



ADDENDUM NO. 3

DATE: 5-30-2024

TO: ALL BIDDERS

FROM: JKF ARCHITECTURE

RE: Lenoir Community College New Aviation Center for Excellence
Project No. 2022-18

The following corrections, clarifications, or supplemental information is to be incorporated into the Contractor(s) bid to perform the Work:

CLARIFICATIONS:

1. In response to an RFI regarding the design of the footing and foundation systems, please note the following information (Geotechnical Report refers to Terracon Geotechnical exploration report dated June 20th, 2023, , including Amendment #1 dated 5-29-2024):
 - a. The structure has been designed on shallow foundations with a net allowable design bearing pressure of 3,000 PSF. Expected settlements are about 1-inch total, < 1/2-inch differential.
 - b. Per Geotechnical Report, Floor slab shall be structurally independent of building footings and foundations and be supported on suitable existing soils or new structural fill compacted in accordance with Earthwork section of the Geotechnical Report and Civil Specification. Use 15 mil vapor retarder over 4" porous fill materials, consisting of NCDOT No. 57 stone. Refer to Foundation plan view on contract drawings, Drawings S1.11 and S1.12 and Geotechnical Report.
 - c. Design Loads:
 - i. Maximum dead load calculated: 70 KIPS
 - ii. Maximum Second Floor Live load calculated: 68 KIPS
 - iii. Maximum Roof Live load calculated: 31 KIPS
 - iv. Maximum allowable column load: 145 kips
 - d. Refer to Design criteria notes on Contract Drawings, Drawing S0.2 and architectural Floor plan for slab live load criteria. Additionally, per the Geotechnical Report, the Aircraft Apron is anticipated that traffic loading will be limited to light-duty, single prop-aircraft such as Cessna 142 and Cessna 172.

CHANGES TO DRAWINGS:

1. None.

CHANGES TO SPECIFICATIONS

1. None.

END OF ADDENDUM NO. 3 (TOTAL NUMBER OF PAGES = 2)

Attachments:

1. As Noted

Lenoir Community College New Aviation Building

JKF Project No. 2022-18

Addendum #3

5-30-2024

Page 2 of 2

xc:

- All Bidders
- Debra Sutton
- Matthew Briley, PE
- Jim Delpapa, PE
- Kevin Roomsburg, PE
- Marty Wynn, PE
- Plan Rooms

file: a:\projects-2022\2022-18\111-003.docx