

DATE: August 16, 2024

PROJECT NAME: Sampson County Salt Storage Facility
CLIENT NAME: North Carolina Department of Transportation
SITE ADDRESS: 220 North Blvd, Clinton, NC 28328
State ID No. 23-26696-01A
MHAworks Project No. 23099

ADDENDUM NO. 2 To the Bidding Documents for the above-named Project.

ADDENDUM NO. 1 WAS PREVIOUSLY ISSUED ON AUGUST 6, 2024.

The Bidding Documents are modified, supplemented or augmented as follows and this Addendum is hereby made a part of the proposed Contract Documents.

The following Specifications, Drawings and attachments are dated August 16, 2024, and issued with this Addendum.

Specification Sections 005100 – ADDITIONAL CONTRACTING FORMS AND SUPPLEMENTS and 014216 - DEFINITIONS.

No Drawings are issued with this addendum.

Attachments Attachment A – Minutes of Pre-Bid Meeting dated August 16, 2024, and Attachment B – Section 005100 attachments.

ITEM NO. ARCHITECTURAL SPECIFICATION CHANGES

AS-1 Refer to Section 005100 – ADDITIONAL CONTRACTING FORMS AND SUPPLEMENTS (reissued):

- A. Refer to Article 1.01 Agreement and Conditions of the Contract. Revised Paragraph A to agree with specification sections issued.
- B. Refer to Article 1.02 Forms. Replaced term "University" with term "Owner".
- C. Refer to Article 1.03 Reference Standards. Added Paragraph F, to read:
"F. CSI Substitution Request; 1996."

All forms listed in this section are attached to this Addendum.

- AS-2 Refer to Section 014216 - DEFINITIONS (reissued):
- A. Refer to Article 1.02 Definitions. At Paragraph D, inserted new paragraph with clarification of Metal Building System synonymous terms and revised paragraph numbering for remainder of article.
- AS-3 Refer to Section 099113 - EXTERIOR PAINTING (not reissued):
- A. Refer to Article 2.03 Paint Systems – Exterior. Revised subparagraph B.1.b to read:
 - “b. Designer (Architect) shall select one (1) color from manufacturer’s full line of standard colors.”
 - B. Refer to Article 3.07 Color Schedule. Deleted article.
- AS-4 Refer to Section 133419 - METAL BUILDING SYSTEMS (not reissued):
- A. Refer to Article 1.02 Reference Standards. Added new paragraph C, to read:

“ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings in Iron and Steel Products, 2017.”
 - B. Refer to Article 1.06 Warranty. Paragraph A remains unchanged. Revised Paragraphs B, C and D and added Paragraph E, to read:
 - “B. Provide a comprehensive roof warranty consisting of the following parts:
 - 1. Manufacturer’s Warranty:
 - a. Inspect the installation prior to submitting warranty.
 - b. Warranty against Leakage: Provide a non-pro-rated, no dollar limit warranty on the materials and workmanship of the metal building system against leakage for a minimum period of twenty (20) years following the Date of Substantial Completion.
 - c. Component Warranty: Warrant all the metal building components against failure, including, but not limited to, wall and roof components including prefinished metal copings, parapets, trims, roof edges, fascias, soffits, gutters and downspouts.
 - c. Finish Warranty: Warrant all prefinished surfaces against checking, chipping, cracking or crazing, blistering, peeling, chalking, or fading for a minimum period of twenty-five (25) years following the Date of Substantial Completion.

2. Contractor's Warranty:
 - a. Warrant the materials and workmanship of the metal building system against leakage and against defects due to faulty materials, workmanship and contractor negligence for a period of five (5) years following the Date of Substantial Completion.
- C. Monetary Limits and Consequential Damages: The minimum monetary limit on expenditures required to repair the metal building system shall be the Owner's original cost of materials and installation. and the limit may be prorated over the warranty period.
- D. Exclusions: Permissible exclusions in the warranty are:
 1. Natural Disasters: Lightning, fire, tornadoes, earthquakes, hail, falling objects and high wind speed.
 2. Negligence and Abuse: Misuse by anyone other than the Contractor, vandalism, riots and war.
 3. Structural Failure: Abnormal movement, settlement or displacement of the building structural system not provided for by an expansion joint. This does not include localized thermal movement of wall panels, metal flashings, gravel stops, insulation, fasteners and other components of the roofing system itself.
 4. Secondary Moisture: Moisture that enters the metal building system from locations other than through the roof system, including moisture vapor from within the building.
 5. Substance and Chemical Contaminants: Those other than the coastal environment where the building is sited that are considered by the Manufacturer as damaging to the metal building system that were specifically listed in written form and presented to the Designer and Owner prior to installation.
 6. Change in Building usage or environment that would significantly and adversely affect metal building system.
 7. Alterations, Additions or Repairs: Made upon, through or to the metal building system without prior written notification and approval of the Installer/Manufacturer.
- E. Null and Void Provision: From the effective date of the warranty, no condition is permitted to void the warranty in its entirety. An event or condition may be excluded from the warranty as described above for that particular occurrence or condition but cannot be applied to the warranty in its entirety or affect the warranty period."

C. Refer to Article 2.08 Fabrication - Wall and Roof Panels, Paragraph B. Revised paragraph to read:

“B. Roofing: Manufacturer’s standard prefinished flat or trapezoidal panel, 24-gauge minimum thickness and nominal 1 ½” depth, with mechanically seamed joints. standing seam. Nominal ribbed profile, panels, .”

D. Refer to Article 2.10 Finishes, Paragraph A. Revised paragraph to read:

“Framing Members: Clean, prepare, and galvanize to ASTM A123/A123M for field painting by others.”

ITEM NO.

STRUCTURAL SPECIFICATION CHANGES

SS-1

Refer to Drawing S1 (not reissued):

A. Refer to Article 2.3 Fabricating Reinforcement. Added paragraph B, to read:

“Coat fabricated steel reinforcement with epoxy in accordance with ASTM A775.”

ITEM NO.

CIVIL DRAWING CHANGES

CD-1

Refer to Drawing C3.0 (not reissued):

A. Refer to Grading Notes.

1. At Grading Note numbered 10 that follows Grading Note 14, revised numbering to 15.

2. Added Grading Note 16, to read:

“PROVIDE BACKFILL MATERIAL CONSISTING OF A MIXTURE OF BROKEN ASPHALT AND GRAVEL OR PROVIDE ABC STONE AT CONTRACTOR’S OPTION.”

*** END OF ADDENDUM NO. 2 ***

**SECTION 014216
DEFINITIONS**

PART 1 GENERAL

1.01 SUMMARY

- A. This section supplements the definitions contained in the General Conditions.
- B. Other definitions are included in individual specification sections.

1.02 DEFINITIONS

- A. Capital Project Coordinator (CPC): Representative of the Owner authorized by the Owner to coordinate this project and related matters with the SCO.
- B. DOT or NCDOT: North Carolina Department of Transportation.
- C. Furnish: To supply, deliver, unload, and inspect for damage.
- D. Install: To unpack, assemble, erect, apply, place, finish, cure, protect, clean, start up, and make ready for use.
- E. Metal Building System: This term shall be synonymous with the terms Prefabricated Metal Building or PEMB, and Prefabricated Metal Building System.
- F. Product: Material, machinery, components, equipment, fixtures, and systems forming the work result. Not materials or equipment used for preparation, fabrication, conveying, or erection and not incorporated into the work result. Products may include new, never before used, or re-used materials or equipment.
- G. Project Manual: The book-sized volume that includes the procurement requirements (if any), the contracting requirements, and the specifications.
- H. Provide: See General Conditions, Article 1, Paragraph u.
- I. SCO: North Carolina State Construction Office, who has oversight of construction and renovation of capital improvement projects for State buildings, with some exemptions.
- J. Supply: Same as Furnish.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION 014216

**SECTION 005100
ADDITIONAL CONTRACTING FORMS AND SUPPLEMENTS**

PART 1 GENERAL

1.01 AGREEMENT AND CONDITIONS OF THE CONTRACT

- A. See Section 005001 - for the Form of Construction Contract to be executed, the General Conditions and the Supplementary Conditions.

1.02 FORMS

- A. The completed Bid Form, once executed by the University, with its attachments will become the Agreement, and form the basis of the Contract Documents.

1.03 REFERENCE STANDARDS

- A. Sample copies of the forms listed below are attached to this section.
- B. AIA G716 - Request for Information; 2004.
- C. AIA G702 - Application and Certificate for Payment; 1992.
- D. AIA G703 - Continuation Sheet; 1992.
- E. AIA G810 - Transmittal Letter; 2001.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION 005100



AUGUST 16, 2024

Sampson County Salt Storage Facility

Pre-Bid Meeting Minutes

The Pre-Bid Meeting Agenda has been modified, supplemented or augmented and form the following Pre-Bid Meeting Minutes.

1. **Sign-In:** Please sign in on the sheet being circulated.
2. **Bid Date:** Thursday, September 5th, 2024, by 3:00 pm
3. **Bid Opening Location:** At NCDOT Maintenance Office in Meeting Room, 220 North Blvd, Clinton, North Carolina 28328.
4. **Bid and Contract Type:** **Single Prime.**
5. **Items Required** to be included with bids:
 - a. Properly completed and executed bid form.
 - b. Properly completed MBE Forms must be included with Bid. If requested, the architect will furnish an example of properly completed MBE forms as a reference.
 - c. Bid Bond or acceptable bid security (certified check in the amount of 5% of bid).
6. **Public Bid Opening:** Bids will be opened and read aloud immediately following the 3:00 p.m. deadline.
 - a. Bids will be as indicated in Section 000109 – Advertisement for Bid and Section 000109 – Notice to Bidders.
 - b. The bid tabulation will be broadcasted as soon as possible upon evaluation of the bids.
 - c. Bidders will have 72 hours in which to withdraw their bid.
 - d. A contractor will be selected as soon as possible.
7. **Schedule:**
 - a. Construction duration is 222 calendar days. The successful bidder shall, after execution of the Contract Documents, submit a preliminary Construction Schedule, with Completion Date, to the Owner and Designer for approval. The approved Completion Date will become the end date of the Contract Time.

8. RFI's & Substitution Requests:

- a. Requests must be submitted in writing to MHAworks by email at jmiliacca@mhaworks.com. Submit RFIs on form provided with Addendum No. 2.
- b. Submit all requests for acceptance of equal manufacturers to MHAworks prior to bidding. Provide all necessary information needed for the architect to accept the manufacturer as an equal. All incomplete submittals will be rejected.
- c. RFI's and substitution requests will only be accepted from bidding General Contractors. RFI and substitution format will be clarified in Addendum No. 2.

9. Addenda: Addendum No.1 was issued on August 9th, 2024.

- a. Deadline for RFI's, substitution requests, or clarifications shall be:

Tuesday, August 27th, 2024, by 5:00 pm

- b. Final addendum will be issued on or before:

Thursday, August 29th, 2024, by 5:00 pm

10. Drawings & Specifications: Complete plans and specifications for this project can be obtained in PDF format free of charge from MHAworks, P.A., 800 Taylor Street, Suite 9A-154, Durham, North Carolina 27701, (919) 682-2870, during normal office hours after July 29, 2024. Please email requests for plans and specifications for this project to Julianne Vance, jvance@mhaworks.com. Hard copies will not be issued.

11. Temporary Facilities: The contractor is responsible for providing and maintaining all temporary facilities for on-site employees of General Contractor. Further details are included in Specification Section 015000 – Temporary Facilities and Controls.

- a. Contractor shall be responsible for providing a Site Superintendent with a phone/computer capable of sending and receiving email such that RFI's, clarifications, and questions can be addressed in the field.

12. Existing Utilities: Details regarding temporary utilities is provided in Specification Section 015000 – Temporary Facilities and Controls. For those existing utilities provided by the Owner, the Contractor shall coordinate with Owner to connect and use each service without interruption to the Owner's service.

13. Site Visits: Open site visit for Contractors is the Pre-Bid Meeting, and is scheduled for Thursday, August 15th, 2024, at 2:00pm.

- a. Any additional site visits shall be requested through MHAworks and coordinated with the Owner.

14. Permitting: The State Construction Office is the Authority Having Jurisdiction; therefore, a local building permit is not required.

- a. NC DEQ Erosion Control and Stormwater Permits are not required.

15. **Alternates:** No alternates currently included.

16. **Contractor Questions and Responses:**

1. Question: What time are bids due?

Response: The Bid Date and Time is as indicated in Section 000109 – Advertisement for Bid and Section 000109 – Notice to Bidders.

2. Question: Where are bids being received?

Response: Bid proposals will be received at the NCDOT Maintenance office at the address listed in Section 000109 – Advertisements for Bid and Section 000109 – Notice to Bidders.

3. Question: Is the finish for the panels going to be a standard paint or galvanized? Standard acrylic is called for in specs.

Response: Refer to Addendum No. 2.

4. Are the roof panels standing seam or screwed down type? Specs called for standing seam rib panel type.

Response: Refer to Addendum No. 2.

5. Question: Galvanized the steel of structure?

Response: Refer to Addendum No. 2.

6. Question: Request access to the electrical panel in existing building.

Response: All bidders present at the Pre-Bid Meeting were escorted to Building No. 9 and given access to the electrical panel location.

7. Question: Can contractor work before, during before or after DOT work hours?

Response: The Owner will make all reasonable efforts to provide access to the work area during the construction period to assist the Contractor in completing the work.

8. Question: Crushed asphalt in gravel.

Response: Refer to Addendum No. 2.

9. Question: What is the extent of asphalt removal around the proposed building?

Response: Refer to Drawing C2.0.

10. Question: How do we leave the perimeter of demolition of the asphalt, leave it up to the salt line, elevation changes in the back side about foot or a little more. How do they go up to what's existing and finish that out?

Response: The area of paving demolition shown on Drawing C2.0 is greater than the size of the building pad. Grade up to the building line on all sides.

11. Question: Is a bid bond required for the Sampson salt shelter?

Response: Bid security is required. Refer to Specification Section 000199, Page 2, last paragraph. Provide a bid bond, executed with the Form of Bond provided in Specification Section 000500 – Form of Bid Bond.

Application and Certificate for Payment

TO OWNER: PROJECT: _____

FROM CONTRACTOR: VIA ARCHITECT: _____

APPLICATION NO: _____

PERIOD TO: _____

CONTRACT FOR: _____

CONTRACT DATE: _____

PROJECT NOS: _____

Distribution to:

OWNER

ARCHITECT

CONTRACTOR

FIELD

OTHER

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. AIA Document G703®, Continuation Sheet, is attached.

1. ORIGINAL CONTRACT SUM \$ _____
2. NET CHANGE BY CHANGE ORDERS \$ _____
3. CONTRACT SUM TO DATE (Line 1 + 2) \$ _____
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ _____

5. RETAINAGE:
 - a. _____ % of Completed Work
(Columns D + E on G703) \$ _____
 - b. _____ % of Stored Material
(Column F on G703) \$ _____

Total Retainage (Lines 5a + 5b, or Total in Column I of G703) \$ _____

6. TOTAL EARNED LESS RETAINAGE \$ _____
(Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT \$ _____
(Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE \$ _____
9. BALANCE TO FINISH, INCLUDING RETAINAGE
(Line 3 minus Line 6) \$ _____

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$ _____	\$ _____
Total approved this month	\$ _____	\$ _____
TOTAL	\$ _____	\$ _____
NET CHANGES by Change Order	\$ _____	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: _____ Date: _____

By: _____

State of: _____

County of: _____

Subscribed and sworn to before me this _____ day of _____

Notary Public: _____

My commission expires: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ _____
(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT: _____ Date: _____

By: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

AIA[®] Document G716[™] – 2004

Request for Information (RFI)

TO: _____ FROM: _____

PROJECT: _____

ISSUE DATE: _____

RFI No.: _____

REQUESTED REPLY DATE: _____

PROJECT NUMBERS: _____

COPIES TO: _____

RFI DESCRIPTION: *(Fully describe the question or type of information requested.)*

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*

SPECIFICATIONS

DRAWINGS

OTHER

SENDER'S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

RECEIVER'S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

By: _____ Date: _____ Copies to: _____

NOTE: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.



AIA Document G810™ – 2001

Transmittal Letter

PROJECT: *(Name and address)*

TO: *(Name and address)*

FROM: *(Name and address)*

- WE TRANSMIT: Attached Under separate cover
- VIA: Overnight delivery Mail E-mail
- Courier Fax Other
- FOR: Approval/Action Information Use as requested
- Comment Distribution Other
- THE FOLLOWING: Drawings Specifications Digital Files
- Submittals Other

NO. OF COPIES	DATE	FORMAT	DESCRIPTION

REMARKS:

BY:

COPIES TO:

State Construction Office

Field Order # _____

Project: _____ Location: _____ Project ID: _____

Description of Change: _____

Justification of Change: _____

CONTRACTOR:

A total cost change not to exceed a lump sum cost is \$ _____ or a unit cost of _____ extended using estimated quantities to not exceed is \$ _____. The contractor will need a maximum number of _____ days time extension to the contract. The actual cost, not to exceed stated cost, shall be based on a realistic estimate based on current acceptable market values submitted with change order for approval by designer, owner, and State Construction Office.

DESIGNER:

The quoted price and need for the change are in the best interests of the owner to have the work accomplished. A formal change order will be prepared for contractor's signature within seven (7) days.

OWNING AGENCY:

The owning agency agrees to the change as being in the owner's best interest. Adequate funds are available to pay the cost for the change.

STATE CONSTRUCTION OFFICE:

The State Construction Office approves the request for the change.

SIGNATURES:

Contractor: _____

Date: _____

Designer: _____

Date: _____

Owning Agency: _____

Date: _____

State Construction Office: _____

Date: _____

SUBSTITUTION REQUEST

(During The Bidding Phase)

Project: _____

To: _____

Re: _____

Substitution Request Nbr: _____
From: _____
Date: _____
A/E Project Number _____
Contract For: _____

Specification Title: _____
Section: _____ Page: _____

Description: _____
Article/Paragraph: _____

Proposed Substitution: _____
Manufacturer: _____ Address: _____ Phone: _____
Trade Name: _____ Model No: _____

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted By: _____
Signed By: _____
Firm: _____
Address: _____ Telephone: _____

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01330.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed By: _____ Date: _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports