ADDENDUM NO. 1 - OUTLINE AND SUMMARY INFORMATION

To: All Plan Holders of Record

The Plans and Specification prepared by Coffman Engineers dated 12/8/19, shall be clarified and added as follow. The bidder proposes to perform all the following clarifications or changes. It is understood that the Base Bid shall include any modification of Work or Additional Work that may be required by reason of the following change or clarifications.

The Bidders are to acknowledge the receipt of this Addendum by inserting its number and date into their Bid Forms. Failure to acknowledge may subject the Bidder to disqualification and rejection of the bid. This Addendum forms part of the Contract Documents as if bound therein and modifies them as follows:

I. PRIOR APPROVALS
   A. None.

II. AMENDMENTS TO THE PROJECT MANUAL
   A. None.

III. AMENDMENTS TO THE DRAWINGS
    A. None.

IV. GENERAL INFORMATION
   A. See attached structural engineering memo related to subcontractor installation of sprinkler pipe above the ceiling of Room 339. This information is provided for the Contractor’s use in selecting a means and method for accomplishing this work while adhering to Federal and State safety rules and regulations.
   B. See attached PreBid Meeting Minutes and Sign In Sheet.

V. ATTACHMENTS
   A. PreBid Meeting Sign In Sheet
Memorandum

Date: 12/20/2019

To: Loras O’Toole

Company: Montana State University
Facilities Services
P.O. Box 172760
Bozeman, MT
A/E #2019-02-04

Project: Leon Johnson Hall Fire Suppression

Project No.: 190902

C: Karen Hedglin - McKinstry

From: Canaan Bontadelli

Loras:

Coffman Engineers Inc. (CEI) has been requested to evaluate the existing roof framing of the Leon Johnson Lecture hall in respect to the short-term construction loading imposed by the sprinkler installation team and report back maximum allowable loading conditions. The following is a list of assumptions that need to be verified by the university along with a summary of the loading conditions for use at the time of Fire Suppression project bidding. If any of these assumptions are determined to be inaccurate or the bridging is not installed per the last bullet point, CEI is to be contacted for reevaluation prior to the loading of any of the trusses.

Assumptions:

- It is assumed that short term construction duration loading per the ASCE 37-14 is acceptable – MSU to confirm.
- It is assumed that the installation period will be during the summer months and that the existing roof drain and overflow system will be clear of any debris. This assumption’s basis is to allow for a portion of the calculated roof live load to be used for the temporary personnel and material loading – MSU to verify.
- It is assumed that no material loading will be stored on the roof structure or no work whatsoever will be conducted on the roof system while it is subjected to this short duration construction loading – MSU to confirm.
- It has been assumed that the existing roof structure has not been modified since its construction. The drawings that CEI has referenced in its evaluation were produced by CTA and titled Life Science Building construction drawing S-1 thru S-7 dated December ‘69. MSU to confirm that these are the most current and complete set of drawings.
- Contractor to confirm truss bridging is installed at all locations required in original truss design prior to applying any bottom chord loading. Visual observation of the design team verified that this bridging was installed at approximate ¼ points of the truss visible from the lecture hall entrance area although the team was unable to confirm that this bridging was intact throughout the space.
Summary:
A roof loading analysis has determined that the existing open web steel truss roof system can support a maximum of (2) locations of 400lbs concurrently (equally load balanced and spaced no closer than 6'0" OC from each other, and no further than 2’ from the center of the existing panel point) from the double angle bottom chord on any existing truss.

This maximum loading is the combination of personnel, construction tools, temporarily supported materials, and any/all miscellaneous systems required for installation. This loading limitation is to act vertically and any/all horizontal loading to the existing truss system is to be avoided.

Sincerely,

Canaan Bontadelli, P.E.
Principal Structural Engineering
PREBID MEETING SIGN-IN SHEET

Project Name: Leon Johnson Fire Suppression
PPA No.: 18-2184
Date: 12/10/19

Please provide the following information. Please print carefully:

Name: Company/Email: Phone:
Kamil Borsino IT&M Division 495-1543
Marc Ingraham
Bryan Miller
Steve Schroeder
Ben Hoffman
Ben Hoffman
Mark Gouveia
Rogel Herman
Devo
Michael
Karen Hedlund

b.hoffman@coffman.com
mark.gouveia@coffman.com
roger.herman@tetratech.com

3 (PRG COMMERCIAL) LATE ARRIVAL
570.430.4

Karen@e.mckinstry.com
