

Addendum #2
May 17, 2024

This Addendum modifies, amends, and supplements designated parts of the Contract Documents, Specifications and Drawings for:

11th WMD-CST Unheated Storage Building Project, Waterville, Maine - Project No. 23SC20-315-D, Bid Number #24-042

Directorate of Facilities Engineering

It shall be the responsibility of the Contractor to notify all Subcontractors and Suppliers for various portions of the work of any changes or modifications contained in this Addendum.

Clarification Items:

1. Q: Due to the potential of long lead times impacting the construction of the storage building prior to paving plants closing this year, would extending the project substantial completion date to 30 June 2025 be considered to allow for spring paving and site cleanup?

A: **Substantial Completion is changed to 30 June 25. Final Completion is changed to 15 July 25. Contract expiration is changed to 30 August 25.** Please see attached **REVISED** pages 4 and 15 from Section 01 00 00, Administrative Provisions.
2. Q: Looking at 1-C-301 Stone columns Note #4 layout size and number of stone columns to be determined by the delegated engineer. Who is that? Is it Oakpoint?

A: The delegated designer is a professional engineer hired to design and oversee the installation of the stone columns for ground improvement, and is contracted by the contractor. Oak Point Associates is not the delegated designer for the stone column ground improvements. Also, a construction firm experienced in installing the stone column ground improvements may have on staff, or contract, a professional engineer to design and oversee their stone column ground improvements.
3. Q: Is it the intent for the project to be completely excavated to the bottom of footings for the complete size of building when backfilled with structural fill?

A: The intent is to excavate to 6 inches below the bottom of the footings and re-fill with structural fill as shown on sheet C-301 for the entire building footprint.
4. Q: Re: Addendum 1 item 4 - This clarifies the curing/sealing but does not clarify if the Liquid Penetrating Sealer Flor Treatment specified is applied in addition to this.

A: The design intent is that the slab is to be cured and sealed. If a curing/sealing compound (per 033000-2.5F) is provided, then the liquid penetrating sealer treatment is not required.
5. Q: On C-301 there is talk of stone column improvement area, and note 1 says it shall be designed and sealed by Maine Licensed PE. Would it make sense to carry an allowance for this work to get apple to apples on sitework numbers?

A: No, an allowance is not appropriate. Please provide a fixed price as part of the base bid for required engineering services.

6. Q: The drawings call for "Pre-Finished Aluminum Flashing" but the specifications call for 24 GA Steel Siding. Should the entire siding and roofing systems be 24GA steel, trims included?

A: Please refer to specification section 076200 – Sheet Metal Flashing and Trim. Specifically, see paragraph 2.6 for trim thickness and material. Thickness may differ from the 24 GA metal wall and roof panels, please coordinate with the specification section.

7. Q: In the specifications, 074113.13 – Formed Metal Roof Panels, in the manufacturer's it does not have Atas listed in the panel product section 2.2-B.1, but they are listed in the underlayment section 2.3-A.3. Is Atas an acceptable manufacturer for Formed metal roof panels?

A: If the product or material complies with the "Build America, Buy America Act" then Atas would be an acceptable manufacturer.

8. Q: The rails shown on AE440, they call for 1 1/2" dia. Are they looking for an OD dimension on this? Because a 1 1/2" pipe has a 1.99" OD dimension. A 1 1/4" pipe has a 1 5/8" OD dimension. Please advise?

A: Please provide a 1 1/2" Outside Diameter.

9. Q: Re: Addendum 1 Addition To Scope Of Work - Are we to assume there is conduit inside the building from the IT Room to the exit location that will remain in place and be reused so there are no interior finishes, penetration, etc. to deal with?

A: Yes, for the WMD/CST Building. No for the Waterville Armory.

10. Q: Are we removing the existing wiring (exit location to IT Room) in the Armory and installing all new from WMD/CST Facility Electrical Room to Armory IT Room?

A: Yes. The existing wiring is very old and fragile and would likely not survive a relocation. Hence the new copper and fiber.

11. Q: Re: Building Excavation. The Geotech report lists options for the building foundation support. The drawings (C-301 show both stone column ground remediation and also excavation to 6" below footing replaced with structural fill. Please clarify the intent of the building foundation earthwork.

A: The design includes the use of ground improvements (stone columns) and excavation to 6 inches below the footings, then re-fill with structural fill. The over-excavation in lieu of stone columns mentioned in the Geotech report was not selected for the design.

12. Q: Regarding the footing drain around the building. What is the schedule pipe you are requiring? Can it be sch. 20 or is SDR 35 acceptable?

A: Per specification 334600, Paragraph 2.1 the foundation drainpipe can be a perforated PE soil tight pipe with a smooth interior, meeting AASHTO M252 requirements. Or a PVC perforated sewer pipe can be used meeting ASTM D3034, this would be a SDR 35 pipe.

13. Q: Drawing E101 – The specified Type 1 cable reel, Appleton model #RW400-63-35, ROG-4A, BS751 is not a recognized model number by our vendors, please advise.

A: The product numbers are for basis-of-design only. The cord reel is to meet the design intent, and be a cable reel with vertical life, locking-ratchet type with stop. The connector is to be twist lock, 50A, 4-wire, 125V, with #6 wires with a length of 35’.

See attached sample of another cord reel product that can be used as a basis-of-design.

14. Q: Drawing C301 – Note 3 states that the foundation footings and floor slab shall be supported by stone columns. Section 4.4.1 of the Geotechnical Report indicates that over excavation and replacement can be used as well, but this option is not indicated on this drawing and Note 3 directs us to use stone columns. Can over excavation and replacement be used in lieu of stone columns?

A: Over excavation as mentioned in the Geotech report is not an option for this project. The stone columns for ground improvement are the design.

15. Q: Drawing C301 – Note 4 indicates that stone columns are to be provided by a delegated designer. As this work will not be designed prior to the bid, how should we price this work? Can an allowance be carried for this to keep all bids consistent?

A: No, an allowance is not appropriate. Please provide a fixed price as part of the base bid for required engineering services. *(See question 5 above.)*

16. Q: Addendum #01, Added Scope of Work – No information was provided as to the pathways inside both buildings. Can additional plans, photos, or general description of how the interior work is to be installed be provided? Would it be simpler to provide an allowance for the interior work?

A: Additional information cannot be provided at this time. Please see the “**Addition to Scope of Work**” section below for information regarding an **allowance** for the work described (including interior work).

17. Q: Addendum #01, Added Scope of Work – Would 4-inch PVC or 4-inch fiberglass pipe be acceptable in lieu of the 4-inch rigid metallic conduit?

A: No, rigid metallic conduit is required.

18. Q: Addendum #01 has changed from Buy American Act (BAA) to Build America, Buy America Act (BABAA) requirements. The lighting schedule is all BAA. Will Oak Point Associates be making that change on the lighting schedule?

A: The fixture schedule lists basis-of design products to define the lighting characteristics, not required products. The lighting schedule will not be revised at this time. Any fixtures that meet the contract purchase requirements with the same technical characteristics are acceptable.

During the submittal process Contractors may propose products and materials that do not explicitly comply with BABAA if the Contractor has thoroughly conducted a search for products that do comply and have found no compliant products available. If a non-BABAA product is submitted, please include the following with the submittal on a single page at the beginning of the submittal materials:

- A clear statement that you have performed your due diligence to locate a compliant product(s).
- If compliant product(s) are available but are prohibitively expensive, include a clear statement to indicate that.

- If compliant product(s) are available but have prohibitively long lead times, include a clear statement to indicate that.

If the above conditions are true and documented, then DFE/MEARNG can apply for a waiver to exempt the product from the requirements of the BABAA.

Addition to Scope of Work:

1. Please include an **Allowance of \$50,000** for the additional scope of work described below. Please see "Specification Items 1 and 2 below for additional information. *(The scope included here has been revised from the work described in Addendum 1. Revisions are indicated in **bold text**.)*

There are communication cables that run between the subject WMD/CST facility and the adjacent Waterville Armory that must be replaced prior to construction of the Unheated Storage Building. Include in the Base Bid price the following work and all related ancillary work required to provide a complete and usable communication system between the buildings.

- a. Approximately **320** linear feet conduit trench, **including two (2) handholes**, with two (2) 4-inch rigid metallic conduits. **Include excavation, backfill, and restoration of surfaces.**
- b. **Provide conduit entrance into each building (riser, coring, paint and patch, and other required work for weather-tight building penetrations).**
- c. Install new 12-strand fiber and 25-pair copper, single mode, in separate conduits with LC-to-LC connectors, from electrical room in WMD/CST Facility to the IT room in the Waterville Armory so as not to cause a conflict with the new Unheated Storage Building. **Provide 1-inch metal conduit within the buildings.** (See attached plan of Waterville Armory.)
- d. Provide and submit utility location and topographic survey of proposed route for approval prior to construction.
- e. Provide surveyed location of final route with redline drawings at project close-out.

Specification Items:

1. Section 00 41 13, Contractor Bid Form, **DELETE** original form and **REPLACE with attached revised Section 00 41 13, Contractor Bid Form**. Revision is the addition of the allowance to install the copper and fiber from the WMD/CST to the Waterville Armory for \$50,000. **Ensure you include this allowance figure in your base bid total as directed on this bid form.**
2. **DELETE** Section 01 00 00, Administrative Provisions page 2, and **REPLACE with attached revised Section 01 00 00, Administrative Provisions page 2**. Revision is the addition of the allowance to install the copper and fiber from the WMD./CST to the Waterville Armory for \$50,000.

Attachments:

1. Revised Section 00 41 13, Contractor Bid Form.
2. Revised Section 01 00 00, Administrative Provisions – Pages 2, 4, and 15.
3. Cord reel product information sheet.

**00 41 13
Contractor Bid Form**

**11th WMD/CST Unheated
Storage Building**

BGS project number: 3310

Bid Form submitted by: *paper documents only to address below*

Bid Administrator:

Ms. Sara Thompson
Directorate of Facilities Engineering
Bldg. 7, Camp Keyes
194 Winthrop Street
Augusta, Maine 04330

Sara.Thompson@maine.gov

Bidder:

Signature: _____

Printed name and title: _____

Company name: _____

Mailing address: _____

City, state, zip code: _____

Phone number: _____

Email address: _____

State of incorporation, if a corporation: _____

List of all partners, if a partnership: _____

The Bidder agrees, if the Owner offers to award the contract, to provide any and all bonds and certificates of insurance, as well as Schedule of Values, Project Schedule, and List of Subcontractors and Suppliers if required by the Owner, and to sign the designated Construction Contract within twelve calendar days after the date of notification of such acceptance, except if the twelfth day falls on a State of Maine government holiday or other closure day, or a Saturday, or a Sunday, in which case the aforementioned documents must be received before 12:00 noon on the first available business day following the holiday, other closure day, Saturday, or Sunday.

As a guarantee thereof, the Bidder submits, together with this bid, a bid bond or other acceptable instrument as and if required by the Bid Documents.

00 41 13
Contractor Bid Form

1. The Bidder, having carefully examined the *11th WMD/CST Unheated Storage Building* Project Manual dated 26 April 2024, prepared by *Oak Point Associates*, as well as Specifications, Drawings, and any Addenda, the form of contract, and the premises and conditions relating to the work, proposes to furnish all labor, equipment and materials necessary for and reasonably incidental to the construction and completion of this project for the **Base Bid** amount of:

\$ _____ .00

2. Allowances *are included* on this project.
Bid amount above includes the following Allowances
Connect Copper and Fiber from WMD/CST to Waterville Armory \$ 50,000.00

3. Alternate Bids *are included* on this project.
Alternate Bids are as shown below
 Any dollar amount line below that is left blank by the Bidder shall be read as a bid of **\$0.00**.

1 *Provide Drive Through Vehicle Bay* \$ _____ .00

2 *"not used"* \$ _____ .00

3 *"not used"* \$ _____ .00

4 *"not used"* \$ _____ .00

4. Bid security *is required* on this project.
 If noted above as required, or if the Base Bid amount exceeds \$125,000.00, the Bidder shall include with this bid form a satisfactory Bid Bond (section 00 43 13) or a certified or cashier's check for 5% of the bid amount with this completed bid form submitted to the Owner.

5. Filed Sub-bids *are not required* on this project.
 If noted above as required, the Bidder shall include with this bid form a list of each Filed Sub-bidder selected by the Bidder on the form provided (section 00 41 13F).

4. Limit access to Owner's site, hours of operations are 7:00 A.M. - 4:00 P.M.
5. The Contractor must work with each organization to gain access to certain area through-out the building. When the Contractor needs to gain access to certain areas, he must notify each organization seven working days in advance.
6. Coordinate use of premises under direction of Owner.
7. The Contractor shall be responsible for his/her security in Construction Area until substantial completion. The contractor shall coordinate security of Building with Owner.
8. Winter Conditions: Contractor is required to provide access to their work site and ensure that snow removal operations do not impede the operations of the unit.

E. Owner Occupancy

1. Owner will occupy surrounding areas during entire period of construction, to conduct Owner's normal operations. The Contractor shall cooperate with Owner to minimize conflict to the Owner's operations.

F. Owner-furnished Products: Not Used

G. Schedule of Allowances: Connect Copper and Fiber from WMD/CST to Waterville Armory-\$50,000.

H. Alternate Bids: Alternate Bid Item# 1: Provide Drive Through Vehicle Bay

I. Unit Prices: Not Used

J. Applications for Payment:

1. Submit One (1) copy of each application under procedures of 00 72 13 Section 31, on B.G.S. Form "Application for Payment, 00 62 76 and 00 62 76.01", revised 12 May 2023.

K. Coordination:

1. Work of this Contract includes coordination of the entire Work of the Project.
2. Coordinate work with all utilities. Interruption of services shall be coordinated with an appropriate official at the facility to minimize the disruption of operations within the facility. Owner requires 72 hours notice prior to any utility shutdown.
3. Coordinate the work of equipment and material suppliers and subcontractors.

- A. Substantial Completion: Work of the Contract must be Substantially Completed by 30 June 2025 so that the Owner can have full use of interior space.
1. Except as otherwise specified, Substantial Completion is hereby defined to mean a stage of completion sufficient for the Owner to have full beneficial use and occupancy of the structure involved, less only minor corrections and repairs that can be performed without undue annoyance to building occupants which shall be documented on the "punch list" as specified hereinafter. Beneficial use and occupancy means removal of all debris, interior and exterior scaffolding, surplus equipment and material and cleaning as required under the Contract completed.
- B. Final Completion of all Work of this Contract shall be by 15 July 2025.
1. Except as otherwise specified, Final Completion is when the Work of the Contract has been completed in accordance with the terms and conditions of the contract documents with no "punch list" items open, and is ready for final payment.
- C. The expiration date of this Contract is 30 August 2025.
1. Except as otherwise specified, Expiration Date is hereby defined to mean the date when all engagements of the parties have ended, except to those which arise from the non-fulfillment of obligations created during its existence, such as warranties.
- D. Normal building operations will continue throughout the length of the Project. The successful Contractor shall develop a schedule of work that is respectful of the Owner's needs but with a mutual understanding that temporary relocation of personnel within the building will be required.
- E. Within ten (10) working days following receipt of the fully executed formal Contract Agreement by the Contractor, the Contractor shall prepare a proposed Phasing and Progress Schedule. The final Schedule shall be as mutually agreed to by the Owner and Contractor, and within the following guidelines:
1. The Owner's business operations must continue throughout the entire construction period.
 2. Work within the building interior must comply with the Owner's requirements for continued use and occupancy.
 3. Applicable egress codes must be complied with during the construction period. In particular, building entrances and exit ways must be kept open at all times.

1.03 REGULATORY REQUIREMENTS

- A. Conform to Local, State and Federal codes.

1.04 PROJECT MEETINGS

- A. Requirements:

2. When the Owner considers the Work of this contract has reached Substantial Completion, the Contractor and Owner shall sign a Certificate of Substantial Completion (Section 00 65 16). Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use. This Certificate of Substantial Completion will be prepared by the Architect/Engineer as stated in Specification 00 72 13, Section 37.4. When the Certificate of Substantial Completion has been signed by the Owner and the Contractor, the completed Certificate of Substantial Completion shall set the date for Substantial Completion of the work or a designated portion of the work.
3. When the Contractor considers the Work of this contract has reached final completion, the Contractor shall submit written certification that Contract Documents have been reviewed, Work has been inspected, and that Work is complete in accordance with Contract Documents and ready for OWNER's inspection. This written notification shall be submitted to the Owner 7 calendar days prior to the proposed inspection date. Per Specification 00 72 13, Section 36.4, the Contractor shall not call for final inspection of any portion of the Work that is not complete and permanently installed. The Contractor may be found liable for the expenses of individuals called to final inspection meetings prematurely.
4. Contractor must provide certificate of compliance that materials and equipment comply with the provision of the Buy American Act. See 00 73 00 Special Conditions Section 15 for additional requirements.
5. Contractor must provide certificate of compliance that purchased products comply with the Sustainable Procurement requirements. See 00 73 00 Special Conditions Section 17 for specific requirements.
6. In addition to submittals required by the conditions of the Contract, provide release of all liens, claims (Section 00 65 19) and submit final requisition.
7. The Contractor's failures to comply with Closeout Procedures, if the Closeout Documentation Requirements are not completed by the Substantial Completion Date. The Owner reserves the right to recover the costs to complete the Closeout Documentation Requirements from the Schedule of Values item Closeout Documentation Line Item. The Owner reserves the right to hire an Architect/Engineer to complete the required Contract Closeout Documentation.
8. Liquidated Damages: The minimum liquidated damages for this project shall be applied as described under Section 00 72 13 General Conditions, paragraph 37.5 and based on the Substantial Completion Date. The work to be performed under this contract shall be Substantially Completed on or before **30 June 2025, SAME AS 1.02.A ABOVE.**
9. **Under this contract \$750 dollars per day shall be charged as liquidated damages for work required beyond the Substantial Completion date.**



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RTI/RTM Cord Reels
High Capacity, NEMA 4



Retractable Cord Reel, RTM Series

Model #: RTMH4L-WW-K6K

ATTRIBUTES:

Cord Length:	50'
Gauge:	6 AWG
Conductor:	4
Max Amps:	55 Amp
Standard:	NEMA 4
Cord Type:	W
Volts:	600 VAC
Feeder End:	Blunt Cut
Payout End:	Blunt Cut
Reel Color:	Yellow
Operation:	Lift/Drag (ratchet lock)

FEATURES:

- Built to NEMA 4 standards for indoor/outdoor usage, including wet locations
- 35 to 150-Amp/600 Volt rated slip ring
- Heavy-duty, 100% steel construction with formed steel stand
- Positive-lock ratchet or constant-tension payout
- Low-friction, four-roller cable guide
- Holds up to 150' of SOOW cable
- Lifetime-lubrication motor
- Made in the USA