



PERFORMANCE
DRIVEN DESIGN.
LHBcorp.com

ADDENDUM NO. 1, ISSUED JULY 13, 2018

RE: **UPGRADE CATH LABS 2 & 3**
(PHASE 2: CATH LAB 2)
LHB Project No.: 150499

TO: All Plan Holders

FROM: LHB, Minneapolis Office

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated 01/29/2018. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 5 pages and the following attachment(s):

8.5" x 11"

- Section 08 71 13
- Section 21 13 13
- Section 26 05 19

30" x 42"

- Sheet GI0.21
- Sheet GI1.23
- Sheet AS1.23
- Sheet AS2.23

- Sheet AS6.21
- Sheet AS7.21
- Sheet SS1.23
- Sheet SS5.21

- Sheet ES2.23
- Sheet ES2.24
- Sheet ES3.23
- Sheet ES7.22

11" x 17"

- Philips Vendor Drawings

- Sheet AS4.21
- Sheet AS5.21

- Sheet MH3.22
- Sheet MH7.21

- Sheet ES8.21
- Sheet ES8.22

CHANGES TO SPECIFICATIONS

1-01. Refer to Section 05 50 00 – METAL FABRICATIONS (*Section not re-issued*):

- a. Add subparagraph 2.4, F, 5 (chrome finish):

Chromium Plating: ASTM B456, satin or bright as specified, Service Condition No. SC2.

- b. Add paragraph 3.7, B (exposed finish for millwork components):

Where components are exposed to view, components shall have a stainless steel or chromium plated finish.

1-02. Refer to Section 08 71 13 – AUTOMATIC DOOR OPERATORS:

- a. Revise paragraph 2.5, C (manual controls) to be Wave to Open.

1-03. Refer to Section 09 22 16 – NON-STRUCTURAL METAL FRAMING (*Section not re-issued*):

- a. Revise wall furring stud spacing to 407 mm (16 inches) on center under subparagraph 3.3, B, 1.
- b. Revise hat channel and "Z" furring channel spacing to 407 mm (16 inches) on center under subparagraphs 3.3, C, 1 and 2.

1-04. Refer to Section 21 13 13 – WET-PIPE SPRINKLER SYSTEMS:

- a. Amend requirement for submittal of hydraulic calculations.
- b. Replace Section in its entirety with attached revised Section 21 13 13.

- 1-05. Refer to Section 26 05 00 – COMMON WORK RESULTS FOR ELECTRICAL:
- a. Modified multiple items throughout specification.
- 1-06. Refer to Section 26 05 19 – LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES (*Section not re-issued*):
- a. Modify paragraph 2.1 C 1 to read as follows: “1. No. 10 AWG: Minimum size, except where smaller sizes are specified herein or shown on the drawings.”
 - b. Modify table 2.1 D 4 to read as follows:
- | | | |
|--|---------|-----------|
| 208/120 V | Phase | 480/277 V |
| Black | A | Yellow |
| Blue | B | Brown |
| Red | C | Orange |
| White | Neutral | Gray * |
| * or white with colored (other than green) tracer. | | |
- 1-07. Refer to Section 26 05 20 – PATHWAYS FOR COMMUNICATIONS AND ELECTRONIC SAFETY AND SECURITY (*Section not re-issued*):
- a. Add paragraph 3.9 A 11 to read as follows: “All security conduits shall have manufactured applied yellow integral color. Conduit field painted will be rejected and replaced at the Contractor’s expense.”

CHANGES TO DRAWINGS

- 1-08. Replace Sheet GI0.21 - PROJECT TITLE SHEET in its entirety with revised Sheet GI0.21.
- a. On Vendor Drawings:
 - i. Delete note: “*=Issued for Reference Only”.
 - ii. Add note: “Contractor and subcontractors are responsible for materials, installation, and/or labor for items noted on the Philips equipment drawings as “furnished by customer/contractor”, “installed by Contractor”, and other similar phrases.”
 - b. On Bid Options:
 - i. On Bid Option #1, add note to refer to Mechanical for exhaust requirements during installation of poured floor.
 - ii. On Bid Option #2, revise option to replace 31 existing light fixtures with 32 new light fixtures.
- 1-09. Replace Sheet GI1.23 – CODE PLAN & CODE SUMMARY in its entirety with attached revised Sheet GI1.23.
- a. Revise Code Plan to reflect Cath Lab 3 revised Subwait and temporary Exam layouts.
- 1-10. Refer to Sheet AD1.23 – LEVEL 3 DEMOLITION PLANS (*Sheet not re-issued*):
- a. Revise Demolition Keyed Note number 33 to read:
33. Remove existing handrail; return to owner for salvaged stock.
- 1-11. Replace Sheet AS1.23 – LEVEL 3 FLOOR PLAN AND REFLECTED CEILING PLAN in its entirety with attached revised Sheet AS1.23.
- a. Add RCP keyed note 17 (control joint).
 - b. Add control joint to gypsum board ceiling in Supply 3H-105B.

- 1-12. Replace Sheet AS2.23 – LEVEL 3 FINISH PLAN in its entirety with attached revised Sheet AS2.23.
 - a. Revise floor finish layout as shown on revised sheet.
 - b. Revise handrails from existing to remain to new HR.1 in Corridors as shown.
 - c. Revise corner guards from existing to remain to new CG.1 in Corridors as shown on revised sheet.
 - d. Revise keyed notes as shown on revised sheet.
- 1-13. Replace Sheet AS4.21 – INTERIOR ELEVATIONS AND ISOMETRIC DRAWINGS in its entirety with attached revised Sheet AS4.21:
 - a. Revise Cath Lab East Elevation 4/AS4.21 to show duplex receptacles at undercounter equipment <MR> and <WC>.
- 1-14. Replace Sheet AS5.21 – PARTITION TYPES AND INTERIOR DETAILS in its entirety with attached revised Sheet AS5.21:
 - a. Add Gypsum Board Ceiling Joint Detail 19/AS5.21.
- 1-15. Replace Sheet AS6.21 – DOOR & FRAME SCHEDULES & DETAILS AND CASEWORK DETAILS in its entirety with attached revised Sheet AS6.31:
 - a. Add “Chrome or Stainless finish” note to 1 ½” diameter hanger rod on Casework Section F-W 38/AS6.21.
 - b. Add “Hemmed Edge” note to Casework Section B-O 41/AS6.21.
- 1-16. Replace Sheet AS7.21 – ROOM FINISH SCHEDULE, MATERIALS FINISH LIST AND DETAILS in its entirety with attached revised Sheet AS7.21:
 - a. Add new Handrail Detail 11/AS7.21.
 - b. Add section reference 11/AS7.21 to Typical Handrail Detail 2/AS7.21.
 - c. On Finish Plan and Schedule Keyed Notes:
 - i. Revise keyed notes as shown on revised sheet.
 - d. On Materials Finish List:
 - i. Add RB.2 to 09 65 13.
 - ii. Add TS.2 to 09 65 16.
 - iii. Revise LVT.1 and LVT.2 Locations on 09 65 19.
 - iv. Delete LVT.3 from 09 65 19.
 - v. Add W.1 to 09 72 16.
 - vi. Revise W.2 and W.3 on 09 72 16.
 - vii. Revise CG.1 and HR.1 Color on 10 26 00.
 - viii. Revise WP.1 Location on 10 26 00.
 - ix. Add WP.2 to 10 26 00.
 - e. On Room Finish Schedule:
 - i. Revise Corridor finishes as shown on revised sheet.
 - ii. Add new room CORRIDOR C3-160 to the Room Finish Schedule.
- 1-17. Replace Sheet SS1.23 – GENERAL STRUCTURAL NOTES, ... & 4TH LEVEL FRAMING PLANS in its entirety with attached revised Sheet SS1.23:
 - a. Add four (4) fall arrest anchors; location to be coordinated with Owner.

- 1-18. Replace Sheet SS5.21 – DETAILS & SECTIONS in its entirety with attached revised Sheet SS5.21:
 - a. Add Tie-off Support at (E) Joist Section 9/SS5.21.
- 1-19. Replace Sheet MH3.22 – PENTHOUSE MECHANICAL PLAN in its entirety with attached revised Sheet MH3.22:
 - a. Add General Sheet Note D, regarding exhaust requirements during Bid Option #2 floor installation.
- 1-20. Replace Sheet MH7.21 –MECHANICAL SCHEDULES in its entirety with attached revised Sheet MH7.21:
 - a. Revise CRAC-2 voltage on Computer Room Cooling Unit Schedule.
- 1-21. Replace Sheet ES2.23 – LEVEL 3 – POWER PLAN in its entirety with attached revised Sheet ES2.23:
 - a. Refer to Keyed Sheet Note Legend
 - i. Remove keynote(s) as shown.
 - ii. Add/Modify keynote(s) as shown.
 - b. Detail 1
 - i. Delete keynote(s) as shown.
 - ii. Add keynote(s) as shown.
 - iii. Remove wireway to boom.
 - iv. Remove EZ-Pass from control room and door into procedure room.
 - v. Update wall box locations to match Philips Drawings.
 - vi. Update floor box locations to match Philips Drawings.
 - vii. Add dedicated receptacles for EN, PEA, NVA and Pedestal Injector to match Philips Drawings.
 - viii. Tag homerun for CRAC unit as shown.
 - ix. Modify receptacle circuits/homeruns as shown.
- 1-22. Replace Sheet ES2.24 – LEVEL 3 – INTERSTITIAL CATH 2 in its entirety with attached revised Sheet ES2.24:
 - a. Refer to Keyed Sheet Note Legend
 - i. Add key note(s) as shown for interstitial pop up lighting control requirements.
 - b. Detail 1
 - i. Add key note(s) as shown on plan drawing.
 - ii. Add lights and switches as shown on plan drawing.
- 1-23. Replace Sheet ES3.23 – LEVEL 3 – SYSTEMS PLAN in its entirety with attached revised Sheet ES3.23:
 - a. Refer to Keyed Sheet Note Legend
 - i. Remove keynote as shown.
 - b. Detail 1
 - i. Change Code Blue and Patient Call from text to Symbol shown.
 - ii. Remove keynote(s) 9 referring to ceiling duct.
- 1-24. Replace Sheet ES7.22 – ELECTRICAL DETAILS in its entirety with attached revised Sheet ES7.22:
 - a. Detail 1
 - i. Revise connections on diagram to match current Philips Drawings.

- 1-25. Replace Sheet ES8.21 – ELECTRICAL SCHEDULES in its entirety with attached revised Sheet ES8.21:
 - a. Refer to Keyed Sheet Note Legend
 - i. Add key note(s) as shown for new circuiting requirements.
 - b. Panel schedule changes made to reflect new circuiting additions.
- 1-26. Replace Sheet ES8.22 – ELECTRICAL SCHEDULES in its entirety with attached revised Sheet ES8.22:
 - a. Modified Electrical Equipment Schedule values for CRAC-2 Unit.
- 1-27. Replace Philips Vendor Drawings, Revision C in their entirety with attached Philips Vendor Drawings, Revision D.

END OF ADDENDUM NO. 01

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