

<b>REQUEST FOR QUOTATIONS</b> <i>(THIS IS NOT AN ORDER)</i>		THIS RFQ <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE			PAGE OF PAGES 1   47	
1. REQUEST NO. W912WJ20Q0147	2. DATE ISSUED 27-Aug-2020	3. REQUISITION/PURCHASE REQUEST NO. W13G86022784300001	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1		RATING	
5a. ISSUED BY U S ARMY ENGR DISTRICT, NEWENGLAND 696 VIRGINIA RD CONCORD MA 01742-2751			6. DELIVER BY (Date) <b>SEE SCHEDULE</b>			
5b. FOR INFORMATION CALL: (Name and Telephone no.) (No collect calls) AMANDA N LANE			7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)			
8. TO: NAME AND ADDRESS, INCLUDING ZIP CODE			9. DESTINATION (Consignee and address, including ZIP Code) MANSFIELD HOLLOW LAKE ED GREENOUGH 141 MANSFIELD HOLLOW RD MANSFIELD CENTER CT 06250-9802 TEL: 978-318-8554 FAX:			
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS: (Date) 08-Sep-2020						
<b>IMPORTANT:</b> This is a request for information, and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.						
11. SCHEDULE (Include applicable Federal, State, and local taxes)						
ITEM NO. (a)	SUPPLIES/ SERVICES (b)		QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
<b>SEE SCHEDULE</b>						
12. DISCOUNT FOR PROMPT PAYMENT		a. 10 CALENDAR DAYS %	b. 20 CALENDAR DAYS %	c. 30 CALENDAR DAYS %	d. CALENDAR DAYS No.   %	
<b>NOTE: Additional provisions and representations     are     are not attached.</b>						
13. NAME AND ADDRESS OF QUOTER (Street, City, County, State, and ZIP Code)			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION	
			16. NAME AND TITLE OF SIGNER (Type or print)		TELEPHONE NO. (Include area code)	

## Section B - Supplies or Services and Prices

INSTRUCTIONS TO OFFERORS

\*SITE VISITS ARE HIGHLY RECOMMENDED PRIOR TO PROVIDING A QUOTE. SEE CLAUSE 52.236-27 FOR ADDITIONAL INFORMATION.

\*PLEASE DIRECT QUESTIONS TO **AMANDA LANE** AT **(978) 318-8814** or **AMANDA.N.LANE@USACE.ARMY.MIL**. ANY INFORMATION RECEIVED AT THE SITE VISIT WHICH CONFLICTS WITH THIS SOLICITATION SHOULD BE BROUGHT TO THE ATTENTION OF **AMANDA LANE**. THE SOLICITATION AND RESULTING CONTRACT SHALL BE THE GOVERNING DOCUMENT IN ALL CASES.

\*\*QUOTES CAN BE **E-MAILED** TO AMANDA LANE AT [AMANDA.N.LANE@USACE.ARMY.MIL](mailto:AMANDA.N.LANE@USACE.ARMY.MIL).

NOTE 1: In accordance with FAR Part 28.102-1(b), the Contractor will be required to provide the following payment protections for all construction contracts greater than \$150,000.00.

- (i) Payment Bond or
- (ii) Irrevocable Letter of Credit and
- (iii) Performance Bond

A Payment Bond or Irrevocable Letter of Credit is the **SELECTED** payment protection for the Government. The penal amount of bond shall be 100% of the original contract price. If the contract price increases, the Government will require an increase in the penal sum of the existing bond. This bond shall be submitted to the Contracting Officer within 10 days after receipt of award.

A Performance Bond shall be required if the total price of the quote is greater than \$150,000.00. The penal amount of the Performance Bond shall be 100% of the original contract price. If the contract price increases, the Government will require an increase in the penal sum of the existing bond. This bond shall also be submitted to the Contracting Officer within 10 days after receipt of award.

NOTE 2: In accordance with FAR Part 28.102-1(c), the Contractor will be required to provide one of the following payment protections for all construction contracts greater than \$35,000.00 but not greater than \$150,000.00.

- (i) Payment bond or
- (ii) Irrevocable letter of credit

A Payment Bond or Irrevocable Letter of Credit is the **SELECTED** payment protection for the Government. The penal amount of bond shall be 100% of the original contract price. If the contract price increases, the Government will require an increase in the penal sum of the existing bond. This bond shall be submitted to the Contracting Officer within 10 days after receipt of award.

\*\*No Payment Protections Required for construction contracts less than \$35,000\*\*

NOTE 3:

QUOTATION INSTRUCTIONS:

1. If subcontractor will be used for this work, please provide company names:

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2. In accordance with FAR Part 52.204-7(b)(1) Contractors must be registered in the System for Award Management (SAM) database ([www.SAM.gov](http://www.SAM.gov)) to submit an offer. (Formerly the Central Contractor Registration (CCR) database and the On-Line Representations and Certifications (ORCA).) Any reference to CCR or ORCA in

any clause or provision is referring to the [www.sam.gov](http://www.sam.gov) website. Please note that Google and Google Chrome are not supported browsers for SAM registration. Mozilla FireFox, Safari, and Internet Explorer are supported browsers.

NOTE: SAM.gov registration takes approximately 3 weeks (DUNS registration 1-2 business days; CAGE code validation up to 10 business days; IRS validation and overall submission 7-10 business days). It is the contractor's responsibility to track SAM.gov registration and follow-up with required tasks.

In addition, if you are registering a new entity in SAM.gov, you must provide an original, signed notarized letter stating that you are the authorized Entity Administrator. The Entity Administrator must establish a LOGIN.GOV account using the e-mail address that will be associated with the SAM registration. See <https://www.gsa.gov/about-us/organization/federal-acquisition-service/office-of-systems-management/integrated-award-environment-iae/sam-update> for additional information.

3. Provide business DUNS number: \_\_\_\_\_ (phone 800-333-0505 for DUNS).
4. Provide business CAGE code: \_\_\_\_\_
5. Tax Identification Number: \_\_\_\_\_
6. Contractors shall provide completed FAR clause 52.204-8 (Annual Representations and Certifications) found in Section K of this solicitation with their quote, if the Contractors have not completed their annual representations and certifications electronically via the SAM website at [www.sam.gov](http://www.sam.gov). (See Paragraph 2 above).
7. Contractors are not required to submit an Accident Prevention Plan (APP) with their quote. The successful offeror will be required to submit this document at the direction of the Technical Point of Contact. The APP must be accepted by the Government Designated Authority prior to the commencement of work.

POTENTIAL QUOTERS ARE NOTIFIED THAT THE BASIS ON WHICH AWARD WILL BE MADE IS PRICE ALONE.

ALL RESPONSIBLE SOURCES MAY SUBMIT A RESPONSE WHICH, IF TIMELY RECEIVED, MUST BE CONSIDERED BY THE AGENCY.

INVOICES SHALL BE SENT TO TECHNICAL POINT OF CONTACT.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	MHD UB & Garage Roof Replacement FFP Contractor shall furnish all equipment, materials, and labor to install a new asphalt shingle roof on the Utility Building & adjacent Garage building at Mansfield Hollow Dam in accordance with the Statement of Work. FOB: Destination MILSTRIP: W13G8602278430 PURCHASE REQUEST NUMBER: W13G86022784300001 PSC CD: Y1QA	1	Job		

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NET AMT

## Section C - Descriptions and Specifications

STATEMENT OF WORK

**MANSFIELD HOLLOW DAM  
UTILITY BUILDING & GARAGE ROOF REPLACEMENT  
U.S. ARMY CORPS OF ENGINEERS  
MANSFIELD CENTER, CT  
STATEMENT OF WORK**

**I. GENERAL**

1. **Scope** - Furnish all equipment, materials, and labor to install a new asphalt shingle roof on the Utility Building & adjacent Garage at Mansfield Hollow Dam.

Contractor is responsible for the removal and disposal of existing materials, as well as installation of new materials.

2. **Locations** - The required services shall be performed at the following project locations in Mansfield Center, CT:

1. Mansfield Hollow Dam: 141 Mansfield Hollow Road, Mansfield Center, CT 06250

**Access restricted – Contact the Technical Point of Contact to arrange a site visit.**

3. **Site Visits and Request for Information** - The Technical Point of Contact (TPOC) for this project is Park Ranger Marc D’Amato; 978.318.8898 (office), 860.268.7206 (cell), or email [marc.a.damato@usace.army.mil](mailto:marc.a.damato@usace.army.mil)
4. **Schedule** - The Period of Performance shall be 120 days from award. Work shall be performed Monday through Friday 7:00 AM to 3:30 PM unless otherwise approved by the Technical Point of Contact. No work shall be done on weekends or Government holidays.
5. **Safety**

- a) General:

All work shall be conducted in accordance with the U.S. Army Corps of Engineers Safety and Health Requirements Manual (EM 385-1-1, most recent edition), and all applicable OSHA, federal, state, and local safety and health requirements. A copy of EM 385-1-1 can be accessed at the project office or electronically at the following link:

[http://www.publications.usace.army.mil/Portals/76/Publications/EngineerManuals/EM\\_385-1-1.pdf](http://www.publications.usace.army.mil/Portals/76/Publications/EngineerManuals/EM_385-1-1.pdf)

Project staff reserve the right to cease work at any time should the safety of employees, Contractors, and/or the public become jeopardized.

b) Accident Prevention Plan:

The Contractor shall prepare an Accident Prevention Plan (APP) specific to the activities being performed. It shall include Activity Hazard Analyses (AHAs) as described below. A non-mandatory, fillable APP template is available upon request. However, the contractor is permitted to submit their own plan, at a minimum it must meet the requirements of EM 385-1-1, Appendix A.

A preparatory meeting shall be conducted by the prime contractor to discuss the APP contents with all effected onsite employees. The Prime Contractor is responsible for informing the subcontractors of the safety provisions under the terms of the contract, the penalties for noncompliance, and inspecting subcontractor operations to ensure that accident prevention responsibilities are being carried out.

Weekly safety meetings shall be held and documented. Records shall be available to the Technical Point of Contact (TPOC) upon request.

c) Activity Hazard Analysis:

An AHA shall be submitted for each major phase of work. A major phase of work is defined as an operation involving a type of work presenting hazards not experienced in previous operations or where a new subcontractor or work crew is to perform the work. The analysis shall define all activities to be performed, identify the sequence of work, the specific hazards anticipated, and the control measures to be implemented to eliminate or reduce each hazard to an acceptable level. The AHA shall be continuously reviewed and revised to address changing site conditions as appropriate.

**Note:** As part of the APP and AHAs include site specific COVID-19 monitoring procedures which address, at a minimum, the following elements:

- Procedures for periodic sanitation inspections.
- Procedures for disinfecting project sites in accordance with CDC guidelines.
- Site specific measures to practice social distancing while working on the project.
- Employee training on the signs, symptoms, and protection measures in accordance with CDC guidelines.
- A list of PPE to be used in accordance with CDC and state guidelines.

d) Emergency Response:

Emergency procedures shall be documented in the Accident Prevention Plan and will include a map with directions to the nearest hospital, emergency contact numbers, and onsite First Aid/CPR responders.

e) Required Personnel:

The Contractor shall employ a minimum of one Competent Person (CP) at each project site to function as the Site Safety and Health Officer (SSHO). The SSHO shall be present at the project site and report to the contractor's upper management. The SSHO is required to have related construction experience and have at a minimum completed a 10 Hour OSHA training.

In addition, when emergency medical services are not accessible within 5 minutes of the work location and there are 2 or more workers onsite, at least 2 employees shall have (in-person) training in First Aid and CPR. Minimum qualifications are listed in EM 385-1-1, Section 03.A.02.c.

\*Note: Other Competent or Qualified Persons may be required per EM 385-1-1 and/or other sections of this Scope of Work, based on the characteristics of the project\*

f) Accident Reporting:

All accidents and near misses shall be investigated by the Contractor. All work-related recordable injuries, illnesses and property damage accidents (excluding on-the-road vehicle accidents), in which the property damage exceeds \$5,000.00, shall be verbally reported to the TPOC within four (4) hours of the incident. Serious accidents as described in EM 385-1-1 Section 01.D shall be immediately reported to the TPOC. ENG Form 3394 shall be completed and submitted to the TPOC within five (5) working days of the incident.

## 6. Fall Protection

- a. General: The requirements of this section are applicable to contractors when their employees are working at heights above 6 feet, exposed to fall hazards, and/or using fall protection equipment. Every Contractor is responsible for establishing, implementing and managing a fall protection program in accordance with EM 385-1-1, Section 21.
- b. Submittals: A site-specific Fall Protection and Prevention Plan is required to be submitted and approved by the GDA prior to any work being completed at heights. USACE can provide a non-mandatory, fillable template plan. However, the contractor is permitted to submit their own plan, at a minimum it must address the items listed in EM 385-1-1, Section 21.D.01:
  - i. Duties and responsibilities. Identify CPs and QPs and their responsibilities and qualifications;
  - ii. Description of the project or task performed;
  - iii. Training requirements to include safe use of fall protection equipment;
  - iv. Anticipated hazards and fall hazard prevention and control;
  - v. Location of anticipated anchorages that will be installed during the project;
  - vi. Rescue plan and procedures;
  - vii. Design of anchorages/fall arrest and horizontal lifeline systems;
  - viii. Inspection, maintenance and storage of fall protection equipment;
  - ix. Incident investigation procedures;
  - x. Evaluation of program effectiveness;

- xi. Inspection and oversight methods employed.
- c. A Competent Person (CP) shall be onsite at all times while work at heights is being performed. The CP must be designated in writing and be trained in accordance with EM 385-1-1, Section 21.C.04. This includes a minimum of 24 hour CP in fall protection training made up of classroom and practical hands-on components.
- NOTE: CPs may only approve non-certified anchorages that are capable of holding 5000 lbs. All other anchorages and horizontal lifelines must be certified by a QP or engineer with related experience.
- d. Personal Fall Arrest System Requirements (PFAS): All PFAS shall meet the requirements contained in ANSI Z359, Fall Protection Code, to include fall restrain and positioning systems. A PFAS consist of a full body harness, connecting means, and an anchorage system.
7. **Preconstruction Conference** – Prior to the start of any work, the Technical Point of Contact will schedule and conduct a “Preconstruction Conference.” The Contractor’s Project Manager and Quality Control Personnel will attend this meeting. This conference will be held at the time and location agreeable to the government and contractor. No work may be performed under this contract prior to this conference. The purpose of the conference is to enable the Technical Point of Contact to outline the procedures that will be followed by the Government in its administration of the contract, and to discuss the performance that will be expected from the Contractor. This conference will allow the Contractor an opportunity to ask questions about the Government’s administration and inspection of contract work or obtain other pertinent information that might be required. At the Preconstruction Conference the contractor shall provide to the name of the project superintendent with a telephone number for project coordination.

The following is a general list of items for discussion during this Preconstruction Conference:

- Authority of the Technical Point of Contact.
  - Contractor’s Safety Program (including sub-contractors).
  - Accident Prevention Plan and Activity Hazard Analysis.
  - Fall Protection and Prevention Plan
  - COVID-19
  - Weekly Safety Meetings (Documented on NED Form 251)
  - Accident Reporting (ENG Form 3394)
  - Safety Data Sheet (SDS) requirements
  - Correspondence, Communication and Administrative Procedures.
  - Invoice and payment.
8. **Permits** – The Contractor shall, without additional expense to the Government, be responsible for obtaining any necessary licenses, permits, and letters of certification. The Contractor shall comply with any applicable Federal, State, County, and Municipal laws,



codes, and regulations in connection with the performance of the work specified under this contract.

9. **Damage to Government and Private Property** – The Contractor shall be responsible for restoring any Government facilities or structures damaged as a result of the firm’s operation. The Contractor shall also be responsible for any damage to private property or injury to any person as a result of the firm’s operations. The Contractor shall notify the Technical Point of Contact immediately of damage to Government and private property and injury to any person resulting from the firms’ operation.
10. **Point of Contact Requirements** – The Contractor shall provide to the Technical Point of Contact a telephone number and a point of contact for discussion of any contractual matters.
11. **Security** – The contractor will comply with all established security policies at the Project. Due to periods of heightened security that may affect the access to the areas covered under this contract, areas may be subject to periodic closures, which in turn may reduce or inhibit the Contractor’s ability to access certain areas. During periods of heightened security, the Government reserves the right, at any time, to close any property or portion of property and reschedule and/or cancel any subsequent service in an area. The Contractor shall be given at least 24 hour notice of any such closure.
12. **Payment** – Payment shall be made on a per job basis. After final inspection and acceptance by the Government, the Contractor must submit an invoice to the Technical Point of Contact. The invoice shall include the invoice date, contract number, dates of service, description of work, quantities, process, and total amount due per line item. For jobs greater than 30 days the contractor may request multiple payments.

All invoices may be mailed to:

U.S. Army Corps of Engineers  
West Thompson Lake  
449 Reardon Rd.  
North Grosvenordale, CT 06255  
Or sent via email to [marc.a.damato@usace.army.mil](mailto:marc.a.damato@usace.army.mil)

## **II. TECHNICAL**

### **Part 1 General:**

1. **Summary** - Furnish all equipment, materials, and labor to install an asphalt shingle roof on the Utility Building & adjacent Garage building at Mansfield Hollow Dam.

Contractor responsible for the removal and disposal of existing materials, as well as installation of new materials.

2. **Existing Conditions** – Both the Utility Building and Garage have asphalt shingle roofing which has exceeded its usable life. Chimney flashing/sealant on Utility Building has

cracks and is allowing rainwater to penetrate, creating a leak into the building.

Utility Building roof measures approximately 78' x 35' (roughly 2700ft<sup>2</sup>), 5-pitch, with brick chimney, two plumbing vents, and turbine vent; four penetrations in roof.

Garage roof measures approximately 24' x 26' (roughly 630ft<sup>2</sup>), 5-pitch, no penetrations in roof.

- 3. Clean Up** – The Contractor shall practice good housekeeping to maintain a safe job site. The contractor shall keep the work area, including any storage areas, free from the accumulation of waste materials. Upon completing work in an area the contractor shall remove any tools, equipment, and materials that are not the property of the government. Upon completion of work, the Contractor shall clean up the job site to the satisfaction of the Government.
- 4. Environmental Protection** – Containers for excess and/or waste materials, rubbish, etc. shall be provided by the contractor at the site, and the site will be inspected/cleaned on a daily basis. No burning is permissible. Water, air and land resources shall not be adversely impacted during the course of the work. Contractor will take necessary steps to ensure all federal, state, and local environmental regulatory requirements are met.
- 5. Sustainability** – All products provided by the contractor must meet the recycled content requirements set forth by the Environmental Protection Agency. Under the Comprehensive Procurement Guidelines (CPG) program, the Environmental Protection Agency (EPA) designates products that are or can be made with recovered materials, and recommends practices for buying these products. Any designated product that is being offered or supplied under this contract shall meet the minimum recommended content levels as identified under the CPG program. Visit <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpgprogram> for a complete list of designated products and the associated recommended contents levels. Offerors must be able to demonstrate that each offered products meets minimum content levels upon request.

Furthermore, the contractor should also meet the BioPreferred Program requirements. The United States Department of Agriculture (USDA) designates certain bio-based products for federal procurement and specifies minimum bio based content levels for those products. Any designated product that is being offered or supplied under this contract shall meet USDA BioPreferred's minimum bio based content level. Visit the BioPreferred web site <https://www.biopreferred.gov/BioPreferred/faces/pages/ProductCategories.xhtml> for the complete list of designated products and the associated minimum bio based content level requirements.

- 6. Damage to Government and Private Property** – The Contractor shall be responsible for restoring any Government facilities or structures damaged as a result of the firm's

operation. The Contractor shall also be responsible for any damage to private property or injury to any person as a result of the firm's operation. The Contractor shall notify the Technical Point of Contact and/or Project Manager immediately of damage to Government and private property and injury to any person resulting from the firm's operation.

- 7. Government Resources** – The contractor is responsible for providing all materials to complete the project. Unless specified in the contract, the Government will not provide any equipment, telephone services or other resources.
- 8. Omissions** – This contract may not cover all specified activities, steps, and procedures required to supply the contract product. In case of omission, the normal industry, state, or federal standards, practices, specifications, and/or guides shall prevail. In no instance shall an omission be reason to produce a less than acceptable product.
- 9. Quality Assurance** – The contractor is responsible for the quality control of the contract work. The government has the right to inspect and test all items called for by the contract, to the extent practicable at all times and at all places during the contract term.
- 10. Other Contracts** - The Government may undertake or award other contracts for additional work not related to this contract, and the Contractor shall fully cooperate with other Contractors and Government employees. The contractor shall not commit or permit any act, which will interfere with the performance of work by another contractor or by Government employees.
- 11. Receiving and Storing Materials** – The Corps of Engineers will provide a storage area and parking for contractor personnel. The contractor is responsible for protecting any stored material until it is placed in service. The contractor is responsible for receiving and unloading of delivered goods. Government employees will not receive material or supplies for the contractor and will not be responsible for damage to the contractor's equipment or materials.
- 12. Submittals** – Although the Government technically reviews submissions required by this scope of work, it is emphasized that the Contractor's work must be prosecuted using proper internal controls and review procedures. The documents identified below must be prepared in accordance with the applicable standards, submitted for review and accepted by the Government *prior to the commencement of any field activities*:
  - Accident Prevention Plan (AAPA) - Prior to the Start of Field Work
  - Activity Hazard Analysis (AHA) - Prior to the Start of Field Work
  - Fall Protection and Prevention Plan - Prior to the Start of Field Work
  - Material Manufacture Data, including color, type, etc.- Prior to the Start of Field Work
  - Material Safety Data Sheets – Prior to the Start of Field Work

### **13. Warranty**

- 1) The contractor, subcontractors, manufacturers, and suppliers warrant that all work under the contract conforms to the contract specifications and adheres to contract clauses in the Federal Acquisition Regulation (FAR) for Warranty of Construction.

#### **Part 2 Products:**

1. Asphalt Architectural Shingles; Color: Charcoal Grey
2. Hip & Ridge Cap
3. Ice & Water Shield
4. Drip Edge
5. Ridge Vent
6. Vent Boots for penetrating plumbing vent and turbine vent
7. Underlayment
8. Hot dipped, galvanized roofing nails
9. Roof turbine vent
10. Chimney flashing

#### **Part 3 Execution:**

Installation of products shall occur in accordance with the scope of work and local and federal laws and the National Building Code. One building shall be complete before moving on to the next building. Sequence of replacement will be approved by the technical point of contact.

##### 1. General:

- a. The building and all of its contents shall be protected from the elements during the duration of this contract.
- b. Activities including but not limited to roofing demolition and installation shall be scheduled so that weather related events will result in no damage to the building or any of its contents.
- c. The contractor shall keep on site the means to quickly cover and protect all areas open to the elements during an unforeseen weather related event that could cause damage to the building, and or any of its contents during all phases of this contract.

##### 2. Demolition:

- a. The contractor shall remove and legally dispose of the existing asphalt shingle roofing, insulation, and underlayment in accordance with all federal, state and local laws and regulations.
- b. Documentation of proper disposal of items outlined in section 2.a. shall be provided by the contractor.

##### 3. Installation:

- a. Install standard ice and water shield underlayment and architectural asphalt shingle roof over the entire building.
- b. Installation shall meet specified requirements and be in accordance with the manufacturer's installation instructions and industry best practices.
- c. Contractor shall not install damaged materials.
- d. Exposed surfaces and edges shall be kept clean and free from sealant, metal cuttings, hazardous burrs, and other foreign material. Stained, discolored, or damaged materials shall be removed from the site.
- e. Closure strips, flashing, and sealing material shall be provided where necessary to provide complete weather-tight construction.

#### I. Flashing

1. Provide all flashings, related closures, and accessories necessary for a complete, watertight installation around all penetrations in roof (i.e. chimney, plumbing vents, and turbine vent).
2. Minimize exposed fastening of flashings.
3. On sloped planes, form flashing lap joints to shed water and provide sealant within the lap area. Laps joints shall have minimum 100 mm (4 inch) overlap except where greater overlap is indicated, or otherwise required by the manufacturer.
4. Installation shall allow for expansion and contraction of flashing without impacting watertight integrity.

#### II. Ridge Vent

1. The contractor shall install a ridge vent the entire length of the roof
2. The ridge vent product shall be manufactured to be compatible with the architectural asphalt shingle roof and color matched (if possible).
3. It shall be installed in accordance with the manufacturer's recommendations.
4. Cleanup:
  - a. Remove nails, bolts, and equipment from roofs and surrounding building grounds.

ATTACHMENTS

PLEASE REFER TO THE ATTACHMENTS INCLUDED AT THE END OF THIS SOLICITATION FOR ADDITIONAL INFORMATION.

## Section F - Deliveries or Performance

## DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
0001	120 dys. ADC	1	MANSFIELD HOLLOW LAKE ED GREENOUGH 141 MANSFIELD HOLLOW RD MANSFIELD CENTER CT 06250-9802 978-318-8554 FOB: Destination	961102

## Section H - Special Contract Requirements

SECURITY REQUIREMENTS

The contractor and all associated sub-contractors shall receive a brief/training (provided by the RA) on the local suspicious activity reporting program. This locally developed training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the project manager, security representative or law enforcement entity. This training shall be completed within 30 calendar days of contract award and within 30 calendar days of new employees commencing performance with the results reported to the Technical Point of Contact NLT 5 calendar days after the completion of the training.

WAGE DETERMINATION

"General Decision Number: CT20200025 07/10/2020

Superseded General Decision Number: CT20190025

State: Connecticut

Construction Type: Building

County: Tolland County in Connecticut.

**BUILDING CONSTRUCTION PROJECTS** (does not include single family homes or apartments up to and including 4 stories).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

## Modification Number    Publication Date

0	01/03/2020
1	01/24/2020
2	02/21/2020



- 3 04/03/2020
- 4 04/24/2020
- 5 05/01/2020
- 6 05/08/2020
- 7 05/15/2020
- 8 05/22/2020
- 9 06/05/2020
- 10 07/03/2020
- 11 07/10/2020

ASBE0033-002 06/01/2019

Rates Fringes

HEAT & FROST INSULATOR  
 (Includes Duct, Pipe and  
 Mechanical Systems).....\$ 40.21 30.99

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BRCT0001-001 01/06/2020

Rates Fringes

BRICKLAYER.....\$ 35.71 33.31

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BRCT0001-002 01/07/2019

Rates Fringes

BRICK POINTER/CAULKER/CLEANER...\$ 35.71 33.31

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BRCT0001-005 01/06/2020

Rates Fringes

CEMENT MASON/CONCRETE FINISHER...\$ 35.71 33.31

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CARP0326-024 05/04/2020

Rates Fringes

FLOOR LAYER: Carpet Only.....\$ 34.53 25.64

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CARP0326-025 05/04/2020

Rates Fringes

FLOOR LAYER: Hardwood Floors  
Only.....\$ 34.53 25.64

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CARP0326-027 05/04/2020

Rates Fringes

CARPENTER (Scaffold Builder)....\$ 34.53 25.64

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CARP0326-028 05/04/2020

	Rates	Fringes
CARPENTER (Includes Acoustical Ceiling Installation, Drywall Hanging, Form Work, and Metal Stud Installation).....	\$ 34.53	25.64

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CARP0326-032 05/04/2020

	Rates	Fringes
CARPENTER (Acoustical Ceiling Inastallation Only).....	\$ 34.53	25.64

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CARP0326-033 05/04/2020

	Rates	Fringes
CARPENTER (Includes Form Work Only).....	\$ 34.53	25.64

-----  
ELEC0035-014 06/01/2020

	Rates	Fringes
ELECTRICIAN (Including Low Voltagte Wiring).....	\$ 40.25	3%+29.17

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ELEV0091-002 01/01/2020

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 55.12	34.765

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ENGI0478-004 04/05/2020

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Backhoe/Excavator/Trackhoe).....	\$ 42.11	25.30

PAID HOLIDAYS: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday.

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ENGI0478-005 04/05/2020

	Rates	Fringes
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POWER EQUIPMENT OPERATOR

(Bulldozer)

Finegrade (Slopes, Shaping, laser or GPS, etc.).....	\$ 41.32	25.30
Rough Grade Dozer.....	\$ 39.95	25.30

PAID HOLIDAYS: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday.

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ENGI0478-012 04/05/2020

Rates      Fringes

POWER EQUIPMENT OPERATOR

(Crane under 100 ton rated

capacity)).....\$ 41.32      25.30

When crane operator is operating equipment that requires a fully licensed crane operator to operate he receives an extra \$4.00 premium in addition to the hourly wage rate and benefit contributions:

PAID HOLIDAYS: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday.

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ENGI0478-016 04/05/2020

Rates      Fringes

POWER EQUIPMENT OPERATOR

(Loader - 7 cubic yards or

over).....\$ 42.45      25.30

PAID HOLIDAYS: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday.

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IRON0015-010 06/01/2020

	Rates	Fringes
IRONWORKER (Reinforcing, Structural, Ornamental).....	\$ 36.67	37.62

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LABO0230-001 04/05/2020

	Rates	Fringes
LABORER Common or General.....	\$ 31.00	22.15
Mason Tender- Cement/Concrete.....	\$ 31.50	22.15

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PAIN0011-014 06/01/2020

	Rates	Fringes
GLAZIER.....	\$ 39.18	22.55

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PAIN0011-021 06/01/2020

	Rates	Fringes
PAINTER (Brush and Roller).....	\$ 35.62	22.55

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PAIN0011-023 06/01/2020

	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 36.37	22.55

-----  
PLUM0777-001 06/01/2020

	Rates	Fringes
PLUMBER.....	\$ 44.63	32.95

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PLUM0777-003 06/01/2020

	Rates	Fringes
PIPEFITTER.....	\$ 44.63	32.95

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PLUM0777-004 06/01/2020

	Rates	Fringes
PLUMBER (HVAC Pipe Installation).....	\$ 44.63	32.95

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\* ROOF0009-001 06/01/2020

	Rates	Fringes
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ROOFER

Composition.....	\$ 38.40	21.89
Slate and Tile.....	\$ 38.90	21.89

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SFCT0669-002 04/02/2020

Rates Fringes

SPRINKLER FITTER.....	\$ 45.92	26.08
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SHEE0040-001 07/01/2020

Rates Fringes

SHEET METAL WORKER (Including HVAC Unit Installation).....	\$ 38.90	39.46
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SHEE0040-002 07/01/2020

Rates Fringes

SHEET METAL WORKER (Metal Flashing and HVAC Duct Installation Only).....	\$ 38.90	39.46
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SHEE0040-008 07/01/2020

Rates Fringes

SHEET METAL WORKER (Metal Roofs Installation).....	\$ 38.90	39.46
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TEAM0677-001 04/05/2020

Rates Fringes

TRUCK DRIVER (Dump Truck).....	\$ 30.08	25.79
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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other

health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average

calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations

Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"



## Section I - Contract Clauses

## CLAUSES INCORPORATED BY REFERENCE

52.204-13	System for Award Management Maintenance	OCT 2018
52.204-18	Commercial and Government Entity Code Maintenance	AUG 2020
52.204-19	Incorporation by Reference of Representations and Certifications.	DEC 2014
52.204-24	Representation Regarding Certain Telecommunications and Video Surveillance Services or Equipment.	AUG 2020
52.219-6 (Dev)	Notice of Total Small Business Set-Aside (DEVIATION 2020-O0008).	MAR 2020
52.222-6	Construction Wage Rate Requirements	AUG 2018
52.222-7	Withholding of Funds	MAY 2014
52.222-8	Payrolls and Basic Records	AUG 2018
52.222-9	Apprentices and Trainees	JUL 2005
52.222-10	Compliance with Copeland Act Requirements	FEB 1988
52.222-11	Subcontracts (Labor Standards)	MAY 2014
52.222-12	Contract Termination-Debarment	MAY 2014
52.222-13	Compliance With Construction Wage Rate Requirements and Related Regulations	MAY 2014
52.222-14	Disputes Concerning Labor Standards	FEB 1988
52.222-15	Certification of Eligibility	MAY 2014
52.222-27	Affirmative Action Compliance Requirements for Construction	APR 2015
52.223-17	Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts	AUG 2018
52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	JUN 2020
52.232-5	Payments under Fixed-Price Construction Contracts	MAY 2014
52.232-23	Assignment Of Claims	MAY 2014
52.232-27	Prompt Payment for Construction Contracts	JAN 2017
52.232-40	Providing Accelerated Payments to Small Business Subcontractors	DEC 2013
52.236-2	Differing Site Conditions	APR 1984
52.236-3	Site Investigation and Conditions Affecting the Work	APR 1984
52.236-5	Material and Workmanship	APR 1984
52.236-6	Superintendence by the Contractor	APR 1984
52.236-7	Permits and Responsibilities	NOV 1991
52.236-8	Other Contracts	APR 1984
52.236-9	Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements	APR 1984
52.236-10	Operations and Storage Areas	APR 1984
52.236-11	Use and Possession Prior to Completion	APR 1984
52.236-12	Cleaning Up	APR 1984
52.236-13	Accident Prevention	NOV 1991
52.236-14	Availability and Use of Utility Services	APR 1984
52.236-21	Specifications and Drawings for Construction	FEB 1997
52.236-26	Preconstruction Conference	FEB 1995
52.242-14	Suspension of Work	APR 1984
52.243-5	Changes and Changed Conditions	APR 1984
52.246-12	Inspection of Construction	AUG 1996
52.246-21	Warranty of Construction	MAR 1994

52.249-1	Termination For Convenience Of The Government (Fixed Price) (Short Form)	APR 1984
52.249-10	Default (Fixed-Price Construction)	APR 1984
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	SEP 2011
252.203-7002	Requirement to Inform Employees of Whistleblower Rights	SEP 2013
252.204-7000	Disclosure Of Information	OCT 2016
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7012	Safeguarding Covered Defense Information and Cyber Incident Reporting	DEC 2019
252.204-7015	Notice of Authorized Disclosure of Information for Litigation Support	MAY 2016
252.223-7006	Prohibition On Storage, Treatment, and Disposal of Toxic or Hazardous Materials	SEP 2014
252.225-7048	Export-Controlled Items	JUN 2013
252.227-7033	Rights in Shop Drawings	APR 1966
252.232-7004	DOD Progress Payment Rates	OCT 2014
252.232-7010	Levies on Contract Payments	DEC 2006
252.236-7000	Modification Proposals-Price Breakdown	DEC 1991
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.244-7000	Subcontracts for Commercial Items	JUN 2013

#### CLAUSES INCORPORATED BY FULL TEXT

#### 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to (a) commence work under this contract within **Fourteen (14)** calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than **120 days from contract award**. The time stated for completion shall include final cleanup of the premises.

(End of clause)

#### 52.213-4 TERMS AND CONDITIONS--SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (OCT 2019).

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.203-19, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (JAN 2017) (section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions)).

(ii) 52.204-23, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (Jul 2018) (Section 1634 of Pub. L. 115-91).

(iii) 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (AUG 2019) (Section 889(a)(1)(A) of Pub. L. 115-232).

- (iv) 52.222-3, Convict Labor (JUN 2003) (E.O. 11755).
  - (v) 52.222-21, Prohibition of Segregated Facilities (APR 2015).
  - (vi) 52.222-26, Equal Opportunity (SEPT 2016) (E.O. 11246).
  - (vii) 52.225-13, Restrictions on Certain Foreign Purchases (JUN 2008) (E.O.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
  - (viii) 52.233-3, Protest After Award (AUG 1996) (31 U.S.C. 3553).
  - (ix) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78 (19 U.S.C. 3805 note)).
- (2) Listed below are additional clauses that apply:
- (i) 52.232-1, Payments (APR 1984).
  - (ii) 52.232-8, Discounts for Prompt Payment (FEB 2002).
  - (iii) 52.232-11, Extras (APR 1984).
  - (iv) 52.232-25, Prompt Payment (JAN 2017).
  - (v) 52.232-39, Unenforceability of Unauthorized Obligations (JUN 2013).
  - (vi) 52.232-40, Providing Accelerated Payments to Small Business Subcontractors (DEC 2013).
  - (vii) 52.233-1, Disputes (MAY 2014).
  - (viii) 52.244-6, Subcontracts for Commercial Items (AUG 2019).
  - (ix) 52.222-55, Minimum Wages Under Executive Order 13658 (MAR 2016) (Applies when 52.222-6 or 52.222-41 are in the contract and performance in whole or in part is in the United States (the 50 States and the District of Columbia)).
- (b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:
- (1) The clauses listed below implement provisions of law or Executive order:
    - (i) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Oct 2018) (Pub. L. 109-282) (31 U.S.C. 6101 note) (Applies to contracts valued at \$30,000 or more).
    - (ii) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (Oct 2019) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold).
    - (iii) 52.222-20, Contracts for Materials, Supplies, Articles, and Equipment Exceeding \$15,000 (MAY 2014) (41 U.S.C. chapter 65) (Applies to supply contracts over \$15,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).
    - (iv) 52.222-35, Equal Opportunity for Veterans (Oct 2015) (38 U.S.C. 4212) (applies to contracts of \$150,000 or more).

(v) 52.222-36, Equal Employment for Workers with Disabilities (JUL 2014) (29 U.S.C. 793) (Applies to contracts over \$15,000, unless the work is to be performed outside the United States by employees recruited outside the United States). (For purposes of this clause, "United States" includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(vi) 52.222-37, Employment Reports on Veterans (Feb 2016) (38 U.S.C. 4212) (Applies to contracts of \$150,000 or more).

(vii) 52.222-41, Service Contract Labor Standards (AUG 2018) (41 U.S.C. chapter 67) (Applies to service contracts over \$2,500 that are subject to the Service Contract Labor Standards statute and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer Continental Shelf).

(viii)(A) 52.222-50, Combating Trafficking in Persons (JAN 2019) (22 U.S.C. chapter 78 and E.O. 13627) (Applies to all solicitations and contracts).

(B) Alternate I (MAR 2015) (Applies if the Contracting Officer has filled in the following information with regard to applicable directives or notices: Document title(s), source for obtaining document(s), and contract performance location outside the United States to which the document applies).

(ix) 52.222-55, Minimum Wages Under Executive Order 13658 (DEC 2015) (Executive Order 13658) (Applies when 52.222-6 or 52.222-41 are in the contract and performance in whole or in part is in the United States (the 50 States and the District of Columbia)).

(x) 52.222-62, Paid Sick Leave Under Executive Order 13706 (JAN 2017) (E.O. 13706) (Applies when 52.222-6 or 52.222-41 are in the contract and performance in whole or in part is in the United States (the 50 States and the District of Columbia.))

(xi) 52.223-5, Pollution Prevention and Right-to-Know Information (MAY 2011) (E.O. 13423) (Applies to services performed on Federal facilities).

(xii) 52.223-11, Ozone-Depleting Substances and High Global Warming Potential Hydrofluorocarbons (June, 2016) (E.O. 13693)(applies to contracts for products as prescribed at FAR 23.804(a)(1)).

(xiii) 52.223-12, Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners (June, 2016) (E.O. 13693) (Applies to maintenance, service, repair, or disposal of refrigeration equipment and air conditioners).

(xiv) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007) (42 U.S.C. 8259b) (Unless exempt pursuant to 23.204, applies to contracts when energy-consuming products listed in the ENERGY STAR ® Program or Federal Energy Management Program (FEMP) will be--

(A) Delivered;

(B) Acquired by the Contractor for use in performing services at a Federally-controlled facility;

(C) Furnished by the Contractor for use by the Government; or

(D) Specified in the design of a building or work, or incorporated during its construction, renovation, or maintenance).

(xv) 52.223-20, Aerosols (June, 2016) (E.O. 13693) (Applies to contracts for products that may contain high global warming potential hydrofluorocarbons as a propellant or as a solvent; or contracts for maintenance or repair of electronic or mechanical devices).

(xvi) 52.223-21, Foams (June, 2016) (E.O. 13693) (Applies to contracts for products that may contain high global warming potential hydrofluorocarbons or refrigerant blends containing hydrofluorocarbons as a foam blowing agent; or contracts for construction of buildings or facilities.

(xvii) 52.225-1, Buy American--Supplies (MAY 2014) (41 U.S.C. chapter 67) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold and the acquisition--

(A) Is set aside for small business concerns; or

(B) Cannot be set aside for small business concerns (see 19.502-2), and does not exceed \$25,000).

(xviii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAY 2014) (42 U.S.C. 1792) (Applies to contracts greater than \$25,000 that provide for the provision, the service, or the sale of food in the United States).

(xix) 52.232-33, Payment by Electronic Funds Transfer--System for Award Management (OCT 2018) (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the System for Award Management (SAM) as its source of EFT information.)

(xx) 52.232-34, Payment by Electronic Funds Transfer--Other than System for Award Management (JUL 2013) (Applies when the payment will be made by EFT and the payment office does not use the SAM database as its source of EFT information.)

(xxi) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. App. 1241) (Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at 47.504(d).)

(2) Listed below are additional clauses that may apply:

(i) 52.204-21, Basic Safeguarding of Covered Contractor Information Systems (June, 2016) (Applies to contracts when the contractor or a subcontractor at any tier may have Federal contract information residing in or transiting through its information system.

(ii) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Oct 2015) (Applies to contracts over \$35,000).

(iii) 52.211-17, Delivery of Excess Quantities (SEP 1989) (Applies to fixed-price supplies).

(iv) 52.247-29, F.o.b. Origin (FEB 2006) (Applies to supplies if delivery is f.o.b. origin).

(v) 52.247-34, F.o.b. Destination (NOV 1991) (Applies to supplies if delivery is f.o.b. destination).

(c) FAR 52.252-2, Clauses Incorporated by Reference (FEB 1998). This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<https://www.acquisition.gov/>

(d) DELETED

(e) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine

restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) DELETED

(g) DELETED

(h) DELETED

(End of clause)

#### 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (MAY 2020)

(a) Definitions. As used in this clause--

Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (d) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was any of the small business concerns identified in 19.000(a)(3) prior to award of this contract, the Contractor shall rerepresent its size and socioeconomic status according to paragraph (f) of this clause or, if applicable, paragraph (h) of this clause, upon occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts--

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) If the Contractor represented that it was any of the small business concerns identified in 19.000(a)(3) prior to award of this contract, the Contractor shall rerepresent its size and socioeconomic status according to paragraph (f) of this clause or, if applicable, paragraph (h) of this clause, when the Contracting Officer explicitly requires it for an order issued under a multiple-award contract.

(d) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code(s) assigned to this contract. The small business size standard corresponding to this NAICS code(s) can be found at <https://www.sba.gov/document/support--table-size-standards>.

(e) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(f) Except as provided in paragraph (h) of this clause, the Contractor shall make the representation(s) required by paragraph (b) and (c) of this clause by validating or updating all its representations in the Representations and Certifications section of the System for Award Management (SAM) and its other data in SAM, as necessary, to ensure that they reflect the Contractor's current status. The Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause, or with its offer for an order (see paragraph (c) of this clause), that the data have been validated or updated, and provide the date of the validation or update.

(g) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (f) or (h) of this clause.

(h) If the Contractor does not have representations and certifications in SAM, or does not have a representation in SAM for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

(1) The Contractor represents that it [ ] is, [ ] is not a small business concern under NAICS Code 238160 assigned to contract number W912WJ20PXXXX.

(2) [Complete only if the Contractor represented itself as a small business concern in paragraph (h)(1) of this clause.] The Contractor represents that it [ ] is, [ ] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) [Complete only if the Contractor represented itself as a small business concern in paragraph (h)(1) of this clause.] The Contractor represents that it [ ] is, [ ] is not a women-owned small business concern.

(4) Women-owned small business (WOSB) concern eligible under the WOSB Program. [Complete only if the Contractor represented itself as a women-owned small business concern in paragraph (h)(3) of this clause.] The Contractor represents that--

(i) It [ ] is, [ ] is not a WOSB concern eligible under the WOSB Program, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It [ ] is, [ ] is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (h)(4)(i) of this clause is accurate for each WOSB concern eligible under the WOSB Program participating in the joint venture.

[The Contractor shall enter the name or names of the WOSB concern eligible under the WOSB Program and other small businesses that are participating in the joint venture: .] Each WOSB concern eligible under the WOSB Program participating in the joint venture shall submit a separate signed copy of the WOSB representation.

(5) Economically disadvantaged women-owned small business (EDWOSB) concern. [Complete only if the Contractor represented itself as a women-owned small business concern eligible under the WOSB Program in (h)(4) of this clause.] The Contractor represents that--

(i) It [ ] is, [ ] is not an EDWOSB concern eligible under the WOSB Program, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It [ ] is, [ ] is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (h)(5)(i) of this clause is accurate for each EDWOSB concern participating in the joint venture. [The Contractor shall enter the name or names of the EDWOSB concern and other small businesses that are participating in the joint venture: .] Each EDWOSB concern participating in the joint venture shall submit a separate signed copy of the EDWOSB representation.

(6) [Complete only if the Contractor represented itself as a small business concern in paragraph (h)(1) of this clause.] The Contractor represents that it [ ] is, [ ] is not a veteran-owned small business concern.

(7) [Complete only if the Contractor represented itself as a veteran-owned small business concern in paragraph (h)(6) of this clause.] The Contractor represents that it [ ] is, [ ] is not a service-disabled veteran-owned small business concern.

(8) [Complete only if the Contractor represented itself as a small business concern in paragraph (h)(1) of this clause.] The Contractor represents that--

(i) It [ ] is, [ ] is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material changes in ownership and control, principal office, or HUBZone employee percentage have occurred since it was certified in accordance with 13 CFR part 126; and

(ii) It [ ] is, [ ] is not a HUBZone joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (h)(8)(i) of this clause is accurate for each HUBZone small business concern participating in the HUBZone joint venture. [The Contractor shall enter the names of each of the HUBZone small business concerns participating in the HUBZone joint venture: .] Each HUBZone small business concern participating in the HUBZone joint venture shall submit a separate signed copy of the HUBZone representation.

[Contractor to sign and date and insert authorized signer's name and title.]

(End of clause)

## 52.223-2 AFFIRMATIVE PROCUREMENT OF BIOBASED PRODUCTS UNDER SERVICE AND CONSTRUCTION CONTRACTS (SEP 2013)

(a) In the performance of this contract, the contractor shall make maximum use of biobased products that are United States Department of Agriculture (USDA)-designated items unless--

(1) The product cannot be acquired--

(i) Competitively within a time frame providing for compliance with the contract performance schedule;

(ii) Meeting contract performance requirements; or

(iii) At a reasonable price.

(2) The product is to be used in an application covered by a USDA categorical exemption (see 7 CFR 3201.3(e)). For example, all USDA-designated items are exempt from the preferred procurement



requirement for the following:

- (i) Spacecraft system and launch support equipment.
  - (ii) Military equipment, i.e., a product or system designed or procured for combat or combat-related missions.
  - (b) Information about this requirement and these products is available at <http://www.biopreferred.gov>.
  - (c) In the performance of this contract, the Contractor shall--
    - (1) Report to <http://www.sam.gov>, with a copy to the Contracting Officer, on the product types and dollar value of any USDA-designated biobased products purchased by the Contractor during the previous Government fiscal year, between October 1 and September 30; and
    - (2) Submit this report no later than--
      - (i) October 31 of each year during contract performance; and
      - (ii) At the end of contract performance.
- (End of clause)

#### 52.225-9 BUY AMERICAN—CONSTRUCTION MATERIALS (MAY 2014)

(a) Definitions. As used in this clause--

Commercially available off-the-shelf (COTS) item—

- (1) Means any item of supply (including construction material) that is--
  - (i) A commercial item (as defined in paragraph (1) of the definition at FAR 2.101);
  - (ii) Sold in substantial quantities in the commercial marketplace; and
  - (iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and
- (2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4) such as agricultural products and petroleum products.

Component means an article, material, or supply incorporated directly into a construction material.

Construction material means an article, material, or supply brought to the construction site by the Contractor or a subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

Cost of components means--

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the construction material.

Domestic construction material means--

(1) An unmanufactured construction material mined or produced in the United States;

(2) A construction material manufactured in the United States, if--

(i) The cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic; or

(ii) The construction material is a COTS item.

Foreign construction material means a construction material other than a domestic construction material.

United States means the 50 States, the District of Columbia, and outlying areas.

(b) Domestic preference.

(1) This clause implements 41 U.S.C. chapter 83, Buy American, by providing a preference for domestic construction material. In accordance with 41 U.S.C. 1907, the component test of the Buy American statute is waived for construction material that is a COTS item. (See FAR 12.505(a)(2)). The Contractor shall use only domestic construction material in performing this contract, except as provided in paragraphs (b)(2) and (b)(3) of this clause.

(2) This requirement does not apply to information technology that is a commercial item or to the construction materials or components listed by the Government as follows: **NONE**

(3) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(2) of this clause if the Government determines that

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the requirements of the Buy American Act is unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent;

(ii) The application of the restriction of the Buy American Act to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) Request for determination of inapplicability of the Buy American Act. (1)(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(3) of this clause shall include adequate information for Government evaluation of the request, including--

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American statute applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(3)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American statute applies, use of foreign construction material is noncompliant with the Buy American statute.

(d) Data. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Construction Materials Price Comparison

Construction material description	Unit of measure	Quantity	Price (dollars) \1\
Item 1			
Foreign construction material....	.....	.....	.....
Domestic construction material...	.....	.....	.....
Item 2			
Foreign construction material....	.....	.....	.....
Domestic construction material...	.....	.....	.....

Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued).

List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.

Include other applicable supporting information.

(End of clause)

52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any [DFARS](#) (48 CFR [Chapter 2](#)) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of clause)

252.236-7001 CONTRACT DRAWINGS AND SPECIFICATIONS (AUG 2000)

(a) The Government will provide to the Contractor, without charge, one set of contract drawings and specifications, except publications incorporated into the technical provisions by reference, in electronic or paper media as chosen by the Contracting Officer.

(b) The Contractor shall--

- (1) Check all drawings furnished immediately upon receipt;
- (2) Compare all drawings and verify the figures before laying out the work;
- (3) Promptly notify the Contracting Officer of any discrepancies;
- (4) Be responsible for any errors that might have been avoided by complying with this paragraph (b); and
- (5) Reproduce and print contract drawings and specifications as needed.

(c) In general--

- (1) Large-scale drawings shall govern small-scale drawings; and
- (2) The Contractor shall follow figures marked on drawings in preference to scale measurements.

(d) Omissions from the drawings or specifications or the misdescription of details of work that are manifestly necessary to carry out the intent of the drawings and specifications, or that are customarily performed, shall not relieve the Contractor from performing such omitted or misdescribed details of the work. The Contractor shall perform such details as if fully and correctly set forth and described in the drawings and specifications.

(e) The work shall conform to the specifications and the contract drawings identified on the following index of drawings:

Title	File	Drawing No.
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[Informational Photos 1-8](#)

(End of clause)

UAI 5152.249-9000

Actual costs will be used to determine equipment costs for a settlement proposal submitted on the total cost basis under Federal Acquisition Regulation (FAR) 49.206-2(b). In evaluating a termination settlement proposal using total cost basis, the following principles will be applied to determine allowable equipment costs.

- (a) Actual costs for each piece of equipment, or groups of similar serial or series equipment, need not be available in the contractor's accounting records to determine total actual equipment costs.
- (b) If equipment costs have been allocated to a contract using predetermined rates, those charges will be adjusted to actual costs.
- (c) Recorded job costs adjusted for unallowable expenses will be used to determine equipment operating expenses.
- (d) Ownership costs (depreciation) will be determined using the contractor's depreciation schedule (subject to the provisions of Federal Acquisition Regulation (FAR) 31.205-11).
- (e) License, taxes, storage and insurance costs are normally recovered as an indirect expense and unless the contractor charges these costs directly to contracts, they will be recovered through the indirect expense rate.

(End of Clause)

## Section K - Representations, Certifications and Other Statements of Offerors

## CLAUSES INCORPORATED BY REFERENCE

252.204-7008 Compliance With Safeguarding Covered Defense Information OCT 2016 Controls

## CLAUSES INCORPORATED BY FULL TEXT

## 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAR 2020)

- (a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 238160.
- (2) The small business size standard is \$16,500,000.
- (3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.
- (b)(1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.
- (2) If the provision at 52.204-7, System for Award Management, is not included in this solicitation, and the Offeror has an active registration in the System for Award Management (SAM), the Offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The Offeror shall indicate which option applies by checking one of the following boxes:
- ( ) Paragraph (d) applies.
- ( ) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.
- (c) (1) The following representations or certifications in SAM are applicable to this solicitation as indicated:
- (i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—
- (A) The acquisition is to be made under the simplified acquisition procedures in Part 13;
- (B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or
- (C) The solicitation is for utility services for which rates are set by law or regulation.
- (ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.
- (iii) 52.203-18, Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements--Representation. This provision applies to all solicitations.

- (iv) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.
- (v) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—
- (A) Are not set aside for small business concerns;
  - (B) Exceed the simplified acquisition threshold; and
  - (C) Are for contracts that will be performed in the United States or its outlying areas.
- (vi) 52.204-26, Covered Telecommunications Equipment or Services--Representation. This provision applies to all solicitations.
- (vii) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations--Representation.
- (viii) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.
- (ix) 52.209-11, Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.
- (x) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.
- (xi) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.
- (xii) 52.219-1, Small Business Program Representations (Basic, Alternates I, and II). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.
- (A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.
  - (B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.
  - (C) The provision with its Alternate II applies to solicitations that will result in a multiple-award contract with more than one NAICS code assigned.
- (xiii) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.
- (xiv) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.
- (xv) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.
- (xvi) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xvii) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xviii) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA- designated items.

(xix) 52.223-22, Public Disclosure of Greenhouse Gas Emissions and Reduction Goals--Representation. This provision applies to solicitations that include the clause at 52.204-7.)

(xx) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xxi) 52.225-4, Buy American--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225- 3.

(A) If the acquisition value is less than \$25,000, the basic provision applies.

(B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.

(C) If the acquisition value is \$50,000 or more but is less than \$83,099, the provision with its Alternate II applies.

(D) If the acquisition value is \$83,099 or more but is less than \$100,000, the provision with its Alternate III applies.

(xxii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xxiii) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations.

(xxiv) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran—Representation and Certification. This provision applies to all solicitations.

(xxv) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(2) The following representations or certifications are applicable as indicated by the Contracting Officer:

X (i) 52.204-17, Ownership or Control of Offeror.

X (ii) 52.204-20, Predecessor of Offeror.

(iii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

(iv) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Certification.

(v) 52.222-52 Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.



(vi) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

(vii) 52.227-6, Royalty Information.

(A) Basic.

(B) Alternate I.

(viii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The Offeror has completed the annual representations and certifications electronically in SAM accessed through <https://www.sam.gov>. After reviewing the SAM information, the Offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [ offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause	Title	Date	Change
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Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

(End of provision)

52.225-10 NOTICE OF BUY AMERICAN REQUIREMENT--CONSTRUCTION MATERIALS (MAY 2014)

(a) Definitions. "Commercially available off-the-shelf (COTS) item," "construction material," "domestic construction material," and "foreign construction material," as used in this provision, are defined in the clause of this solicitation entitled "Buy American --Construction Materials" (Federal Acquisition Regulation (FAR) clause 52.225-9).

(b) Requests for determinations of inapplicability. An offeror requesting a determination regarding the inapplicability of the Buy American statute should submit the request to the Contracting Officer in time to allow a determination before submission of offers. The offeror shall include the information and applicable supporting data required by paragraphs (c) and (d) of the clause at FAR 52.225-9 in the request. If an offeror has not requested a determination regarding the inapplicability of the Buy American statute before submitting its offer, or has not received a response to a previous request, the offeror shall include the information and supporting data in the offer.

(c) Evaluation of offers. (1) The Government will evaluate an offer requesting exception to the requirements of the Buy American statute, based on claimed unreasonable cost of domestic construction material, by adding to the

offered price the appropriate percentage of the cost of such foreign construction material, as specified in paragraph (b)(3)(i) of the clause at FAR 52.225-9.

(2) If evaluation results in a tie between an offeror that requested the substitution of foreign construction material based on unreasonable cost and an offeror that did not request an exception, the Contracting Officer will award to the offeror that did not request an exception based on unreasonable cost.

(d) Alternate offers.

(1) When an offer includes foreign construction material not listed by the Government in this solicitation in paragraph (b)(2) of the clause at FAR 52.225-9, the offeror also may submit an alternate offer based on use of equivalent domestic construction material.

(2) If an alternate offer is submitted, the offeror shall submit a separate Standard Form 1442 for the alternate offer, and a separate price comparison table prepared in accordance with paragraphs (c) and (d) of the clause at FAR 52.225-9 for the offer that is based on the use of any foreign construction material for which the Government has not yet determined an exception applies.

(3) If the Government determines that a particular exception requested in accordance with paragraph (c) of the clause at FAR 52.225-9 does not apply, the Government will evaluate only those offers based on use of the equivalent domestic construction material, and the offeror shall be required to furnish such domestic construction material. An offer based on use of the foreign construction material for which an exception was requested--

(i) Will be rejected as nonresponsive if this acquisition is conducted by sealed bidding; or

(ii) May be accepted if revised during negotiations.

(End of provision)

#### 252.203-7005 REPRESENTATION RELATING TO COMPENSATION OF FORMER DOD OFFICIALS (NOV 2011)

(a) Definition. Covered DoD official is defined in the clause at 252.203-7000, Requirements Relating to Compensation of Former DoD Officials.

(b) By submission of this offer, the offeror represents, to the best of its knowledge and belief, that all covered DoD officials employed by or otherwise receiving compensation from the offeror, and who are expected to undertake activities on behalf of the offeror for any resulting contract, are presently in compliance with all post-employment restrictions covered by 18 U.S.C. 207, 41 U.S.C. 2101-2107, and 5 CFR parts 2637 and 2641, including Federal Acquisition Regulation 3.104-2.

(End of provision)

#### 252.204-7007 ALTERNATE A, ANNUAL REPRESENTATIONS AND CERTIFICATIONS (APR 2020)

Substitute the following paragraphs (b), (d) and (e) for paragraphs (b) and (d) of the provision at FAR 52.204-8:

(b)(1) If the provision at FAR 52.204-7, System for Award Management, is included in this solicitation, paragraph (e) of this provision applies.

(2) If the provision at FAR 52.204-7, System for Award Management, is not included in this solicitation, and the Offeror has an active registration in the System for Award Management (SAM), the Offeror may choose to use paragraph (e) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The Offeror shall indicate which option applies by checking one of the following boxes:

(i) Paragraph (e) applies.

(ii) Paragraph (e) does not apply and the Offeror has completed the individual representations and certifications in the solicitation.

(d)(1) The following representations or certifications in the SAM database are applicable to this solicitation as indicated:

(i) 252.204-7016, Covered Defense Telecommunications Equipment or Services--Representation. Applies to all solicitations.

(ii) 252.209-7003, Reserve Officer Training Corps and Military Recruiting on Campus--Representation. Applies to all solicitations with institutions of higher education.

(iii) 252.216-7008, Economic Price Adjustment--Wage Rates or Material Prices Controlled by a Foreign Government. Applies to solicitations for fixed-price supply and service contracts when the contract is to be performed wholly or in part in a foreign country, and a foreign government controls wage rates or material prices and may during contract performance impose a mandatory change in wages or prices of materials.

(iv) 252.225-7042, Authorization to Perform. Applies to all solicitations when performance will be wholly or in part in a foreign country.

(v) 252.225-7049, Prohibition on Acquisition of Certain Foreign Commercial Satellite Services--Representations. Applies to solicitations for the acquisition of commercial satellite services.

(vi) 252.225-7050, Disclosure of Ownership or Control by the Government of a Country that is a State Sponsor of Terrorism. Applies to all solicitations expected to result in contracts of \$150,000 or more.

(vii) 252.229-7012, Tax Exemptions (Italy)--Representation. Applies to solicitations when contract performance will be in Italy.

(viii) 252.229-7013, Tax Exemptions (Spain)--Representation. Applies to solicitations when contract performance will be in Spain.

(ix) 252.247-7022, Representation of Extent of Transportation by Sea. Applies to all solicitations except those for direct purchase of ocean transportation services or those with an anticipated value at or below the simplified acquisition threshold.

(2) The following representations or certifications in SAM are applicable to this solicitation as indicated by the Contracting Officer: [Contracting Officer check as appropriate.]

(i) 252.209-7002, Disclosure of Ownership or Control by a Foreign Government.

(ii) 252.225-7000, Buy American--Balance of Payments Program Certificate.

(iii) 252.225-7020, Trade Agreements Certificate.

\_\_\_ Use with Alternate I.

\_\_\_ (iv) 252.225-7031, Secondary Arab Boycott of Israel.

\_\_\_ (v) 252.225-7035, Buy American--Free Trade Agreements--Balance of Payments Program Certificate.

\_\_\_ Use with Alternate I.

\_\_\_ Use with Alternate II.

\_\_\_ Use with Alternate III.

\_\_\_ Use with Alternate IV.

\_\_\_ Use with Alternate V.

\_\_\_ (vi) 252.226-7002, Representation for Demonstration Project for Contractors Employing Persons with Disabilities.

\_\_\_ (vii) 252.232-7015, Performance-Based Payments--Representation.

(e) The offeror has completed the annual representations and certifications electronically via the SAM Web site at <https://www.acquisition.gov/>. After reviewing the SAM database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in FAR 52.204-8(c) and paragraph (d) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer, and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below \_\_\_ [offeror to insert changes, identifying change by provision number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR/DFARS Clause #	Title	Date	Change

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications located in the SAM database.

(End of provision)

Section L - Instructions, Conditions and Notices to Bidders

CLAUSES INCORPORATED BY REFERENCE

52.204-7	System for Award Management	OCT 2018
52.204-16	Commercial and Government Entity Code Reporting	AUG 2020
52.204-22	Alternative Line Item Proposal	JAN 2017

CLAUSES INCORPORATED BY FULL TEXT

52.003-4015 MAGNITUDE OF PROJECT

The estimated cost of the work is less than \$25,000.00.

52.222-5 CONSTRUCTION WAGE RATE REQUIREMENTS--SECONDARY SITE OF THE WORK (MAY 2014)

(a)(1) The offeror shall notify the Government if the offeror intends to perform work at any secondary site of the work, as defined in paragraph (a)(1)(ii) of the FAR clause at 52.222-6, Construction Wage Rate Requirements , of this solicitation.

(2) If the offeror is unsure if a planned work site satisfies the criteria for a secondary site of the work, the offeror shall request a determination from the Contracting Officer.

(b)(1) If the wage determination provided by the Government for work at the primary site of the work is not applicable to the secondary site of the work, the offeror shall request a wage determination from the Contracting Officer.

(2) The due date for receipt of offers will not be extended as a result of an offeror's request for a wage determination for a secondary site of the work.

(End of provision)

52.222-23 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999)

(a) The offeror's attention is called to the Equal Opportunity clause and the Affirmative Action Compliance Requirements for Construction clause of this solicitation.

(b) The goals for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Goals for minority participation for each trade	Goals for female participation for each trade
6.9% Tolland County	6.9% Nationwide

These goals are applicable to all the Contractor's construction work performed in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, the Contractor shall apply the goals established for the geographical area where the work is actually performed. Goals are published periodically in the Federal Register in notice form, and these notices may be obtained from any Office of Federal Contract Compliance Programs office.

(c) The Contractor's compliance with Executive Order 11246, as amended, and the regulations in 41 CFR 60-4 shall be based on (1) its implementation of the Equal Opportunity clause, (2) specific affirmative action obligations required by the clause entitled "Affirmative Action Compliance Requirements for Construction," and (3) its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade. The Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor, or from project to project, for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, Executive Order 11246, as amended, and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.

(d) The Contractor shall provide written notification to the Deputy Assistant Secretary for Federal Contract Compliance, U.S. Department of Labor, within 10 working days following award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the --

- (1) Name, address, and telephone number of the subcontractor;
- (2) Employer's identification number of the subcontractor;
- (3) Estimated dollar amount of the subcontract;
- (4) Estimated starting and completion dates of the subcontract; and
- (5) Geographical area in which the subcontract is to be performed.

(e) As used in this Notice, and in any contract resulting from this solicitation, the "covered area" is **Mansfield Center, CT in Tolland County**.  
(End of provision)

#### 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) Site visits may be arranged during normal duty hours by contacting:  
Name: Marc D'Amato  
Address: 141 Mansfield Hollow Road, Mansfield Center, CT 06250  
Telephone: 978.318.8898 (office), 860.268.7206 (cell)

(End of provision)

#### 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<https://www.acquisition.gov>

(End of provision)

## Informational Photos

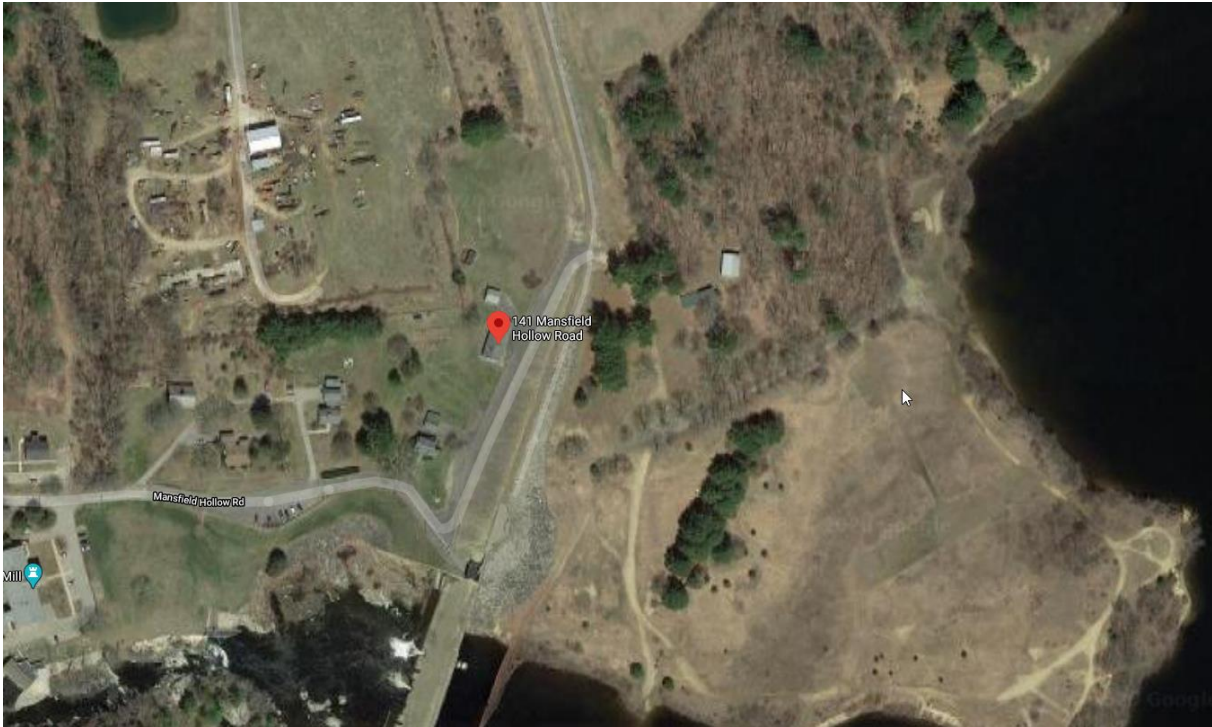


Photo 1: Overhead map view of building location

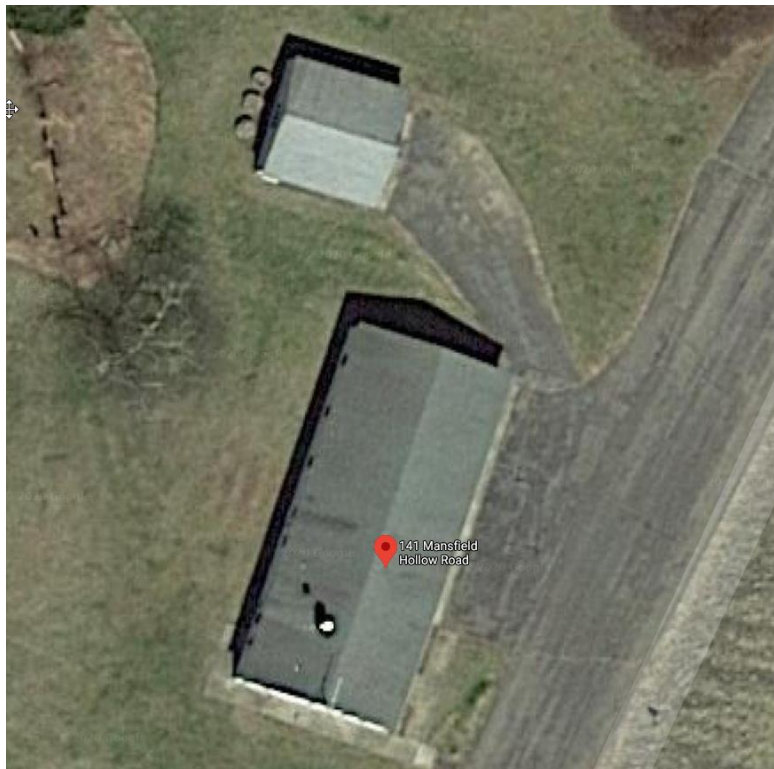


Photo 2: Overhead map view of buildings





Photo 3: Front View of Buildings



Photo 4: Side view of Utility Building



Photo 5: Rear/Side view of Utility Building



Photo 6: UB roof penetrations – chimney, plumbing vents, turbine vent



Photo 7: Garage side view #1



Photo 8: Garage side view #2

# ACCIDENT PREVENTION PLAN

**Project Name**

**Contractor Name**

**Contract Number**

**Date**

Plan Preparer (Name, Title, Phone Number, & Signature):

Plan Approver (Name, Title, Phone Number, & Signature):

Plan Concurrence (Name, Title, Phone Number, & Signature):



SIGNATURE SHEET

<u>Name</u>	<u>Signature</u>	<u>Date</u>	<u>Company</u>
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
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16.			
17.			
18.			
19.			
20.			

b. Background Information

1. Project Description and Definable Features of Work:

2. Anticipated High Risk Activities:

3. List of Equipment/Machinery to be Used Onsite:

4. Activities Hazard Analysis have been (or will be) submitted to the GDA for all the Definable Features of Work prior to initiating each phase.

c. Statement of Safety and Health Policy

1. \_\_\_\_\_ is committed to:
  - A. The safety, health, and well-being of each and every employee, to include subcontractors;
  - B. Requiring all employees to follow all aspects of the APP and additional company safety programs/policies;
  - C. Holding all managers and supervisors accountable for the safety performance and awareness of all employees under their direction;
  - D. Performing all aspects of this project in accordance with EM 385-1-1 and OSHA regulations;
  - E. Maintaining safe and healthful working conditions;
  - F. Providing all necessary protective equipment to ensure the safety and health of site employees, subcontractors, and the public;
  - G. Providing site workers with the information and training required to make them fully aware of known and suspected hazards that may be encountered;
  - H. Encouraging active involvement of employees at all levels, during the implementation and continuous improvement of the health and safety program.
  - I. Additional Safety Policy Information:



3. Contractor Safety Goals and Objectives:

4. Contractor Accident Experience (OSHA 300 forms, or equivalent) are available if requested by the GDA.

d. Responsibilities and Lines of Authority

1. The lines of authority for this project and at the corporate level are:  
(include names and titles)

2. \_\_\_\_\_ is the Site Safety and Health Officer (SSHO). He/she is responsible for enforcing the requirements of this APP for the duration of the project. The SSHO has the authority to immediately correct all areas of noncompliance and can stop work for unsafe environments.

3. \_\_\_\_\_ has submitted a 10 Hour OSHA card (or above), along with their related experience and other qualifications for review.
4. No work will be performed by \_\_\_\_\_ or any subcontractors unless the SSHO (or approved Alternate SSHO) is onsite.
5. If applicable, provide a list of Competent Persons (CPs) and their area of proficiency: Submit their trainings/qualifications for review.  
(Examples: Fall Protection, Excavation/Trenching, Confined Spaces, Scaffolding, Cranes/Rigging, etc.)
6. Policies and procedures regarding noncompliance with safety requirements. \_\_\_\_\_ 's disciplinary actions for violation of safety requirements are:

e. Subcontractors and Suppliers:

1. \_\_\_\_\_ requires its subcontractors to work in a responsible and safe manner. Subcontractors for this project will be required to adhere to applicable requirements set forth in the EM 385-1-1 and this APP.



3. The following are mandatory trainings and certifications applicable to this project: (Examples: Crane Operators, CDL, Diver, SPRAT, etc.)

4. All site personnel have been briefed on the sites emergency response procedures. This includes but is not limited to:

A. Emergency Responsibilities, Communications, & Procedures:

B. Rally point(s):

C. Emergency Phone Numbers (Refer to Page 2 of the APP)

D. Locations of emergency equipment:

E. A map to closest medical facility is included with the APP.

F. Additional Emergency Information:

5. First Aid/CPR certificates, in accordance with EM 385-1-1 Section 03.A.02, have been submitted for two onsite employees:

a.

b.

6. Safety meetings/toolbox talks will be held by the SSHO/Competent Person: \_\_\_\_\_, on a weekly basis or at the beginning of each new phase of work (whichever is sooner). Minutes will be documented and will include: attendee's names, meeting duration, and topics discussed.

g. Safety and Health Inspections:

1. Daily safety and health inspections will be performed in accordance with EM 385-1-1, Section 01.A.13. These inspections will be conducted by the SSHO/Competent Person: \_\_\_\_\_. All inspections must be documented and any deficiencies that cannot be immediately corrected will be tracked on the deficiency log below, or equivalent.

2. List any anticipated external inspections (EPA, OSHA, State, other Federal Agencies, etc.):

3. Deficiency Log/Corrective Actions:

Date Found   Date Corrected

h. Mishap Reporting and Investigation:

1. \_\_\_\_\_ is responsible for reporting the exposure data (man-hours worked) to the GDA no later than close of business on the 5<sup>th</sup> calendar day of the following month.
  
2. All accidents and near misses will be investigated by the Contractor. All work-related recordable injuries, illnesses and property damage accidents (excluding on-the-road vehicle accidents), in which the property damage exceeds \$5,000.00, will be verbally reported to the GDA within 4 hours of the incident. Serious accidents as described in EM 385-1-1 Section 01.D shall be immediately reported to the GDA. ENG Form 3394 shall be completed and submitted to the GDA within five working days of the incident.
  
3. \_\_\_\_\_ is responsible for completing the accident notifications, investigations, and reports.

i. Plans, Programs, and Procedures:

1. Additional site-specific plans (listed in EM 385-1-1, Appendix A, Section i) are required to be included as amendments to this APP. Only the plans applicable to the work being performed are required to be submitted. A few common plans include but are not limited to:
  - A. Fall Protection and Prevention
  - B. Excavation/Trenching
  - C. Tree Felling and Maintenance
  - D. Confined Space Entry
  - E. Rope Access Work
  - F. Hazardous Energy Control (Lockout/Tagout)
  - G. Crane/Load Handling Equipment
  - H. Lead Compliance
  - I. Asbestos Abatement
  - J. Hazard Communication

Other Remarks:

# Emergency Action Plan for Minor Contracts

**Project Name**

**Contractor Name**

**Contract Number**

**Date**

Competent Person (Name, Title, Phone Number, & Signature):





CONTRACTOR EMPLOYEE SIGNATURE SHEET

<u>Name</u>	<u>Signature</u>	<u>Date</u>	<u>Company</u>
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

3. First Aid/CPR certificates, meeting the requirements of EM 385-1-1 Section 03.A.02, have been submitted for two onsite employees:

a.

b.

4. Other site specific remarks:

5. Deficiency Log/Corrective Actions:

Date Found   Date Corrected

6. Mishap Reporting and Investigation:

- a. \_\_\_\_\_ is responsible for reporting the exposure data (man-hours worked) to the GDA no later than close of business on the 5<sup>th</sup> calendar day of the following month.
  
- b. All accidents and near misses will be investigated by the Contractor. All work-related recordable injuries, illnesses and property damage accidents (excluding on-the-road vehicle accidents), in which the property damage exceeds \$5,000.00, will be verbally reported to the GDA within 4 hours of the incident. Serious accidents as described in EM 385-1-1 Section 01.D shall be immediately reported to the GDA. ENG Form 3394 shall be completed and submitted to the GDA within five working days of the incident.
  
- c. \_\_\_\_\_ is responsible for completing the accident notifications, investigations, and reports.

**\*\*Attach site-specific and applicable AHA's to this form\*\***

# ACTIVITY HAZARDS ANALYSIS

Print Form

Overall Risk Assessment Code (RAC)  
(Use highest code)

Date:  Project:

Activity:

Activity Location:

Prepared By:

## Risk Assessment Code Matrix

E = Extremely High Risk  
H = High Risk  
M = Moderate Risk  
L = Low Risk

		Probability				
		Frequent	Likely	Occasional	Seldom	Unlikely
S e v e r i t y	Catastrophic	E	E	H	H	M
	Critical	E	H	H	M	L
	Marginal	H	M	M	L	L
	Negligible	M	L	L	L	L

### Add Identified Hazards

	JOB STEPS	HAZARDS	ACTIONS TO ELIMINATE OR MINIMIZE HAZARDS	RAC
X				
X				
X				
X				
X				

### Add Items

	EQUIPMENT	TRAINING	INSPECTION
X			
X			
X			
X			
X			
X			
X			

