

**Addendum
No. 2**

Addendum Date: August 10, 2026
Project: Cooling Tower Replacement at TMC
DFM Project No: MC5508000005

The work herein shall be considered part of the bid documents for the referenced project and carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Acknowledge receipt of addendum on the bid form as indicated.

Changes to Specifications:

1. Specification 00 41 13 – Bid Form
 - a. Added line item for Alternate No. 1.
 - b. Contractor is to identify alternate price as either add or deduct.
2. Specification 01 23 00 – Alternates
 - a. New specification added.
3. Specification 13 34 23 – Fabricated Structures
 - a. New specification added.

Changes to Drawings:

4. Drawing M-101 – Mechanical Plans
 - a. Added demolition and replacement of chemical treatment shed.
 - b. Added removal / reinstallation of chemical treatment equipment and electric unit heater.
 - c. Added removal / reinstallation of heat trace as required to facilitate shed replacement.
 - d. Added replacement of all chemical treatment piping exposed to interior of storage shed, and as required to replace storage shed.
 - e. Added removal / reinstallation of chain link fencing as required to facilitate replacement of storage shed.
 - f. Added removal / reinstallation of BAS wiring and conduit as required to facilitate replacement of storage shed and retain all existing BAS inputs and outputs.
5. Drawing E-000 – Symbols, Abbreviations, Notes and Details
 - a. Added a light fixture schedule.
 - b. Added light fixtures and light switches to the graphic conventions.

6. Drawing E-101 – Electrical Plans
 - a. Added the following under alternate #1:
 - i. Demo of shed and all electrical fixtures within. Panel, unit heater, and heat trace to be retained for reinstallation.
 - ii. New shed. Reinstall panel in shed. New receptacles, lights, switch, wire, and conduit. Reinstall and reconnect unit heater and heat trace.
 - b. Added demo and new keynotes.
 - c. Added a panel schedule for PNL-QO.

Attachments:

1. Specification 00 41 13 – Bid Form
2. Specification 01 23 00 – Alternates
3. Specification 13 34 23 – Fabricated Structures
4. Drawing M-101 – Mechanical Plans
5. Drawing E-000 – Symbols, Abbreviations, Notes and Details
6. Drawing E-101 – Electrical Plans

END

COOLING TOWER REPLACEMENT
TRANSPORTATION MANAGEMENT CENTER
169 BRICK STORE LANDING ROAD, SMYRNA, DE 19977
CONTRACT # MC5508000005

\$ _____
(\$ _____)

BID FORM

COOLING TOWER REPLACEMENT
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ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An “ADD” or “DEDUCT” amount is indicated by the crossed-out part that does not apply.

ALTERNATE No. 1: Replace chemical treatment storage shed, and perform associated work as described in the documents.

Add/Deduct: _____
(\$ _____)

UNIT PRICES

There are no unit prices.

ALLOWANCES

Allowances conform to applicable project specification section. Refer to the specifications for a complete description of the following Allowances:

ALLOWANCE No. 1: For general contingencies and repairs, the remaining balance of which is to be returned to owner by credit change order at project conclusion (\$10,000).

BID FORM

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I/We acknowledge Addendums numbered _____ and the price(s) submitted include any cost/schedule impact they may have.

This bid shall remain valid and cannot be withdrawn for thirty (30) days from the date of opening of bids (60 days for School Districts and Department of Education), and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid.

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within _____ calendar days of the Notice to Proceed.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am / We are an Individual / a Partnership / a Corporation

By _____ Trading as _____
(Individual's / General Partner's / Corporate Name)

(State of Corporation)

Business Address: _____

Witness: _____ By: _____
(SEAL) (Authorized Signature)

(Title)
Date: _____

ATTACHMENTS

Sub-Contractor List
Non-Collusion Statement
Affidavit of Employee Drug Testing Program
Affidavit of Contractor Qualifications
Bid Security
(Others as Required by Project Manuals)

BID FORM

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SUBCONTRACTOR LIST

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b of the Delaware Code, the following subcontractor listing must accompany any bid submittal. The bidder must list **in each category** the full name and address (City & State) of the sub-contractor that the bidder will be using to perform the work and provide material for that subcontractor category. Should the bidder's listed subcontractor intend to provide any of their subcontractor category of work through a third-tier contractor, the bidder shall list that third-tier contractor's full name and address (City & State). **If the bidder intends to perform any category of work itself, it must list its full name and address.** For clarification, if the bidder intends to perform the work themselves, the bidder **may not** insert "not applicable", "N/A", "self" or anything other than its own full name and address (City & State). To do so shall cause the bid to be rejected. In addition, the failure to produce a completed subcontractor list with the bid submittal shall cause the bid to be rejected. If you have more than three (3) third-tier contractors to report in any subcontractor category, print out additional page(s) containing the appropriate category, complete the rest of your list of third-tier contractors for that category, notate the addition in parentheses as (CONTINUATION) next to the subcontractor category and an asterisk (*) next to any additional third-tier contractors, and submit it with your bid.

<u>Subcontractor Category</u>	<u>Subcontractor</u>	<u>Address (City & State)</u>	<u>Subcontractors tax-payer ID # or Delaware Business license #</u>
1. HVAC			
A.			
B.			
C.			
2. Electrical			
A.			
B.			
C.			

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SUBCONTRACTOR LIST CONTINUED

<u>Subcontractor Category</u>	<u>Subcontractor</u>	<u>Address (City & State)</u>	<u>Subcontractors tax-payer ID # or Delaware Business license #</u>
3. Water Treatment			
A.			
B.			
C.			

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**AFFIDAVIT
OF
CONTRACTOR QUALIFICATIONS**

We hereby certify that we will abide by the contractor's qualifications outlined in the construction bid specifications for the duration of the contract term.

In accordance with Title 29, Chapter 69, Section 6962(d)(10)b.3 of the Delaware Code, after a contract has been awarded the successful bidder shall not substitute another subcontractor whose name was submitted on the Subcontractor Form except for the reasons in the statute and not without written consent from the awarding agency. Failure to utilize the subcontractors on the list will subject the successful bidder to penalties as outlined in the General Requirements Section 5.2 of the contract.

Contractor Name: _____

Contractor Address: _____

Authorized Representative (typed or printed): _____

Authorized Representative (signature): _____

Title: _____

Sworn to and Subscribed before me this _____ day of _____ 20____.

My Commission expires _____. NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

BID FORM

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NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date to the Office of Management and Budget, Division of Facilities Management.

All the terms and conditions of MC5508000005 have been thoroughly examined and are understood.

NAME OF BIDDER: _____

**AUTHORIZED REPRESENTATIVE
(TYPED):** _____

**AUTHORIZED REPRESENTATIVE
(SIGNATURE):** _____

TITLE: _____

ADDRESS OF BIDDER: _____

E-MAIL: _____

PHONE NUMBER: _____

Sworn to and Subscribed before me this _____ day of _____ 20____.

My Commission expires _____. NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

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**AFFIDAVIT
OF
EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors that complies with this regulation:

Contractor/Subcontractor Name: _____

Contractor/Subcontractor Address: _____

Authorized Representative (typed or printed): _____

Authorized Representative (signature): _____

Title: _____

Sworn to and Subscribed before me this _____ day of _____ 20____.

My Commission expires _____. NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

END OF BID FORM

**SECTION 01 23 00
ALTERNATES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Description of Alternates.
- B. Procedures for pricing Alternates.

1.02 RELATED REQUIREMENTS

- A. Document 00 21 13 - Instructions to Bidders: Instructions for preparation of pricing for Alternates.

1.03 ACCEPTANCE OF ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted Alternates will be identified in the Owner-Contractor Agreement.
- B. Coordinate related work and modify surrounding work to integrate the Work of each Alternate.

1.04 SCHEDULE OF ALTERNATES

- A. Alternate No. 1 - Replace chemical treatment storage shed, and perform associated work as described in the documents.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 13 34 23

FABRICATED STRUCTURES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Prefabricated wood-framed storage buildings.
 - 2. Factory-fabricated structural components.
 - 3. Exterior wall assemblies, roofing, doors, trim, and accessories.
 - 4. Manufacturer-provided delivery and installation.
- B. Provide complete prefabricated wood storage building assemblies including all components necessary for a complete, weather-tight, and code-compliant structure.

1.2 REFERENCES

- A. Comply with applicable requirements of:
 - 1. International Building Code (IBC).
 - 2. National Design Specification for Wood Construction (NDS).
 - 3. American Wood Protection Association (AWPA) standards.
 - 4. Applicable state and local building codes.

1.3 PERFORMANCE REQUIREMENTS

- A. Structural Design:
 - 1. Design building structure for applicable code-required loads.
 - 2. Provide manufacturer-engineered design based on project location.
- B. Minimum Design Loads:
 - 1. Roof Live Load:
 - a. Minimum 20 psf unless otherwise indicated.
 - 2. Floor Live Load:
 - a. Minimum 75 psf for general storage.
 - b. Provide increased capacity where heavier storage loads are anticipated.
 - 3. Wind Load:
 - a. Design for applicable basic wind speed, exposure category, and importance factor.
 - 4. Snow Load:
 - a. Design for applicable ground snow load requirements.

1.5 SUBMITTALS

A. Product Data:

1. Manufacturer product literature.
2. Standard construction details.
3. Material descriptions and finishes.

B. Shop Drawings:

1. Building dimensions and elevations.
2. Floor plans.
3. Framing layouts.
4. Roof framing details.
5. Door and window locations.
6. Foundation and anchorage requirements.

C. Structural Calculations:

1. Provide engineer-sealed structural calculations where required by authorities having jurisdiction.
2. Include:
 - a. Gravity loads.
 - b. Wind loads.
 - c. Snow loads.
 - d. Anchorage calculations.

D. Installation Instructions:

1. Manufacturer installation requirements.
2. Foundation preparation requirements.

1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications:

1. Minimum five years documented experience manufacturing prefabricated wood buildings.
2. Capable of providing engineered designs and installation instructions.

B. Installer Qualifications:

1. Manufacturer-approved installer.
2. Experienced in installation of prefabricated wood storage buildings.

1.7 DELIVERY, STORAGE, AND HANDLING

- ### A. Deliver materials in manufacturer packaging.

- B. Protect components from damage, moisture exposure, distortion, and deterioration.
- C. Store materials off the ground and protected from weather prior to installation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers:
 - 1. Basis of Design: Tuff Shed – Premier Pro Series (12' x 10') with Gable (ranch) style roof 5/12 pitch.
 - 2. Old Hickory Buildings.
 - 3. Derksen Portable Buildings.
 - 4. Approved equal.
- B. Substitutions:
 - 1. Comply with Section 01 60 00 Product Requirements.

2.2 PREFABRICATED BUILDING ASSEMBLY

- A. Provide factory-fabricated wood storage building consisting of:
 - 1. Wood-framed walls.
 - 2. Wood roof framing.
 - 3. Floor framing system.
 - 4. Exterior siding.
 - 5. Roofing system.
 - 6. Doors and hardware.
 - 7. Trim and accessories.
- B. Components shall be factory fabricated for field assembly with minimum field modification.

2.3 WOOD FRAMING

- A. Wall Framing:
 - 1. Minimum 2x4 dimensional lumber.
 - 2. Stud spacing:
 - a. 16 inches on center typical.
- B. Lumber:
 - 1. SPF No. 2 or better.
 - 2. Southern Pine No. 2 or better.
 - 3. Pressure-treated lumber at locations exposed to moisture.
- C. Roof Framing:
 - 1. Factory fabricated rafters or engineered wood trusses.
 - 2. Designed for applicable roof loads.

2.4 FLOOR SYSTEM

A. Steel Floor System:

1. 2x6 hot-dipped galvanized steel w/ 40-year rating
2. Maximum spacing: 24 inches on center.
3. Minimum 3/4-inch tongue-and-groove plywood or OSB decking.
4. Vinyl sheet flooring with 4" vinyl rubber base.

2.5 WALL ASSEMBLY

A. Exterior Siding:

1. Provide one of the following:
 - a. Engineered wood siding.
 - b. Fiber cement siding.
 - c. Vinyl siding.

B. Insulation:

1. 4" batt insulation, R-12 minimum.

C. Wall Sheathing:

1. Minimum 7/16-inch OSB sheathing.

D. Weather Barrier:

1. Building wrap behind exterior siding.

E. Trim:

1. Manufacturer standard exterior trim components.

2.6 ROOF ASSEMBLY

A. Roof Deck:

1. Minimum 7/16-inch OSB sheathing.

B. Underlayment:

1. Synthetic roofing underlayment or asphalt-saturated felt.

C. Insulation:

1. 6" batt insulation, R-18 minimum.

D. Roofing:

1. Standing seam metal roofing.

E. Accessories:

1. Drip edge.
2. Ridge ventilation where applicable.
3. Flashing components.

2.7 DOORS

- A. Provide manufacturer-standard exterior doors.
- B. Minimum requirements:
 - 1. Double doors.
 - 2. Weatherstripping.
 - 3. Lockset hardware.
 - 4. Threshold.

2.8 ACCESSORIES

- A. Provide accessories required for complete installation including:
 - 1. Vents.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify:
 - 1. Site conditions are acceptable.
 - 2. Foundation is complete and properly prepared.
 - 3. Access is available for delivery and installation.
- B. Do not proceed until unsuitable conditions are corrected.

3.2 INSTALLATION

- A. Install building in accordance with:
 - 1. Manufacturer installation instructions.
 - 2. Approved shop drawings.
 - 3. Applicable building codes.
- B. Anchor building securely to foundation. Provide 25" ground anchors where anchored to exterior grade.
- C. Maintain alignment, level, and weather-tight construction.

3.3 FIELD QUALITY CONTROL

- A. Verify:
 - 1. Building is properly anchored.
 - 2. Doors operate correctly.
 - 3. Roof drainage functions properly.
 - 4. Exterior envelope is complete and weather resistant.

3.4 CLEANING

- A. Remove construction debris.
- B. Clean building surfaces prior to acceptance.

3.5 WARRANTY

- A. Provide manufacturer's standard warranty (minimum two years following date of substantial completion) covering:
 - 1. Materials.
 - 2. Workmanship.
 - 3. Roofing and siding systems.

END OF SECTION 13 34 23