ADDENDUM NO. 1

DATE: FEBRUARY 10, 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:

ARCHITECTURAL

SPECIFICATION ITEMS:

1. Section 06 41 16 – Plastic-Laminate-Faced Architectural Cabinets, Paragraph 2.3; Add the following:

"D. Provide 2" diameter plastic grommets where indicated on drawings. Color to be black."

2. Section 11 53 13 – Laboratory Fume Hoods, Paragraph 2.4.M.3; Add the following:

"b. Provide polypropylene P-traps for Fume Hoods FH-2 and FH-3."

3. Section 11 53 13 – Laboratory Fume Hoods, Paragraph 3.5; Add the following:

"C. Existing Bench Top Hood FH-3 (Room E102):

1. Existing hood to be re-installed.
2. Provide new epoxy resin countertop with single cup sink. Match existing layout.
3. Reuse existing service fittings."

4. Section 12 35 53 – Laboratory Casework, Paragraph 2.2.A.; Omit in its entirety.

5. Section 12 35 53 – Laboratory Casework, Paragraph 2.4.F.; Add the following:

"2. Provide casters where scheduled."
6. **Section 12 35 53 – Laboratory Casework, Paragraph 2.4;** Add the following:

   "4. Subject to compliance with requirements of Construction Documents, casework by Leonard Peterson and Co., Inc. is acceptable to be provided under voluntary alternate bid."

**DRAWING ITEMS:**

7. **Sheet A1.0:** See sketches SK.1 and SK.2 for areas of additional patching of gypsum board and wall texture as noted and bubbled.

8. **Sheet A1.0:** Provide grommet in work surface in room E104 as indicated on detail 4/A3.0.

9. **Sheet A1.0:** Provide grommets in work surfaces in room E106 as indicated on detail 6/A3.0.

10. **Sheet A1.1:** See sketch SK.3 for areas of additional patching of gypsum board and wall texture as noted and bubbled.

11. **Sheet A1.1:** Detectors denoted on reflected ceiling plan as ‘SD’ and ‘OC’ in the following rooms shall be (E) to remain or (E) to be relocated and re-installed: Rooms – E101, E102, E103, E104, E104A, E106 (See Electrical Drawings for complete scope).

12. **Sheet A2.0, Details 3 & 4:** Omit upper (wall) cabinets #26 & #27 and prepare for future flat screen monitors. Monitors will be by Owner.

13. **Detail 4/A2.1, Elevations A & C:** Provide (2) Burette rod holders in countertops as directed by Architect (10 countertops).

14. **Detail 4/A2.1:** 12" high backsplash to be 1/2" thick epoxy resin.

15. **Sheet A2.3:** Add Lab Casework Schedule Note as follows:

   "5. Provide locks on cabinets and drawers where indicated on casework elevations."

16. **Sheet A2.3:** Add detail SK.4 (attached) showing floor sink location and removable panel at student fume hoods. Typical 4 locations.

**MECHANICAL**

**SPECIFICATION ITEMS:**

Item M1: Section 23 09 00, 1.6:

   a. **CLARIFICATION:** The project is intended to be an extension of the existing control system, TAC I/NET. Contact Brad Nelson, Dynamic Controls, 1-309-692-8810.

**PLUMBING**

**DRAWING ITEMS:**

Item P1: Drawing PD1.01:

   a. **REVISE** plumbing demolition on vent from crawl space in Room A102. Floor drain vents shall not be modified. Demolish vent from fume hood to location shown and prepare for future connection. Refer to supplemental sketch PSK-6 for additional information.
**ADDENDA**

**IVCC - Chemistry Lab Renovation AD1 - 3 BCA 1017**

**Item P2:** Drawing P1.01:

a. **REVISE** plumbing routing and notes to route fume hood acid waste to floor sink. **REMOVE** acid waste lines from individual fume hood fixtures from above and **ADD** four 3” acid waste and four 2” acid vents from floor sinks. Route new acid vents to open chase. Refer to supplemental sketch PSK-1 for additional information.

b. **REMOVE** acid vent and gas to existing fume hood from crawl space. Acid vent and gas shall be routed to existing fume hood from corridor, similar to existing conditions. Refer to supplemental sketch PSK-5 for additional information.

**Item P3:** Drawing P1.11:

a. **REVISE** plumbing routing and notes to route fume hood acid waste to floor sink. **REMOVE** acid vent piping above fume hood where shown. **ADD** four floor sinks (FS-1) under fume hoods where shown. Refer to supplemental sketch PSK-2 for additional information.

b. **REVISE** plumbing routing and notes to route acid vent and gas to existing fume hood from corridor, similar to existing conditions. Refer to supplemental sketch PSK-2 for additional information.

**Item P4:** Drawing P3.00:

a. **REVISE** detail 2 to route acid waste to floor sinks located under fume hood. Floor sink and plumbing risers and floor sink shall be located within casework chases and accessible through casework access panel. Refer to supplemental sketch PSK-3 for additional information.

b. **CLARIFY** back-to-back fume hood acid waste piping shall be routed between back-to-back fume hood casework to floor sinks under fume hood countertop as shown in detail 4/P3.00. **REVISE** acid waste to route to floor sink. Refer to supplemental sketch PSK-3 for additional information.

**Item P5:** Drawing P5.00:

a. **ADD** FS-1 description to plumbing material list and plumbing rough-in schedule. Refer to PSK-4 for additional information.

b. **CLARIFY** each fume hood in the organic chemistry area includes two cold water, two vacuum, two gas, two compressed air, two cup sink acid wastes, and one water bath acid waste connections. Refer to floor plan notes and details for additional requirements.

**ELECTRICAL**

**DRAWING ITEMS:**

**Item E1:** Drawing E1.12: (Refer to Supplemental Sketch ESK-1 for items below)

a. **REMOVE** two duplex receptacles on the east wall of Storage Areas E104 and E104A.

b. **ADD** one double-duplex receptacle under the new counter in Storage Area E104. Re-route circuiting to accommodate changes.

c. **REMOVE** above counter duplex receptacle on the north wall of Chemistry Lab E101.

d. **REVISE** double-duplex receptacle at E106 computer station to be shown as new work.

e. **REMOVE** duplex receptacle nearest door in E106.
f. **ADD** keynote #4 to receptacles in southwest corner of E106.

**TECHNOLOGY**

**DRAWING ITEMS:**

**Item T1:**

**Drawing T1.00:**

a. **REVISE** schedule note #1 on the Information Outlet Schedule to one 2” conduit in lieu of one 1-1/2” conduit.

b. **REVISE** material list description for item #2 Information Outlet Rough-in to one 2” conduit in lieu of one 1-1/2” conduit.

**Item T2:**

**Drawing T1.11:**

a. **REVISE** keynote #2 on Lower Level Plan - Technology to one 2” conduit in lieu of one 1-1/2” conduit.

b. **ADD** keynote #5 on Lower Level Plan - Technology to state “Coordinate final location and height with architect prior to purchase and installation.”

c. **ADD** two monitor rough-in locations to Organic Chemistry E101A. Refer to supplemental sketch TSK-1 for additional information.

**END OF ADDENDUM NO. 1**
DENOTES ADDENDUM ITEM.

NOTE: SEE SHEET A1.0 FOR KEYED NOTES.

PARTIAL FLOOR PLAN

1/8" = 1'-0"
DENOTES ADDENDUM ITEM.

NOTE: SEE SHEET A11 FOR KEYED NOTES.
WALL REMOVAL WITH ASBESTOS ABATEMENT CONTRACTOR AND ARCHITECT.

5. WHERE PLUMBING IS SHOWN ROUTED FROM BELOW, ROUTE THROUGH BASE CABINET UP TO ASSOCIATED FIXTURE.

6. PC IS RESPONSIBLE FOR CORE DRILLING AND SAW CUTTING AS REQUIRED FOR PLUMBING PENETRATIONS. COORDINATE PENETRATION LOCATIONS WITH GC.

9. 3/4" CW, 1 1/2" AV AND 3/4" GAS TO FUME HOOD. 1 1/2" AV AND 1" VAC FROM CRAWL SPACE TO FUME HOOD. REFER TO P1.01 FOR ACID WASTE CONTINUATION.

10. 3/4" CW, 3/4" VAC, 3/4" GAS, AND 3/4" CA TO BACK-TO-BACK FUME HOOD FROM CRAWL SPACE (TYP 2). PROVIDE E-1 FOR EACH CW FROM BELOW (TYP 2). PROVIDE GAS ISOLATION VALVE ACCESSIBLE FROM FUME HOOD CASework (TYP 2). COMBINE 1 1/2" AW FROM CUP SINKS AND WATER BATHIES. ROUTE 1 1/2" COMBINED ACID WASTE TO FLOOR SINK. LOCATE FLOOR SINK IN ACCESSIBLE LOCATION UNDER FUME HOOD CASework. COORDINATE LOCATION WITH ARCHITECT. FUME HOOD HAS MULTIPLE CONNECTIONS OF EACH UTILITY FROM BELOW. REFER TO ROUGH-IN SCHEDULE ON P5.00 FOR QUANTITY OF RISERS FROM CRAWL SPACE. REFER TO 2/03.00 FOR ADDITIONAL REQUIREMENTS.
**PLUMBING FIXTURE ROUGH-IN SCHEDULE**

<table>
<thead>
<tr>
<th>FIXTURE DESCRIPTION</th>
<th>DOMESTIC C.W. (NOTE 3)</th>
<th>DOMESTIC H.W. (NOTE 3)</th>
<th>ACID WASTE (NOTE 3)</th>
<th>ACID VENT (NOTE 3)</th>
<th>COMPRESSED AIR (NOTE 3)</th>
<th>VACUUM (NOTE 3)</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAB SINK (BACK-TO-BACK)</td>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
<td>2&quot;</td>
<td>2&quot;</td>
<td>-</td>
<td>-</td>
<td>NOTE 1 &amp; 2</td>
</tr>
<tr>
<td>LAB SINK (SINGLE)</td>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
<td>1 1/2&quot;</td>
<td>1 1/2&quot;</td>
<td>-</td>
<td>-</td>
<td>NOTE 1, &amp; 2</td>
</tr>
<tr>
<td>FUME HOOD (BACK-TO-BACK)</td>
<td>3/4&quot;</td>
<td>-</td>
<td>2&quot;</td>
<td>1 1/2&quot;</td>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
<td>NOTE 1 &amp; 4</td>
</tr>
<tr>
<td>FUME HOOD (SINGLE)</td>
<td>3/4&quot;</td>
<td>-</td>
<td>1 1/2&quot;</td>
<td>1 1/2&quot;</td>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
<td>NOTE 1, &amp; 4</td>
</tr>
<tr>
<td>RELOCATED EXISTING STILL</td>
<td>1/2&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>NOTE 1 &amp; 3</td>
</tr>
<tr>
<td>RELOCATED EXISTING ICE MACHINE</td>
<td>1/2&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>NOTE 1 &amp; 3</td>
</tr>
</tbody>
</table>

**FLOOR SINK**
- - 3" 2" - - NOTE 1 & 3

**NOTES:**
1. SIZES SHOWN ARE MINIMUMS. SIZES SHOWN ON THE DRAWING THAT ARE LARGER THAN THE SIZES LISTED IN THE SCHEDULE SHALL Dictate THE ROUGH-IN SIZE.
2. SIZES SHOWN ARE FOR SINKS SERVED AS ISLAND SINK. REFER TO FLOOR PLANS FOR SIZES SERVED FROM ABOVE.
3. REFER TO FLOOR PLANS FOR ADDITIONAL REQUIREMENTS. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
4. EACH FUME HOOD SECTION SHALL INCLUDE TWO OR TWO C.A., TWO VACUUM, AND THREE ACID WASTE CONNECTIONS. REFER TO SSP 404 FOR ADDITIONAL INFORMATION.
ROUTE 2" AW AND 1" VAC UP TO RELOCATED EXHAUST HOOD. COORDINATE LOCATION AND LAYOUT WITH FUME HOOD AND CASEWORK.

3/4" CA UP THROUGH WALL ABOVE TO RELOCATED EXISTING EQUIPMENT. REF P1.11 FOR CONTINUATION.
AW 1/2" CW,
CAP 1-1/2" V IN CABINET

SK-E

3/4" CW, 1-1/2" AW, 1-1/2" AV, 1/2" AV & 1/2" G

1-1/2" AW, 1 1/2" AV, 1/2" CW & HW

3" FD-E E

3/4" HW

FD

3/4" GW

PSK-6

PROTECTION, HEALTH & SAFETY PROJECT
CHEMISTRY LAB RENOVATION AT BUILDING 'E'
ILLINOIS VALLEY COMMUNITY COLLEGE
815 N. ORLANDO SMITH AVENUE
OGLESBY, ILLINOIS 61348

DRAWN KYLEH
DATE 2/10/11
JOB NO. 1017
SHEET
ADDITION NO. 1
LOCATIONS. CONTRACTOR SHALL FEED OUTLETS IN EACH GROUPING OF FURNITURE WITH (1) 2" CONDUIT WITH CABLE SUPPORTS TO DISTIBUTE TO EACH PIECE OF FURNITURE.

2. CONTRACTOR SHALL ROUTE (1) 2" CONDUIT FROM 18" AFF WALL OUTLET THROUGH CASE WORK, IN CRAWL SPACE, TO WALL, AND UP TO PROJECTOR ROUGH-IN. CONTRACTOR SHALL PROVIDE A PULLBOX MOUNTED TO THE CEILING IN THE CRAWL SPACE AT EACH CONDUIT PENETRATION. CONDUITS SHALL BE RESERVED FOR OWNER PROVIDED AUDIO/VIDEO EQUIPMENT.

3. CONTRACTOR SHALL PROVIDE NEW CABLE SUPPORT PATH WITH-IN BUILDING E MECHANICAL ROOM FROM THE CRAWL SPACE TO THE EQUIPMENT CABINET LOCATIONS. CONTRACTOR SHALL INSTALL NEW CABLE SUPPORTS NEXT TO ROUTE OF EXISTING CABLEING.

4. CONTRACTOR SHALL ROUTE (1) 3/4" CONDUIT FROM 18" AFF WALL OUTLET THROUGH CASE WORK, IN CRAWL SPACE, TO WALL, AND UP TO PROJECTOR SCREEN LOCATION. CONTRACTOR SHALL PROVIDE A PULLBOX MOUNTED TO THE CEILING IN THE CRAWL SPACE AT CONDUIT PENETRATION. CONDUITS SHALL BE RESERVED FOR PROJECTION SCREEN CONTROL SWITCH CABLEING.

5. COORDINATE FINAL LOCATION AND HEIGHT WITH ARCHITECT PRIOR TO PURCHASE AND INSTALLATION.