Addendum

Florida Gateway College
Building 56 – Diesel Mechanics Addition
Lake City, Florida
FGC Bid Number: ITB No. 22-1-01
Project

2054	July 26, 2021
KP Project Number	Date
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Two	
Addendum Number	

This Addendum shall be considered part of the Contract Documents and shall be incorporated integrally into them. Where provisions of the following supplementary data differ from those of the original Contract Documents, this Addendum shall take precedence. Bidders shall acknowledge receipt of this Addendum on their Bid Form.

1. **PROJECT MANUAL, SECTION 07 2600 – VAPOR RETARDERS AND STRUCTURAL DRAWINGS IN GENERAL:** For clarification, the under-slab vapor barrier shall be 15 mil as specified in Section 07 2600.

2. **PROJECT MANUAL, SECTION 08 4113 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS:** Refer to Paragraph 2.1, Subparagraph A. Remove the word "impact" from the last sentence.

3. **PROJECT MANUAL, SECTION 09 9000 – PAINTING AND COATING:** Refer to Paragraph 2.3 and add Subparagraph H. per below. This is for the existing CMU wall with an existing stucco finish located to the north of the new addition.

   H. Primer: LX03W0100 – LXN CONDITION WHT and Finish: A89W01151 – SuperPaint Exterior Latex Satin Extra White.

4. **PROJECT MANUAL, SECTION 13 3419 – METAL BUILDING SYSTEMS:** Refer to Paragraph 1.7, Subparagraph C. Delete this Subparagraph in its entirety. This optional coverage and additional cost is not required. The PEMB manufacturer shall provide their standard warranties.

5. **PROJECT MANUAL, SECTION 13 3419 – METAL BUILDING SYSTEMS:** Refer to Paragraph 2.3. For clarification, the PEMB manufacturer shall supply the diameter and locations of the anchor bolts as part of their design. The PEMB manufacturer shall provide their anchor bolt layout and initial diameter (which the design structural engineer will verify in the construction submittal phase) and the baseplate. The design structural engineer will provide the grade and embedment. The Structural Drawings note a 9" embedment for a ¾" bolt and these are not high strength so they are Grade 36.

6. **PROJECT MANUAL, SECTION 13 3419 – METAL BUILDING SYSTEMS:** Refer to Paragraph 2.5. Roofing shall be 24 gauge.

7. **PROJECT MANUAL, SECTION 13 3419 – METAL BUILDING SYSTEMS:** Refer to Paragraph 2.10, Subparagraph C. Delete this Subparagraph in its entirety. For clarification, the roof insulation system shall be a long-tab banded system.

8. **PROJECT MANUAL, SECTION 13 3419 – METAL BUILDING SYSTEMS:** Refer to Paragraph 2.10, Subparagraph D. For clarification, the wall insulation shall be R-13 of 4" vinyl backed insulation installed over the girts and sandwiched between the panels.

9. **DRAWINGS, SHEET S-1 – DESIGN CRITERIA AND GENERAL NOTES:** The Concrete Mixes shall be added to this Sheet as follows:

CONCRETE MIXES

COMPLY WITH ACI 301 REQUIREMENTS FOR CONCRETE MIXES.

ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH AS SHOWN ON THE DRAWINGS. ALL CONCRETE MIXES SHALL BE PROPORTIONED BY THE FIELD EXPERIENCE METHOD OR THE LABORATORY TRIAL METHOD IN ACCORDANCE WITH ACI 318.

ALL CONCRETE EXCEPT SLAB ON GRADE

- THE MAXIMUM WATER/CEMENT RATIO SHALL BE 0.55
- SLUMP: GROUT FOR FILLING MASONRY CELLS AND CAVITIES SHALL HAVE A SLUMP OF 9-1/2 INCHES ± 1-1/2INCH.
  CONCRETE SHALL HAVE A SLUMP OF 4-1/2 INCHES ± 1-1/2 INCH.

SLAB ON GRADE.

- THE MAXIMUM WATER/CEMENT RATIO SHALL BE 0.55.
- DO NOT ALLOW AIR CONTENT OF FLOOR SLABS TO RECEIVE TROWELED FINISHES TO EXCEED 3%.
- SLUMP SHALL BE A MAXIMUM OF 5 INCHES.

CONCRETE MIXING

READY-MIXED CONCRETE: MEASURE, BATCH, MIX, AND DELIVER CONCRETE ACCORDING TO ASTM C 94 AND FURNISH BATCH TICKET INFORMATION.

- WHEN AIR TEMPERATURE IS ABOVE 90 DEG F, REDUCE MIXING AND DELIVERY TIME TO 60 MINUTES.

PROJECT-SITE MIXING: MEASURE, BATCH, AND MIX CONCRETE MATERIALS AND CONCRETE ACCORDING TO ASTM C 94. MIX CONCRETE MATERIALS IN APPROPRIATE DRUM-TYPE BATCH MACHINE MIXER.

- FOR MIXER CAPACITY OF 1 CU. YD. OR SMALLER, CONTINUE MIXING AT LEAST1-1/2 MINUTES, BUT NOT MORE THAN 5 MINUTES AFTER INGREDIENTS ARE IN MIXER, BEFORE ANY PART OF BATCH IS RELEASED.
- FOR MIXER CAPACITY LARGER THAN 1 CU. YD., INCREASE MIXING TIME BY 15 SECONDS FOR EACH ADDITIONAL 1 CU. YD.
- PROVIDE BATCH TICKET FOR EACH BATCH DISCHARGED AND USED IN THE WORK, INDICATING PROJECT IDENTIFICATION NAME AND NUMBER, DATE, MIX TYPE, MIX TIME, QUANTITY, AND AMOUNT OF WATER ADDED. RECORD APPROXIMATE LOCATION OF FINAL DEPOSIT IN STRUCTURE.

CONCRETE TESTING

COMPRESSIVE STRENGTH TESTS: CONFORM TO ASTM C31 AND ASTM C39. ONE SET OF FOUR CYLINDERS FOR EACH 100 C.U. YDS., OR FRACTION THEREOF, OF EACH STRENGTH CONCRETE PLACED IN ANY ONE DAY. TEST ONE SPECIMEN AT SEVEN DAYS; TEST TWO SPECIMENS AT 28 DAYS AND HOLD ONE IN RESERVE.

SLUMP TESTS: CONFORM TO ASTM C143. PERFORM ONE TEST FOR EACH LOAD POINT OF DISCHARGE AND ONE FOR EACH SET OF COMPRESSIVE STRENGTH TEST SPECIMENS.

END OF ADDENDUM