

**ADDENDUM
NO. 6**

May 16, 2022

**Greenfield Central High School Auditorium Renovation and
Addition – Bid Package No. 1
810 N. Broadway
Greenfield, IN 46140**

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated April 12, 2022, by Lancer+Beebe LLC. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 6-1 and attached RFI Log consisting of 3 pages.

Greenfield Auditorium

RFI Contact(s):
RFI Due Date/Time:
Bid Date/Time:

Published:05/16/2022

RFI LOG

No.	DATE SUBMITTED	RESPONSIBLE PARTY	QUESTION	DATE RECEIVED	FROM	RESPONSE
1	4/28/2022	L+B	Please note Item 2.4, A., in specification 034100. Is the precast mix on all panels to be all structural gray concrete? All exterior panels appear to be covered with thin brick. For thin brick clad panels, it is recommended to acid etch/rinse the precast panels to clean the thin brick and to etch between the thin brick pieces for consistency. Do you want the brick clad precast panels to be acid etched/rinsed or the leave the finished surface with the cast thin brick unfinished?	4/28/2022	CORES LAB	Structural gray concrete is acceptable. Acid etched/rinsed is desired on the exterior.
2	4/28/2022	L+B	Please note Item 2.13, A. in specification 034100. The interior precast panel faces, are they to have a smooth as cast from the form finish? And, can the precast panel (all) back finishes be a two-pass hard hand steel trowel?	4/28/2022	CORES LAB	Precast panel back finishes can be a two-pass hand steel trowel.
3	4/28/2022	L+B	Please note Item 2.14, B., 3.(thin brick type 3), per the Exterior Elevation Notes on sheets A201, 202, and 203, Glen Gery Brick noted should be Pearl River, Wire Cut, not Brazilwood, Wire cut. Please confirm? Please be advised that thin brick lead times are not controlled by the precaster and could affect the project schedule if the thin brick material is not available/received at the precast plant in time to meet the casting schedule	4/28/2022	CORES LAB	See revised specification issued in Addendum No. 5.
4	4/28/2022	TSC	Are electrical boxes and conduits going to need to be cast into the precast panels? If so, please confirm that the electrical hardware will be furnished by others to the precast plant prior to casting by Others. Also, can we be given an estimated quantity of electrical hardware that will need to be cast in?	4/28/2022	CORES LAB	Yes, these items will be furnished by the Electrical/Low Voltage Contractor to the Bid Category No. 2 Contractor. Please refer to the bid documents to determine quantities and locations.
5	4/28/2022	TSC	Please confirm the steel ledge angels shown, attached to steel embed cast in precast embed plates, are to be furnished and installed by Others. (Ex. details 7, 9, 10 – S610). And the precaster in those similar details is to furnish and cast in the flat embed plates only cast into the precast panel backs?	4/28/2022	Geiger & Peters	All connection steel shapes, attached to precast embed plates, required for the proper support of the structural steel system shall be provided by Bid Category No. 4 Contractor..
6	4/28/2022	L+B	Please reference specification 034100, page 7, Item 2.13, B. Can you confirm the size of all thin brick to be cast into the precast panels for the project is to be modular size, 2-1/4" x 7-5/8"?	4/28/2022	CORES LAB	See revised specification issued in Addendum No. 2.
7	5/13/2022	L+B	07 53 23 - The EPDM spec states the system is ballasted but also indicates the insulation is to be mechanically fastened. I assume this is a mistake and the insulation is to be loose laid. (fastening would defeat the cost advantage of ballast)	5/3/2022	Foster Contracting	Ballasted roof scope is limited to the Natatorium seating expansion (Unit K).

8	5/13/2022	L+B	07 53 23 - The EPDM spec lists Manville and Firestone as approved membrane manufacturers. I would assume Firestone and Manville would also be acceptable for the PVC membrane? I would think the school would prefer one manufacturer warranty.	5/3/2022	Foster Contracting	Yes - These manf. are acceptable. Manufacturers products must meet or exceed product performance and warranty listed in the specifications.
9	5/13/2022	L+B	07 54 19 - The PVC spec lists water based adhesive. Is solvent based adhesive also acceptable?	5/3/2022	Foster Contracting	Acceptable adhesives are per the manufacturer installation instructions/requirements.
10	5/13/2022	L+B	07 54 19 - The PVC spec lists light gray as the specified color for the membrane. This may / will significantly lengthen the lead time. I would advise proceeding with white membrane.	5/3/2022	Foster Contracting	Manufacturers standard white or grey is acceptable.
11	5/13/2022	L+B	Drawing A003 - Is R1c the only roof system that is the ballasted EPDM? I cannot tell which membrane goes where	5/3/2022	Foster Contracting	R1c is the only roof system that is ballasted. Roof types are labeled throughout the documents.
12	5/13/2022	TSC	What is the material for the wall rail (Note #46) and segmented handrail (note #49 and #59) on A112L? Are we responsible for these? Reason I ask is because we are not responsible for the Decorative Rail which is commonly aluminum or stainless. This would lead me to believe that the rails in question would be aluminum or stainless to match the deco rail and the deco rail vendor would be responsible for these.	5/10/2022	Almet, Inc.	Items mentioned here should be considered by the decorative metal contractor.
13	5/13/2022	L+B/TSC	Who is responsible for stair nosings? I see where they are supposed to go, but its not listed as to who is responsible for them.	5/10/2022	Almet, Inc.	AT THIS TIME WE DO NOT ANTICIPATE CAST IN NOSINGS.
14	5/13/2022	L+B	Where is detail 4/A517 cut? Its showing "Front of House" but I do not see where its cut. Also, it shows chain-link fencing along the "catwalk except as noted". This is the only detail that shows where it is noted. Is fencing needed all around the catwalk? Who is responsible for it? If we are, what is the spec for it? It's not listed anywhere.	5/10/2022	Almet, Inc.	See revised sheet A112L for sections.
15	5/13/2022	L+B	What is the spec or basis of design for the "Perforated Metal Riser"? Only thing listed is that I am to provide 14 GA if not stated elsewhere	5/10/2022	Almet, Inc.	Stairs in this project DO NOT have "Perforated Metal Risers"
16	5/13/2022	L+B	Would 8' precast panels be acceptable? We can improve our delivery date with 8' panels.	5/10/2022	FABCON	Design team does not recommend switching to an 8' panel as this will force redesign of exterior, interior structural, and MEP elements.
17	5/13/2022	TSC	Elevator Questions - Who is responsible for the elevator accessories 1. Elevator sill angles 2. Elevator sump pit grating We do plan on including the elevator hoist beam. This is common. The reason why we ask is that I see from the drawings that the elevator pit ladder is being supplied by the elevator MFG. (5/A402) Otherwise, we would add these with our bid.	5/10/2022	Almet, Inc.	1. Support angles for elevator sills by Elevator Subcontractor. 2. Elevator sump pit cover/grate by Bid Category No. 4 Contractor. 3. Hoist beams by Bid Category No. 4 Contractor. 4. Elevator pit ladders by Elevator Subcontractor.

18	5/13/2022	L+B/TSC	Is the Box Boom guardrail at detail 1 & 2/A517 the guardrail noted #61 on A112L? There are 6 total of different lengths. If its not Note #61, am I responsible for detail 1 & 2/A517 If so, how is it attached to the structure?	5/12/2022	Almet, Inc.	Bid Category No. 4 Contractor shall provide Box Boom and guard rail pipe assemblies. See revised plan notes on A112L in Addendum No. 5. Please refer to A303 for axon views of the areas in question.
19	5/16/2022	TSC	Who is building and maintaining the roadways for crane and truck access?	5/12/2022	High Concrete	Bid Category No. 1 General Trades
20	5/16/2022	TSC	Who is responsible for cleaning the footings from the mud and debris tracked by other trades prior to panel erection?	5/12/2022	High Concrete	Bid Category No. 1 General Trades
21	5/16/2022	TSC	Will there be any underground utilities our trucks/cranes should be aware of? The site changes drastically during construction and our team cannot be responsible for that.	5/12/2022	High Concrete	Refer to the Site Utilities drawing C400 within the Civil documents; contractor is to assume that the new structures will be in place and that road plates will be required to protect same. Bid Category No. 2 Contractor shall protect these utility structures as required during precast erection work.
22	5/16/2022	TSC	How long do we anticipate the braces being left on for until the steel is erected? 1 month additional is included, but sometimes it carries into the 2nd month	5/12/2022	High Concrete	Include two (2) months of bracing.
23	5/16/2022	TSC	Will there be requirements for flagmen and/or barricades, road closures	5/12/2022	High Concrete	Flagmen and barricades, as required to safely erect your work, are to be included. We do not anticipate requiring any road closures.
24	5/16/2022	L+B	Spec Section 34100 - 2.8A and 2.8B Insulated Flat Wall Panel Accessories indicates ship-lap edges and glass-fiber vinylester connectors for insulation and wythe connectors, which would indicate a Thermomass System. Will other systems be allowed if they meet the required structural design? Square edges and carbon-fiber wythe connectors have been used in similar school projects with equal to or better than designed capacities.	5/12/2022	High Concrete	We do not require 'ship lap' edges. It is not necessary and will not affect to any great degree the thermal performance of the panels. Butt edges for foam board will be allowed. The connectors are HK, non-metal and non-conductive and should be allowed; other non-conductive connectors like c-grid should also be acceptable.