



Procurement Services
Lucas Administrative Center, 617
1 Nunn Drive
Highland Heights, KY 41099
859.572.6605
FAX 859.572.6995

ADDENDUM NO: 2

IFB/RFP No: ITB NKU -28-2021

Project /Commodity: Callahan Hall Renovations

Date: 03/24/2021

Due Date: March 30, 2021 @ 2PM

BIDDER/RESPONDER SHALL CONFORM TO THE FOLLOWING CHANGES AS SAME SHALL BECOME BINDING UPON THE CONTRACT TO BE ISSUED IN RESPONSE TO THIS INVITATION FOR BID.

1. SEE ATTACHED

**NKU Callahan Hall Renovation
ADDENDUM # 2 - MEP**

Holly C. Vasquez

Procurement Services Manager
Northern Kentucky University
617 Lucas Administrative Center
Highland Heights, KY 41099

vasquezh1@nku.edu

O: (859) 572-5171

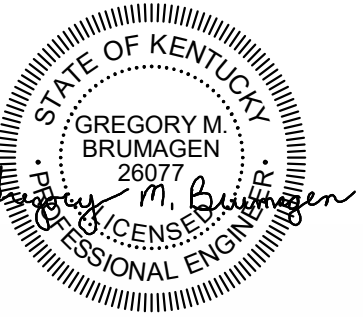
F: (859) 572-6995

HCV-03/24/2021

NKU Callahan Hall Renovation
ADDENDUM # 2 - MEP **March 23, 2021**

- Item #1 Refer to the Mechanical Specifications 200100
- A. Refer to the attached University Covid Policy. The Contractor will be expected to follow the guidelines that are in place based upon this document.
 - B. The Contractor shall provide a temporary plastic partition during summer construction to isolate dust and debris from entering any wings such as A, B, C, and D that they are not working in.
 - C. As the Contractor completes individual wings during the summer and latter phases, the Contractor shall notify the University of the expected completion date so phased punchlists can be completed. The University will follow with their staff to complete the final cleaning on a wing by wing basis.
- Item #2 Refer to Mechanical Specification 203100
- A. The test and balance scope is expected to include the following. The TAB Contractor shall assist in setting the differential pressure required for the hydronic pumps to maintain the desired flow rate at the most remote fan coils in the system. The TAB contractor shall also balance the balance valves associated with the domestic hot water recirculation lines.
- Item #3 Refer to Electrical Drawing E4.1
- A. Refer to the revised E4.1 attached for a new fixture layout utilizing 2x2 fixtures that can work with the existing ceiling grid.
- Item #4 Refer to Mechanical Drawing M7.0
- A. Refer to Base Mounted Pump Detail. Provide a full size check valve at each pump.
- Item #5 Refer to Plumbing Drawing M3.1A, B, and C
- A. Provide a manual balance valve in each riser in the Mechanical Closet (1 per wing for a total of 8). E wing will be located above the ceiling in the basement.

END OF ADDENDA ITEMS



CALLAHAN RESIDENCE HALL RENOVATION/PIPING REPLACEMENT

NORTHERN KENTUCKY UNIVERSITY
3510 Alexandria Pike, Highland Heights, KY 41076

FIRST FLOOR - ALTERNATE #2 - ELECTRICAL CEILING PLAN

CLIENT JOB #:	NKU-28-2021
DATE:	02/26/2021
DRAWN:	ILA
CHECKED:	GMB

REVISIONS	
2 Addendum #2	03/23/21

E4.1

ELECTRICAL LIGHTING NOTES

- A REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RUN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C. #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. ALSO, MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING. TO MAXIMIZE AVAILABLE LIGHT, SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT.
- E LOCATE EXIT SIGNS FOR MAXIMUM VIEWING AREA TO IDENTIFY EGRESS PATHS AS INDICATED ON PLANS. COORDINATE LOCATIONS SUCH THAT ARCHITECTURAL FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSTRUCT VIEW.
- F LUMINAIRES INDICATED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS OR RIGHT AND LEFT HAND LAMPS.
- G ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.
- H RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE REQUIRED INSERTING LAMPS, TRIMS, LENSES, LOUVERS OR DOOR FRAMES DOES NOT SHIFT HOUSING. ALL TRIMS SHALL BE COMPLETELY FLUSH WITH FINISHED CEILINGS AT COMPLETION OF CONSTRUCTION.
- I CONTRACTOR SHALL PROVIDE UNSWITCHED CONDUCTOR TO ALL EXIT SIGNS, EMERGENCY INVERTER BATTERY PACKS, AND NIGHT LIGHTS AS REQUIRED.

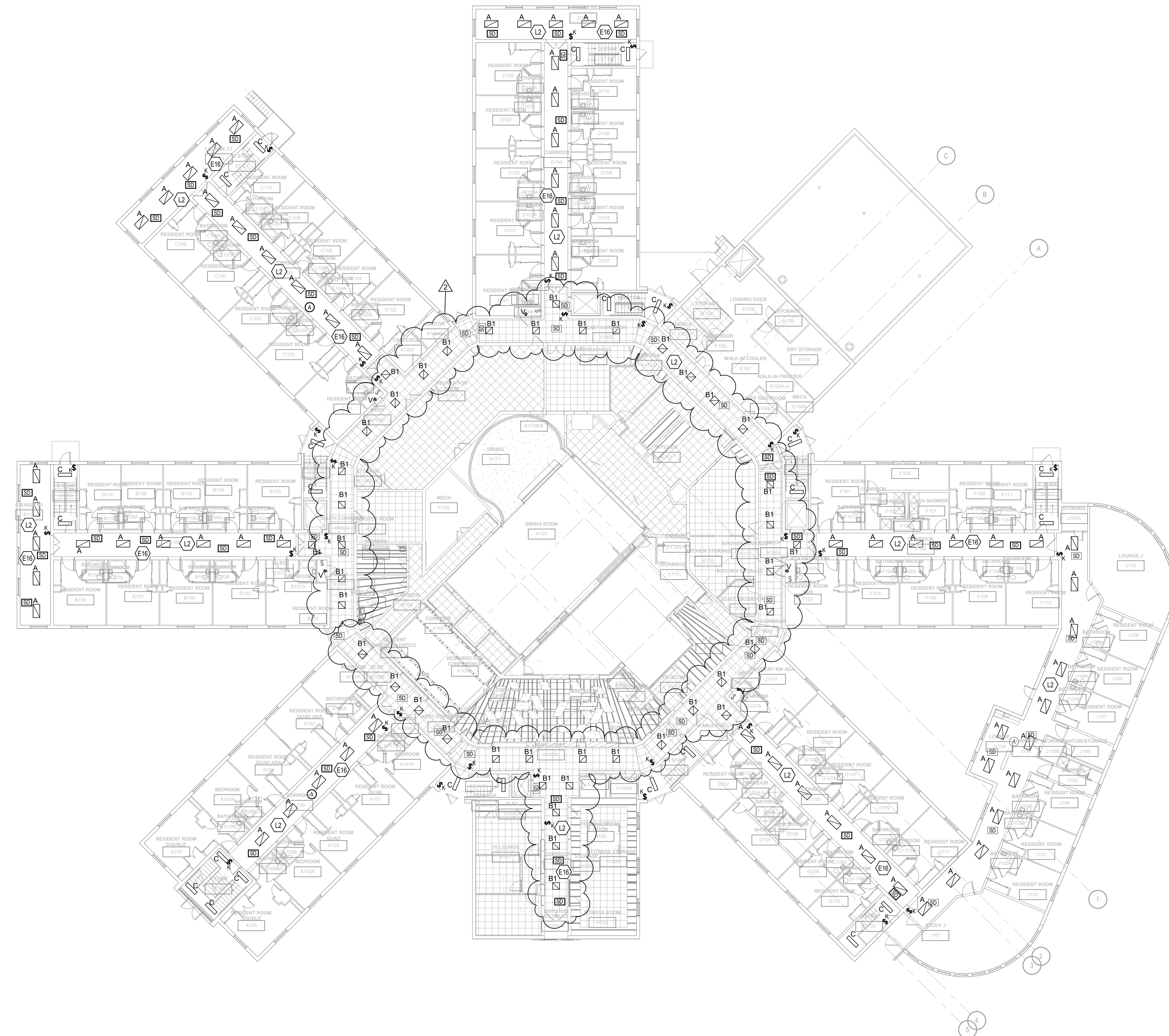
TAGGED NOTES

- E16 REINSTALL ALL DEMOLISHED NON-LIGHTING CEILING DEVICES (SMOKE DETECTORS, DAS ANTENNAS, CAMERAS, ETC.) IN THE SAME LOCATION WITH THE SAME CIRCUIT AS EXISTING. REFER TO DEMOLITION PLAN FOR LOCATION.
- L2 CONNECT NEW FIXTURES IN THIS AREA TO EXISTING CIRCUITS AND CONTROLS.

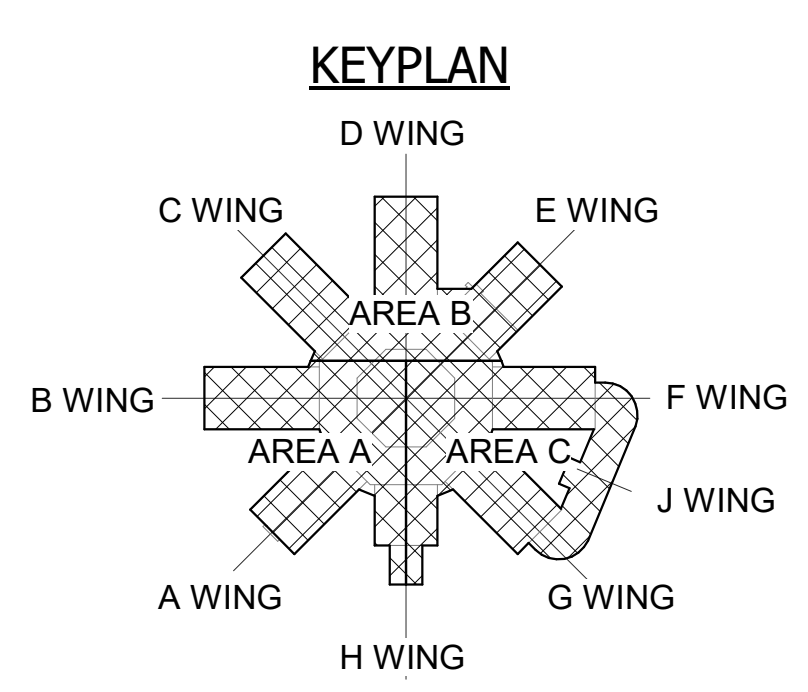
ALL LIGHTING AND LIGHTING CONTROLS REPLACEMENT WORK SHOWN ON THIS SHEET SHALL BE INCORPORATED INTO ALTERNATE #2

ELEC - LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	BASIS OF DESIGN	LAMPS / CCT	MINIMUM LUMENS	MOUNTING	MAXIMUM WATTAGE	VOLTAGE	REMARKS
A	2X4 LED TROFFER	LITHONIA 2BL14-40LHE-ADP-LP835	LED/3500K	4000	RECESSED	32	120	
B	2X2 LED TROFFER	LITHONIA CPX-2X2-3400LM-35K	LED/3500K	3200	RECESSED	32	120	
B1	2X2 LED TROFFER	LITHONIA CPX-2X2-3400LM-35K	LED/3500K	3200	RECESSED	32	120	
C	2X4 LED PAR EC	LITHONIA CPX-2X4-3500LM-35K-MPSH	LED/3500K	7400	SURFACE	29	120	
F	4' LED INDUSTRIAL STRIP	LITHONIA ZL1D148-5000LM-F5T-MVOLT-35K-80CRI	LED/3500K	5000	PENDANT	41	120	
V	VAPOR TIGHT JELLY JAR	LITHONIA OLV2VM	LED/4000K	600	SURFACE	15	120	



FIRST FLOOR - ALTERNATE #2 - LIGHTING PLAN
SCALE: 1/16" = 1'-0"



April 24, 2020

Dear Bidders,

In an effort to prevent spread of the COVID-19 pandemic and protect the safety of personnel, Northern Kentucky University (NKU) has adopted the following requirements, intended for all contractors conducting work on the NKU campus.

Based on recommendations from the Centers of Disease Control and Prevention (CDC), Occupational Safety and Health Administration (OSHA), and in accordance with state and local guidance, all contractors are to follow the requirements outlined below. Since new information from CDC and OSHA continues to be issued, all contractors must remain aware of and in compliance with the latest executive orders issued at the federal and state levels.

Requirements:

- All contractors, sub-contractors and their employees working on campus shall adhere to strict social distancing of at least 6-feet or more at all times (where possible due to practical restraint).
- Appropriate PPE must be worn by all individuals while working on campus.
- Where possible, contractors shall stagger shifts to reduce or eliminate two or more people to come into direct contact, and to ensure continuity of operation in case some worker(s) develop symptoms of COVID-19.
- Handwashing shall occur at arrival to the job site and practiced regularly throughout the day and at end of the worker's shift. During the pandemic, keeping hands clean is especially important to help prevent the virus from spreading. The CDC suggests washing hands frequently throughout the day. This includes before touching one's eyes, nose or mouth; before eating food or drinking; after touching a potentially contaminated surface or object; after blowing one's nose, coughing, or sneezing; before, during, and after preparing food; before eating food; before and after caring for someone sick; before and after treating a cut or wound; after using the restroom; after handling pet food; and, after touching a handrail, door knob, high-touch surface or handling garbage. Handwashing should last at least 20 seconds with soap and water. Alcohol-based hand sanitizer that contains alcohol (60% ethanol or 70% isopropanol) if soap and water are not available.

- Anyone with symptoms or having been near someone with known symptoms should self-isolate and not be permitted back onto a worksite until they are deemed healthy to return to the worksite.
- Workers are required to wear masks to reduce risk of spreading respiratory disease during this pandemic. The CDC recommends the use of cloth face coverings and not surgical masks or N-95 respirators. Both are critical supplies that must continue to be reserved for healthcare workers and medical first responders.
- While on-site, all workers must use designated restroom facilities.
- All workers should avoid more than one person in a single vehicle to maintain proper social distancing.

All contractors must maintain an approved COVID-19 safety plan and related procedures that include the requirements listed above and demonstrate a commitment to remain in compliance with health and safety standards that protect workers and the community from the spread of COVID-19.

Additionally, contractors are to document on a daily basis the names and contact information for workers that work on-site, and this list shall be provided daily to the NKU project manager.

Additional resources:

<https://www.cdc.gov/coronavirus/2019-ncov/downloads/2019-ncov-factsheet.pdf>

<https://www.osha.gov/Publications/OSHA3990.pdf>

If you have any questions, please contact the Facilities Management Project Manager at [insert email].

Sincerely,



Elizabeth Birkenhauer

Associate Director
Planning Design and Construction
Northern Kentucky University
P: 859.572.1369
C: 859.750.0125