



catawba county

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ADDENDUM NO. 6

Issue Date: March 22, 2024

Addition and Renovation for: Catawba County Garage

Invitation for Bid No. 24-1019

To: All Potential Bidders

The Invitation for Bids (IFB) is modified as set forth in this Addendum No. 6. The original IFB documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the IFB. Bidders shall take this Addendum into consideration when preparing and submitting Bids for this project. Catawba County is issuing this Addendum No. 6 to provide further clarifications.

Questions:

1. **Question:** When it comes to attaching the (1) metal stud at midspan to the met z and C channels how should we figure attaching these? Will we be required to weld and angle on the girt or can we simply screw the light gauge framing.

Answer: See Wall sections on sheet S2.1 and S2.2.

2. **Question:** There has been mention in previous addenda about installing insulation in-between the metal stud wall. As I see it there is not a true metal stud wall there is only a single metal stud at midspan. Can you please clarify there is only a single metal stud at midspan not a full metal stud wall?

Answer: There is no metal stud wall, only metal stud braces as indicated by wall sections on Sheet S2.1 and S2.2. The method of attachment for both girt and metal stud are called out in these wall sections.

3. **Question:** In addendum #5 the architect mentions a stud cavity. Is the architect / structural engineer expecting metal studs 16" oc or 24" oc infilling the girts throughout the entire addition?

Answer: Per wall sections on the Structural Drawings, the only metal studs are used as braces and are shown on Sheets S2.1 and S2.2.

4. **Question:** The architectural drawings state to reference the structural that states only being one vertical stud at the mid-span of girts and third points

in some locations. I assume this is between the columns and going from girt to girt from the floor to the deck. Please provide clarity on this matter.

Answer: The structural takes precedence here. Follow the instructions the Structural drawings for any metal stud requirements.

5. **Question:** Are engineered shop drawings going to be required for the metal stud framing? Or do the structural drawings provided suffice?

Answer: Shop drawings will be required for the material that will be supplied to be used as the metal stud braces.

6. **Question:** On the subject of insulation, the drawings call for energy code required R13, and we understand that R19 would be a step up, which is very common, and would be accomplished with a faced blanket on the outside of the wall girts, secured with the metal siding. However we are instructed to use mineral wool batts anchored in the stud wall cavity. There is no stud wall cavity on this design. The stud (singular) shown is a midspan support to keep the horizontal wall girts from swaggin during construction.

Answer: The insulation shall be R 13 fiberglass batt insulation for the walls with a vinyl faced vapor retardant barrier. Installation shall be vertically from top girt to bottom held tight and fastened at the horizontal girts then squeezed between the exterior wall panel and the girt. Once insulation is complete, an interior metal wall panel shall be installed. The roof insulation is R19 “bag and sag” over the roof purlins and then compressed between the roof purlin and roof panel once roof panel is installed.

7. **Question:** Addendum 1 answer to question 16 states to use R20 5.5” Owens corning Therma fiber fire and sound guard plus mineral wool. This is a special-order product with lead times of up to 120 days from point of order. Is it acceptable to utilize fiberglass un-faced insulation to achieve the R20 value?

Answer: See reply to question 6 regarding R value of insulation.

8. **Question:** Addendum 5 answer to question 1 states there to be installation clips for holding the insulation in place. Please specify the specific clip material / layout to properly support insulation or provide detail for how we are supposed to install the insulation. I have never seen this application before with their only being one vertical stud between columns. Insulation products that we install go in stud cavities 16” wide or 24” wide.

Answer: See reply to question 6 regarding installation of insulation.

END OF ADDENDUM

This Addendum is 2 pages in total.