

PROJECT MANUAL – 100% CONSTRUCTION DOCUMENTS

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City of Laurinburg North Fire Station
 Project No.: 2021-062
 Issue to: Bidders

City of Laurinburg, Owner
 Contract Document Date: January 19, 2022
 Addendum Date: January 28, 2022

A. NOTICE TO BIDDER

- 1.1 This Addendum is issued pursuant to the Conditions of the Contract and is hereby made part of the Contract Documents. The addendum serves to clarify, revise, and supersede information in the Project Manual, the Drawings, and previously issued Addenda. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form. Failure to do so may subject the Bidder to disqualification. A list of attachments, if any, is part of this document.
- 1.2 The date for receipt of bids for this project **is unchanged by this Addendum.**
- 1.3 Pre-Bid Conference: A Pre-Bid Conference was held at City of Laurinburg City Hall on January 28, 2022, at 10:00 am. Any clarifications issued as a result of the meeting are addressed by Addendum; verbal information provided does not alter the content of the bidding documents.

B. MODIFICATIONS TO PREVIOUS ADDENDA (None)

C. APPROVED SUBSTITUTION REQUESTS

- 1.4 See question and answer section for any additional manufacturers.

D. MODIFICATIONS TO PROJECT MANUAL

- 1.5 SECTION 00 01 10 – Table of Contents: Revised per added sections.
- 1.6 SECTION 00 09 01 – Addenda 1 Form

E. MODIFICATIONS TO DRAWINGS (None)

F. ATTACHMENTS

- 1.7 This Addendum includes the attached documents and specification sections:
 - a) Pre-Bid Sign-in Sheet, (new).
- 1.8 This Addendum includes the following attached drawings: **(None)**
- 1.9 This Addendum includes the following Questions and Answers:
 - a) We would like the opportunity to bid Florock Resinous Flooring (Section 096723 Resinous Flooring)?
 A: This is an acceptable manufacturer.
 - b) The collateral is pretty high at 10 PSF and the structural notes do not list deflection limits or if the live load can be reduced. Should we continue with a 10 lb Collateral load? Are there and specific deflections required for this project? Can the live load be reduced per codes?
 A: Continue with 10 lb collateral load. Component deflections shall be limited to those in the North Carolina Building code Chapter 16 table 1604.3. Live load may be reduced per the 2018 North Carolina Building code.
 - c) The drawings show 9.5" girts at 4' o.c. Can 8" or 10" girts be use for this project?
 A: It is acceptable to use 8" or 10" girts as long as it meets all requirements of the North Carolina Building Code.

- d) What do you want to do for the roof extension trims? The drawings are not dimensioned, and we have assumed a 1'-0" projection unless you tell me different. However, how should we flash this overhang. Do we have to use 1'-0 soffit panels, or should we try and use special trims?
 A: The projection is 1'-0" and a soffit panel is acceptable.
- e) Please confirm IAS certification is acceptable in lieu of AISC certification for metal building manufacturers?
 A: IAS certification is not acceptable in lieu of AISC certification.
- f) Please confirm 3rd party inspections are acceptable in lieu of AISC certification for local structural steel fabricators and metal building/structural steel erectors?
 A: A 3rd party inspection service is acceptable in lieu of AISC certification for local structural steel fabricators and metal building/structural steel erectors as long as licensed special inspectors ensures QA/QC of structural steel per Chapter N of AISC. This 3rd party inspection would be at the cost of the general contractor.
- g) On sheet S0.01; Shop Drawings; 7F: please confirm that the term "delegated design" with regard to pre-engineered metal buildings does mean the manufacturer's design engineer?
 A: Term "delegated design" for this would indicated metal building and connections to have signed and sealed drawings and calculations by a professional engineer in the State of North Carolina that meets the criteria shown on structural drawings. These drawings and calculations will be reviewed by building SEOR.
- h) S0.01; Pre-Engineered Metal Building; 1: maximum building drift of H/300 – can this be reduced to H/100 provided that the masonry divider wall is provided with a hinge connection at the base?
 A: Building drift may be decreased to H/240.
- i) There are insulated sandwich panels shown in details 7,8,9,10/A7.01 & 1,2,6/A7.12; please confirm that these are shown in error and the wall panels are standard metal panels with blanket insulation?
 A: The metal wall panels can be a standard metal panel with blanket insulation but is required to have an interior gypsum wall board finish to be painted.
- j) Please confirm the extent of the 2" insulation under the slab (shown in wall sections on A6.02)?
 A: the use of underslab insulation is to meet the requirements of the 2018 North Carolina Building Energy Code. 2'-0" is what is typically use in this area.
- k) Does the galvanized steel at the entry get painted after galvanizing? If so, could it get the two coats of epoxy in lieu of the galvanizing as described in the structural notes?
 A: No, the galvanized steel shall be touched up with galvanized material then painted with a minimum of 2 coats with high performance paint.

- l) The foundation plan note 5/s1.01 points to rod bracing in two areas, but is defined as a portal frame. Please confirm rod bracing along grid D1 between grids 2 & 3 and also along grid D between grids 2a & 3a?
A: There shall be rod bracing along grid D1 between grids 2 & 3 and also along grid D between grids 2a & 3a.
- m) Can we use wind posts for bracing in lieu of portal frames?
A: "Wind Post" may be used in lieu of portal frames as long as drift limit is achieved, and openings shown on architectural are not obstructed. Foundation sizes may increase based on load path changes.
- n) Please confirm that the girt depths and spacings can be determined by the pre-engineered metal building manufacturer's standards and design engineer rather than the architectural wall sections?
A: The sizes and spacing shall be determined by the pre-engineered metal building manufacturer but shall allow for a gypsum wall board for finishes on the interior if not using the additional framing for the wall.
- o) There is a Conex trailer shown on C-05. Who is to supply the trailer? If the general contractor is to supply, please provide more information?
A: This is to be relocated from the existing fire station and will be moved by the owner.
- p) The sink walls in toilets 110 & 11 appear to be graphically shown as 6" walls. Please confirm whether they are 6" or 4" or something else?
A: It is a "1S0A" wall type which shall be a 6" metal stud wall, not a 2 5/8" metal stud.
- q) In reference to the Fire Apparatus Schedule shown on sheet A10.01, please advise who supplies and installs items #1 thru 8. Please also provide manufacturer and model information?
A: These are owner finished equipment and contractor installed.
- r) Please verify the concrete thickness for the Heat Pump Pad and the concrete patio outside 108?
A: The pads shall be a minimum of 4" concrete over 4" of packed stone base.
- s) Please confirm that there is NO bullet-proof sheetrock required on this project (seen only in specification 09 29 00; page 3; 2.4)?
A: There is none on this project.
- t) Please confirm overhead door thickness; 2" or 3"?
A: Provide a 3" thick door.
- u) Please confirm HAAS Doors Model CA320I is an acceptable substitute?
A: HAAS Doors is an acceptable manufacturer.

- v) 13 34 19; page 3; submitting PEMB manufacturer certification prior to bid date: manufacturer will not provide project specific letter until after the project is ordered. Please confirm this letter can come after award of contract.
A: Letter is not required.
- w) 13 34 19; page 6; please confirm that there is no rigid board insulation on this project?
A: Blanket insulation is preferred to be used for insulation.
- x) 13 34 19; page 7; please confirm that there are no interior liner panels on this project?
A: There needs to be an interior gypsum wall board finish.
- y) 13 34 19; page 9; please confirm which insulation facing is to be provided, C, D, or E.?
A: Provide insulation covered under section "E" – white polypropylene film laminated.
- z) The floor plan appears to show bypass girts, but the wall details show the columns tapering behind the girt lines. Are we to use bypass girt or Flush girts for this project?
A: Use flush girts.
- aa) The substitution request is for spec 096723- Resinous flooring – is Plexi-Chemie an approved manufacturer?
A: Plexi-chemie is an approved manufacturer but must meet the criteria stated in the specifications.
- bb) The description for Alternate 1 Apparatus Bays in the Specs states that all associated trade work is to be included in the Alternate. The Foundation Plan and detail 1/S2.02 make me think that the foundations are part of the base bid. Please clarify?
A: The base bid shall be for a 3-bay apparatus fire station. The alternate is to extend that for an additional 2 bays. The concrete work, foundations would be for the size of each conditioned space being built only.
- cc) Notes on A2.02 say to use existing back-up generator. Site Lay-out Plan C-03 call for concrete paving at the Generator. Are we to include a new Generator Pad? If so, what detail should we use - Concrete Pavement 2/D-01, 6/S2.02 or 10/E6.03? They are all different. Also we will need the dimensions for the slab?
A: A pad is required and use detail 6/S2.02. the size of the pad shall be 5'-0" wide by 10'-0" long.
- dd) Looking at sheet E2.01 in the training room #107 there are 11 - FB4 which I believe are floor boxes, there does not seem to be any information as to the type of floor box to use?
A: Provide a box equal to Wiremold RFB4-CI-FPCT/FPFFT, providing 2 NEMA 5-20R duplex receptacles and two Comm plates with provisions for four RJ45 CAT6 Jacks.
- ee) Are there any additional topographic elevations that can be provided?
A: The site is relatively flat across the area. The information on the drawings is all that has been provided.

ff) Who will be responsible for the cost of the testing on site?

A: The owner is responsible for the items needed to be cover in the special inspections and the material testing, for example, proof rolling test. All other items are covered by the contractor.

gg) What erosion control is required for Unit Pricing #3?

A: A sediment fence shall be installed and seeding the area once soil has been removed. All areas shall fall under 1 acre of area being disturbed.

hh) On Sheet C-05, are we to assume that all pipes – 2", 4" and 6" stop as shown?

A: Yes, this is to be the locations shown.

ii) Is preparing the site per the geotechnical report without undercutting an additional cost to the site preparation?

A: There should be a \$5,000 allowance included to the sitework for any pumping of the site.

jj) What is the overhang on the roof?

A: The overhang is 12" on all overhangs

kk) What is the retainage for the project?

A: The retainage will be 10% through the entire length of the project.

END OF ADDENDUM 1

City of Laurinburg - North Fire Department

Prebid Sign-in Sheet

Meeting Date: January 27, 2022

Meeting Time: 10:00 AM

Meeting Place: Laurinburg City Hall

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