ADDENDUM NO. 3

DATE: FEBRUARY 22, 2011

PROJECT: PROTECTION, HEALTH AND SAFETY PROJECT
CHEMISTRY LAB RENOVATION AT BUILDING ‘E’
815 N. ORLANDO SMITH AVENUE
OGLESBY, ILLINOIS 61348
BCA PROJECT NO. 1017

ARCHITECT: BASALAY, CARY & ALSTADT ARCHITECTS, LTD.
620 W. LAFAYETTE ST.
OTTAWA, IL  61350
(815) 434-0108

TO: GENERAL CONTRACTOR HOLDING BIDDING DOCUMENTS. IT IS THE GENERAL
CONTRACTOR’S RESPONSIBILITY TO ENSURE DISTRIBUTION TO APPROPRIATE
SUBCONTRACTORS AND SUPPLIERS.

This addendum forms a part of and modifies the Contract Documents for the subject project dated January 31,
2011. Receipt of this addendum is to be acknowledged by the Bidder.

THE CONTRACT DOCUMENTS ARE MODIFIED AS FOLLOWS:

ADDENDA ITEMS:

MECHANICAL:

GENERAL ITEMS:

CLARIFICATION OF BIDDER QUESTIONS:

Question: Drawing M5.00. Exhaust and supply fan schedule show fused disconnects supplied by the fan
manufacturer. Drawings E1.12 & E3.00 show non-fused disconnects supplied by the Electrical
Contractor. Who supplies the disconnects and what type?
Answer: The disconnects for EF-1, EF-2, and SF-1 will be provided by the fan manufacturer as a standard
option.

Question: Are flanged and gasketed duct connections allowed on the rectangular stainless steel fume
exhaust duct?
Answer: Yes, refer to Specification Section 23 31 00, 2.8, G. All fume exhaust joints may be flanged and
gasketed. All fume exhaust ductwork shall comply with the testing requirements listed in
Specification Section 23 31 00, 3.4.

Question: Is the Kirk & Blum Forever Clamp Together Duct System acceptable for the round stainless steel
fume hood exhaust duct?
Answer: Yes, KB Duct is an acceptable alternative for round stainless steel fume duct. Refer to
Specification item M1 below. All fume exhaust ductwork shall comply with the testing
requirements listed in Specification Section 23 31 00, 3.4.

Question: Are air valves tagged #1 and #2 to be deleted under Alternate Bid #4?
Answer: Yes, AV-1 and AV-2 should be deleted for Alternate Bid #4. The round ductwork from the fume
exhaust main should route over to the fume hoods just upstream of the air valves and be
capped.
SPECIFICATION ITEMS:

Item M1: Specification Section 23 31 00, 2.2:

a. **ADD** round stainless steel clamp together ductwork as an acceptable product. Where round ductwork is substituted for rectangular ductwork, the equivalent duct size shall be provided to match the face velocity of the rectangular ductwork shown in the bid documents. Coordinate ductwork with existing conditions and space available. The ductwork shall be manufactured and installed per Specification Section 23 31 00, 2.2 and 2.8 as well as the following requirements:

“B. Clamp Together Stainless Steel Ductwork - General Requirements:

i. Ductwork shall be Type 316L stainless steel, 16 gauge minimum, fully welded construction with rolled lip.

ii. Winged-o-ring gasketed stainless steel clamp. Gasket material shall be Gore-tex.

iii. Limit use of adjustable sleeves as possible.

iv. Acceptable Manufacturers: KB Duct with Forever Clamp or preapproved equivalent.”

ELECTRICAL:

GENERAL ITEMS:

CLARIFICATION OF BIDDER QUESTIONS:

**Question:** Panel ELL/LVC. Panel schedule lists GFI type breakers for all circuits serving chemistry lab table receptacles. GFI type breakers are not available with the specified panel SCCR rating of 42,000A. How to proceed?

**Answer:** Panel ELL/LVC will be revised as described in Items E1 and E2. The panel must remain at SCCR of 42,000.

**Question:** Can Alternate Bid #4 be clarified?

**Answer:** Alternate Bid #4 will be a deduct alternate for the option of waiting to install the four fume hoods shown until a later time. The E.C. will install conduit for each circuit shown to a group of junction boxes above ceiling at a location directly above the fume hoods to be connected in the future. Conductors will be installed in the future as well.

DRAWING ITEMS:

**Item E1:** Drawing E3.01:

a. **REVISE** all circuit breakers serving loads labeled "CHEMISTRY LAB TABLE RECPT." to be non-GFI type breakers. The allocated space for the GFI component of the breaker shall be changed to a spare 20A/1P breaker for each.

**Item E2:** Drawing E1.12:

a. **REVISE** all double-duplex receptacles (types P,L) included with chemistry lab tables to be GFI type, Item #9 in the GENERAL ELECTRICAL EQUIPMENT SCHEDULE. These receptacles are to be provided as GFI type with the lab casework as described in the Architectural specifications.
b. **REMOVE** disconnect switches 'DS-30' from connections to EF-1 and SF-1. The equipment disconnects will be provided by the equipment manufacturers.

**Item E3:** Drawing ED1.11:

a. **ADD** removal of one $3' \times 3'$ light fixture at center of room E104. Coordinate removal of light fixture with new wall indicated on architectural plans.

END OF ADDENDUM NO. 3