u>PDP-A</u> FROM THE NEW MAIN SWITCHBOARD.

TEMPORARILY FEED THE WEST TRANSFORMER TX-A FROM THE EXISTING SOUTH MV SWITCH THAT FED THE UITS SERVICE.

ONCE ALL LOADS HAVE BEEN REMOVED FROM THE EXISTING NORMAL SWITCHBOARD (MSBD), THE EXISTING NORMAL SERVICE TRANSFORMERS AND SWITCHBOARD MSBD MAY BE REMOVED FROM SERVICE. BUILD SOUTH WALL OF SWITCHGEAR-2 108-2.

INSTALL NEW MV SWITCH VIA ENLARGED VAULT OPENING IN 066. ROUGH-IN FEEDER TO WEST TRANSFORMER <u>TX-A</u>.

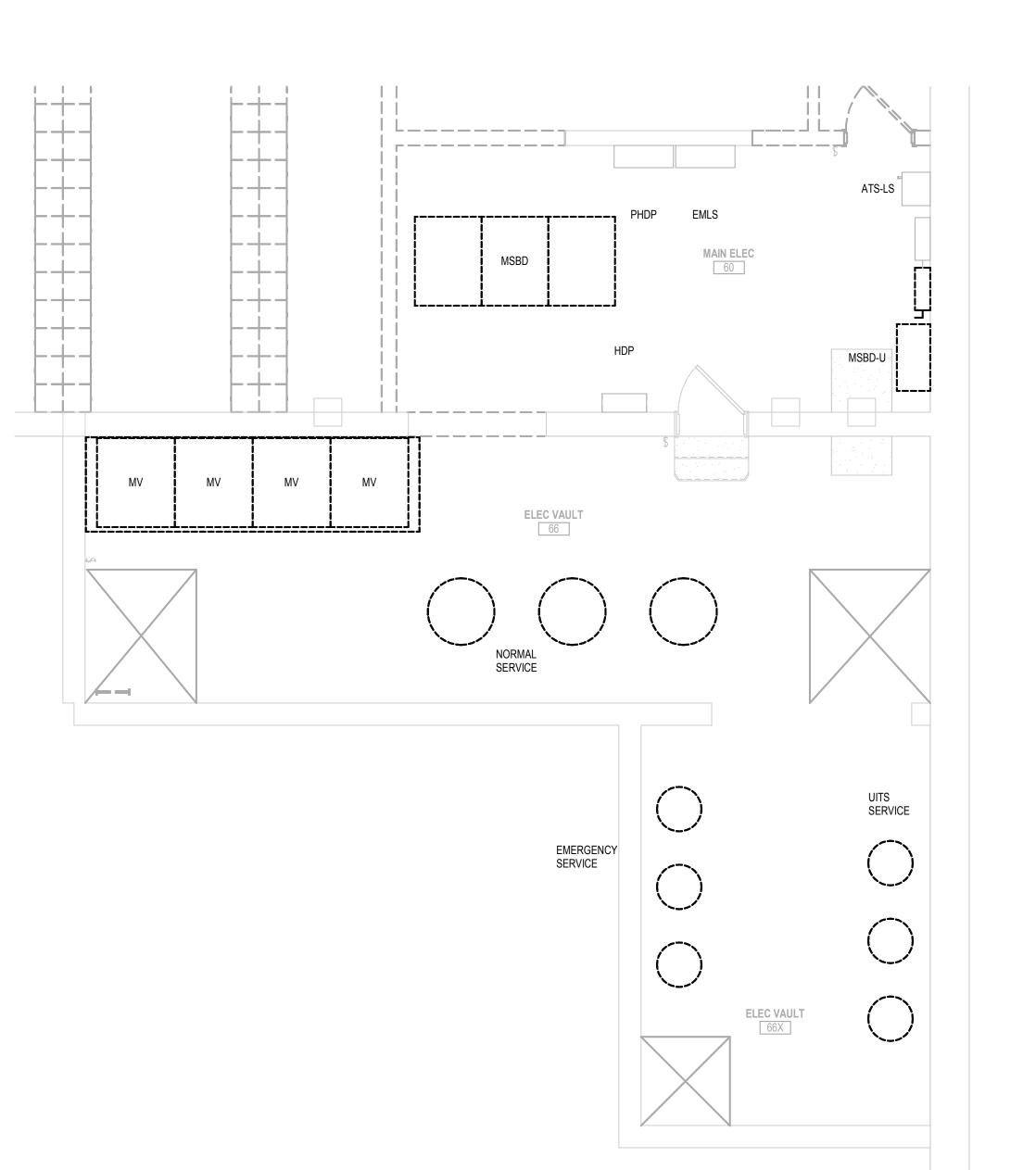
OUTAGE:
COMPLETE MV FEEDER TO WEST TRANSFORMER <u>TX-A</u>.
REPLACE EXISTING MV CONDUCTORS BACK TO MH #<u>E-27-EE</u> AND PULL IN NEW CONDUCTORS AND CONDUIT AS REQUIRED TO THE NEW MV SWITCH IN 108-2.
POWER UP NEW MV SWITCH AND WEST TRANSFORMER <u>TX-A</u>.

REMOVE EXISTING NORMAL TRANSFORMERS AND MV SWITCHGEAR IN 066. PERFORM WATERPROOFING / REPAIRS IN 066.

CLOSE NORTH VAULT OPENING FROM ABOVE IN 066. INSTALL NORTH TRANSFORMER TX-B AND SECONDARY CONDUCTORS TO THE EAST MAIN OF THE NEW MAIN SWITCHBOARD.

INSTALL FEEDER TO NORTH TRANSFORMER TX-B.

ONCE THE LOADS FROM THE EXISTING SWITCHBOARDS IN MECHANICAL 093A (MSBD) AND FIELDHOUSE 199 (199 MSB2) ARE TRANSFERRED TO THE NEW MAIN SWITCHBOARD, THE SOUTH SERVICE OUTSIDE OF THE FIELDHOUSE MAY BE REMOVED FROM SERVICE.



2 EQUIPMENT & PARTIAL CONDUIT PLAN
SCALE: 1/4" = 1'-0"

1 ENLARGED DEMOLITION PLAN - MER
SCALE: 1/4" = 1'-0"

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