

TCEP No.: 787-002-12

ADDENDUM NO. 2

The Architect/ Engineer issues this addendum, applicable to the above named project, to all known Contractors before receipt of proposal.

This addendum includes Item Number 2-1 thru 2-26. This addendum item shall be fully incorporated into the Bidding/Contract Documents and have the same force and effect as though originally included.

The Bidder shall acknowledge receipt of this Addendum No. 1 on the Bid Proposal Form in the place provided.

GENERAL

Item 2-1: Pre-Bid Meeting

Attached is the Pre-Bid Meeting Sign-In Sheet and the Pre-Bid Meeting Agenda.

Item 2-2: Section 00 22 13 – Supplementary Instructions to Bidders

Refer to section 1.5, A, 3, delete this article. The project will be tax exempt as noted in section 00 73 00 – Supplementary Conditions, page 6.

Item 2-3: Section 01 23 00 - Alternates

Refer to Alternate No. 2: Fire Sprinkler – Entire Building. If this alternate is accepted, the work can be completed over two summer break periods (2013 and 2014)

ARCHITECTURAL

Drawings

Item 2-4: Sheet A1.01 Floor Plans – Area A and B

- A. Refer to Roofing Note, the owner has indicated that Ziembra Roofing, Hastings, Nebraska has completed the majority of their roofing work.
- B. General Contractor to coordinate the extent of the concrete slab demolition and replacement with sub-contractors. New concrete slab shall be minimum 4” thick and reinforced with 6x6-W2.9xW2.9 WWM. Provide vapor retarder per section 03 30 00, 3.3 and aggregate base.

Item 2-5: Sheet F1.01 Finish Plan & Room Finish Schedule

Refer to Finish Materials List, APC-1. Certainteed Ceilings Symphony M RX CAP1222BB-IOF-1 is an acceptable substitution.

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Specifications

Item 2-6: Section 04 20 00 – Unit Masonry

Refer to section 2.4, B. Existing brick is assumed to be Yankee Hill No. 212 Antique “J” Utility size (3 5/8” X 3 5/8” X 11 5/8”) laid on a 1/3 bond.

Item 2-7: Section 08 41 13 – Aluminum-Framed Entrances and Storefronts

Refer to section 2.2, A, subject to compliance with the requirements of the section, add Oldcastle as an acceptable manufacturer. (Series 3000 thermal-multiplane center set)

Item 2-8: Section 08 80 00 - Glazing

Note that glass for glazed doors in the wood laboratory casework shall be provided by the wood laboratory casework manufacturer under specification section 12 35 54, 2.5, B.

Item 2-9: Section 09 51 13 – Acoustical Panel Ceilings

Refer to section 2.1, A, 1, subject to compliance with the requirements of the section, add Certainteed Ceilings Symphony M RX CAP1222BB-IOF-1 as an acceptable substitution.

Item 2-10: Section 14 41 21 – Vertical Platform Lift

Refer to section 2.1, B, 1, subject to compliance with the requirements of the section, add Garaventa Wheelchair Lifts as an acceptable manufacturer. Add the following clarifications to section 2.1:

H. Platform Size and Nominal Clear Platform Dimensions:

1. Standard: 36 inches (914 mm) by 48-7/8 inches (1242 mm) clear platform dimensions.

I. Platform Configuration:

1. Straight Through: Front and rear openings.

J. Landing Openings: Gates shall be self closing type.

1. Gate Height: 42-1/8 inches (1070 mm).
2. Gate Width: 41-3/4 inches (1060 mm).
3. Platform Gate: Travels with platform and opens at lower landing.
4. Upper Landing Gate: Detached, freestanding type.

K. Power Gate Operators:

1. Location:
 - a. Platform Gate: Travels with platform and opens at lower landing.
 - b. Upper Landing Gate.

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- L. Lift Components:
 - 1. Machine Tower: Custom aluminum extrusion.
 - 2. Base Frame: Structural steel.
 - 3. Platform Side Wall Panels: 16 gauge (1.5 mm) galvanized steel sheet.
 - 4. Platform Access Ramp: 12 gauge (2.5 mm) galvanized steel plates; slip resistant surfaces.
 - a. Ramp: Automatic folding type.
 - 5. Side Guard Panels: 42-1/8 inches (1070 mm) high mounted on platform.
- M. Base Mounting at Lower Landing:
 - 1. Floor Mount: Base of lift shall be mounted on the floor surface of the lower landing. For access onto the platform provide a ramp of 16 gauge (1.5 mm) galvanized steel sheet with a slip resistant surface.
 - 2. Mast is free standing, manufacturer to provide mounting base as required for lift support / stability.
- N. Drive Type: Self-lubricating acme screw drive.
- O. Emergency Operation: Manual handwheel device to raise or lower platform.
- P. Battery Powered Emergency Lowering: Battery powered platform lowering device that automatically activates in the event of power failure. Allows passenger to drive platform downward to lower landing. Does not operate lift in up direction.
- Q. Platform Controls: 24 VDC control circuit with the following features:
 - 1. Direction Control: Constant pressure rocker switch.
 - 2. Illuminated and audible emergency stop switch shuts off power to lift and activates audio alarm with battery backup.
 - 3. Keyed operation.
 - 4. Arrival Gong and Digital Floor Display.
- R. Call Station Controls: 24 VDC control circuit with the following features:
 - 1. Direction Control:
 - a. Constant pressure rocker switch.
 - 2. Keyed operation.
 - 3. Call Station Mounting: Upper = Frame mounted.
- S. Safety Devices and Features:
 - 1. Grounded electrical system with upper, lower, and final limit switches.
 - 2. Tamper resistant interlock to electrically monitor that the gate is in the closed position and the lock is engaged before lift can move from landing.
 - 3. Electrical disconnect shall shut off power to the lift.
 - 4. Under platform safety pan with five waterproof safety switches to detect obstruction under platform.

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Item 2-11: Section 11 53 13 – Laboratory Fume Hoods

Refer to section 2.1, A, subject to compliance with the requirements of the section, add LabCrafters as an acceptable manufacturer.

Item 2-12: Section 12 35 54 – Wood Laboratory Casework

Refer to section 2.1, A, subject to compliance with the requirements of the section, add Sheldon Labs as an acceptable manufacturer.

MECHANICAL

Specifications

Item 2-13: Section 23 07 13 – Ductwork Insulation

Section 3.3 Glass Fiber Ductwork Insulation Schedule

Clarification:

Insulation for supply air duct upstream of terminal units shall be flexible insulation as specified.

Insulation for rectangular ductwork downstream of terminal unit is to be liner.

Insulation for round duct downstream of terminal unit is to be flexible insulation.

Item 2-14: Section 23 09 01 – Instruments and Control Elements

Section 1.7.A.1 *Andover*: No substitutes shall be removed from the specification. All control work shall be Honeywell by Engineered Controls INC.

Item 2-15: Section 23 31 13 – Ductwork

Remove paragraph 1.4.B – CAD generated ductwork drawings are not required to be submitted.

Item 2-16: Section 23 31 13 – Ductwork

Clarification:

Snaplock is not acceptable per specifications. Round ductwork to be spiral lockseam or welded as specified.

Drawings

Item 2-17: Sheet M0.00 – Mechanical Abbreviations, Symbols and Notes

Note 5.6 should read:

Existing Science Room temperature controls are Siemens. New Temperature Controls are to be Honeywell by Engineered Controls INC. and are to be connected to existing Honeywell control panels.

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Item 2-18: Sheet M1.01 – IT HVAC Plan

Clarification:

Under Alt. 5 Four (4) BDH-1 Hoods will be located in place of each of the removed hoods. The existing opening through roof to be capped and insulated.

Item 2-19: Sheet M2.01 – Below Floor Piping Plan

Clarification:

4" PVC conduit to be electrical long sweep PVC conduit, not DWV piping.

Item 2-20: Sheet M2.01 – First Floor Piping Plan

All reference to LS-3 on the plan shall be revised to LS-1.

All reference to G-3 shall be revised to G-2.

All reference to A-3 shall be revised to A-2.

Item 2-21: Sheet M2.01 – First Floor Piping Plan

Install shut off valves on 3/4" G, 1 1/2" CW, 1 1/2" HW and 3/4" HWC in corridor after connection to existing mains.

Item 2-22: Sheet M3.01 – First Floor Fire Protection Plan

A. There are two second floor mechanical rooms approximately 70'x28' located on the north and south sides of gym that are to be fire sprinkled. The north mechanical room is to be included in Alternate 1. The south mechanical room is to be included in Alternate 2.

B. Refer to Fire Sprinkler Requirements schedule, note 6. Note to read "Areas 1, 2, and 3 to be part of Alternate No. 1 Fire Sprinkler Phase 1. Area 4 to be part of Alternate No. 2. Fire Sprinkler Entire Building."

Item 2-23: Sheet M4.01 – Mechanical Riser Plans

All reference to LS-3 on the plan shall be revised to LS-1.

All reference to G-3 shall be revised to G-2.

All reference to A-3 shall be revised to A-2.

A take-off on the *Domestic Water, Air, and Gas Riser* was not included on the riser diagram. A 1/2" CW, 1/2" HW, 1/2"G, and 1/2"A shall be shown going to the instructors island sink in the west laboratory room.

Item 2-24: Sheet M6.01 – Mechanical Schedules

LS-3 shall be removed from the *Plumbing Fixture, Equipment, Accessory, and Connection Schedule*. All reference to LS-3 on the plans and schematics shall be revised to LS-1.

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Item 2-25: Sheet M6.01 – Mechanical Schedules

Clarification:

Acid Resistant Polypropylene traps are required on LS-1 and LS-2.

ELECTRICAL

Specifications

Item 2-26: Section 26 51 00, Lighting Fixtures

The following lighting fixtures have been reviewed in accordance with paragraph 2, and are included in the Contract Documents for bidding purposes. All fixtures, lamps, and ballasts are required to meet the specification requirements regardless of prior approval. Prior approval does not waive any requirements indicated on the drawings or the specifications. Some fluorescent fixtures require dimming or multiple levels of switching. The required number and types of ballasts shall be provided to meet the switching requirements shown on the drawings.

<u>Type</u>	<u>Manufacturer and Catalog Number</u>
A	Day-Brite 2DPG332-FS21-UNV-1/21-EB10I-PAF
B	Lithonia N2S 17 MVOLT GEB10PS
C	Lithonia ASW1 LED 1 63B350/30K SR3 120 PE DDBXD BBW Gardco 121-3-75LA-WW-UNIV-BRP-PCB
EM	Chloride CTX6H

END OF ADDENDUM NO. 2



Meeting Sign-In

Project: Fillmore Central Science Room Renovation

Project Number: 787-002-12

Date: February 26, 2013

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Tim Douc	Cheever Const.	477-6745	tdouc@cheeverconstruction.com

KEN HUGHES	MIDLANDS MECHANICAL	466-2772	KHUGHES@MIDMECHINC.COM
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Meeting Sign-In

Project: Fillmore Central Science Room Renovation

Project Number: 787-002-12

Date: February 26, 2013

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Pre-Bid Meeting Agenda

Project: Fillmore Central Science Room Renovation
Project Number: 787-002-12
Date: February 26, 2013

Welcome

Introductions

Project Scope Review

Alternates

Bid Date- March 7, 2013 at 2:00 p.m at Fillmore Central High

Bidding Documents - A&D Technical Supply (\$150 deposit, \$25 per set shipping)

Substantial Completion -August 10, 2013 (May 3 start)

Bid Security-5%

Performance and Payment Bond - Within 10 days of Notification of Award

Spec Section 00 73 00 – Supplementary Conditions

Contingency Fund / Discovery Allowance (\$10,000)

Upcoming Addenda

Questions / Answers