

**PART 1 GENERAL**

**1.01 RELATED SPECIFICATIONS SECTIONS:**

The contractor shall comply with all applicable federal, state, and local statutes, Department of Defense Instructions, Air Force Instructions, manuals, handbooks, regulations, guidance, and policy letters, including but not limited to:

1. UFC 1-200-01 DoD BUILDING CODE (General Building Requirements)
2. UFC 1-200-02 High performance and Sustainable Building Requirements, with Change 2
3. UFC 3 110 03 ROOFING Change 5, 12 June 2020
4. UFGS DIVISION 07 - Thermal and Moisture Protection
5. National Roofing Contractors Association (NRCA) Roofing Manuals to include all changes and amendments in effect on the date of issuance of each TO.

**1.02 WORK INCLUDED**

1. The Contractor shall furnish all labor, materials, tools, supervision, equipment, and operations necessary to complete the standing seam metal roof (SSMR) replacement at (Bldg. B90232) Hurlburt Field, FL, in accordance with the contract drawings and specifications. The scope of work includes, but is not limited to, the provision and installation of the following:

<b>Component Category</b>	<b>Included Items</b>
Roofing Materials	SSMR fascia and roof panels, soffits, underlayment, slip sheets, insulation, fasteners, and welding.
Flashing & Joints	Exposed metal flashing at building corners, rakes, eaves, junctions between metal siding and roofing, valleys, slope/direction changes, and building expansion joints.
Structural Supports	Repair or replacement of any damaged metal beam support systems for the fascia and soffits (including screens, if required).
Weatherproof	Anchor clips, joint sealers, fillers, and gaskets necessary for the complete weatherproof performance of the metal roof panel system.
Drainage	Gutters, downspouts, and concrete splash blocks.

All work must be fully completed in accordance with the Contract Documents. The Contractor must comply with the Hurlburt Field Installation Facilities Standards (IFS) dated 14 Dec 2018, as well as all applicable UFC, UFGS, and NRCS codes and regulations pertaining to roof construction.

2. The Contractor shall carefully coordinate roof demolition with the installation of the new roof system to ensure continuous protection of the building's interior during the replacement process. Special precautions must be taken during adverse weather conditions. The installation, maintenance, and subsequent complete removal of any temporary roofing required due to weather is the sole responsibility of the Contractor.

### 1.03 WORK DESCRIPTION

1. The work to be performed encompasses, but is not limited to, the following principal features:  
Building 90232 (Approximately 38,703 SF)
  - A. The Contractor shall execute the following preparation, demolition, and removal tasks for Bldg. 90232:

<b>Action</b>	<b>Description of Work</b>
Lightning Protection	Salvage & Preservation: Systematically remove and store existing lightning protection hardware—including rods, mounting bases, and cabling—ensuring all components are preserved for future reinstallation.
Solar Array	Decommissioning: Carefully uninstall and store the rooftop solar panel array. Ensure all interconnected equipment is protected and staged to maintain operational integrity for reinstallation.
Demolish & Dispose	All standing seam metal roof (SSMR) fascia, roof panels, soffits, flashing, and trim.
Demolish & Dispose	All roof vents at the ridge and all gaskets at roof penetrations.
Demolish & Dispose	All slip sheets, insulation materials, and underlayment materials.
Flash over & abandon	All internal gutters and downspouts.
Demolish & Dispose	All damaged purlin support systems, as identified and required.

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### INSTALLATION AND CONSTRUCTION

2. The Contractor shall furnish and install all materials and components necessary to provide a complete, weather-tight standing seam metal roof (SSMR) system. All installations must adhere to Hurlburt Field Installation Facilities Standards (IFS), UFC, and UFGS regulations.

<b>Category</b>	<b>Requirement Description</b>
Structural Support	Furnish and install a new metal SSMR spacers over the entire roof decking.
Waterproofing	Install new underlayment, vapor retarder, slip sheets, and insulation over the entire roof decking surface.

Roofing System	Furnish and install new SSMR roof and fascia panels.
Penetrations	Install new roof vents at the ridge and replace all gaskets at roof penetrations.
Flashing & Trim	Install new flashing and trim per IFS, UFC, and UFGS standards. Ensure all metal flashing is properly crimped and applied with required caulking/sealant.
Drainage System	Install new external gutters and downspouts, including concrete splash blocks at each downspout location.
Lightning Protection	Restore the lightning protection system to full operational status using a combination of salvaged and new components as required. Certify that the system is fully operational and compliant with current safety standards.
Solar Array	Solar Array Recommissioning: Systematically reinstall the rooftop solar panel array. Reconnect and verify all associated equipment to restore full operational capability and system integrity.

#### **WARRANTIES AND CERTIFICATION**

3. The Contractor shall provide the following warranties upon completion of the project:

<b>Warranty Type</b>	<b>Duration / Requirement</b>
Construction Warranty	5-year Contractor Construction Installation Warranty.
Weather Seal Warranty	20-year Watertight Weather Seal Warranty meeting base specification requirements.
Lightning Certification	Formal certification that the restored lightning protection system is properly functioning and meets code.

#### **1.04 SUBMITTALS**

1. The Specifications are the governing document in determining the required submittal items.

#### **1.05 CONTRACTOR USE OF SITE AND PREMISES**

1. The construction site shall always be kept neat and orderly. The contractor shall remove debris from the site daily.

#### **1.06 DISPOSAL**

1. All demolition materials and debris shall be loaded onto trucks immediately for removal from site as required. It shall be the responsibility of the contractor to provide the trucks and for the

selection of the dumpsite. Provide Contracting Officer with name of approved dumpsite, if requested.

**1.07 STORAGE AREA**

1. Storage area or areas will be coordinated at the Pre-Construction conference.
2. The Contractor is solely responsible for the security of materials located within the storage area.

**1.08 SAFETY**

1. The pertinent sections of the following publications are applicable to all work on this project.
  - a. U.S. Army Corps of Engineers: EM 385-1-1, Safety and Health Requirements Manual.
  - b. Air Force Instruction (AFI) 91-301.
2. The Contractor shall safety barricade as necessary all excavations and hazards.

**1.09 HAUL ROUTE AND LITTER**

1. The Contractor shall utilize the most direct route to the delivery point.
2. Upon completion of work, remove all trash, shipping cartons. Construction debris, etc. and dispose of off-site.

**1.10 PERMITS**

1. AF Form 103, Civil Engineering Work Clearance Request
2. ERP 62-346, Environmental Resource Permit if project does not meet exemption criteria.
3. NPDES 62-621 Storm Water Pollution Prevention if project disturbs 1 acre or more of land.

**1.11 PHASING AND TRAFFIC CONTROL**

1. The Contractor shall work continuously and sequentially on this project.
2. The Contractor will submit a proposed project schedule for approval within 5 calendar days of the Notice to Proceed.

**PART 2 PRODUCTS**

**2.01 ACCEPTABLE MATERIALS**

1. Contractor shall refer to the IDIQ specifications for guidance in selecting appropriate materials to accomplish the work.

**2.02 ALTERNATIVE MATERIALS**

1. If Contractor suggests the use of a specific material not listed in the specifications, which the Government might consider lessening the cost or increase the utility or appearance of the facility, the contractor may submit that material listed as a substitution for the Government to evaluate.

**PART 3 EXECUTIONS**

**3.01 INSPECTION**

1. The contractor shall make a representative available to the Government on site to answer questions which may arise.
2. The Government representatives will be allowed free access to the site in its entirety.

**3.02 HOURS OF WORK**

1. The normal hours of a workday shall be between 7:00 A.M. and 4:00 P.M., Monday through Friday, except holidays. The contractor may elect, in his option, to work hours other than normal duty hours if approved by the Contracting Officer. All work time, other than normal working days, shall be requested in writing, 3 days in advance.

**3.03 PHOTOGRAPHS**

1. Photographs are not required to be submitted but are highly recommended.

**3.04 QUALITY CONTROL**

1. The contractor shall establish and maintain quality control to assure compliance with Contract Documents, and provide records of his quality control for materials, equipment, and construction operations.
2. The Contractor is solely responsible for quality control on this project. A quality control representative will be appointed by the Contractor and will be on-site daily to assure the work accomplished meets the specifications.

**3.05 AS-BUILT DRAWINGS**

1. Prior to final inspection the contractor shall:
  - a. Submit original record shop drawings to Contracting Officer. Contractor is advised to have a reproduced copy of the original record shop drawings made for their records.
  - b. Obtain Disc copies of the contract shop drawings in AUTOCAD 2020 format. Correct drawing files (sheets) to reflect all as-built conditions based on the changes made as per item C. below. Add the words "AS BUILT" to the revision block of each sheet title block, the date the drawings were changed and the initials of the person making the change.
  - c. Submit one set of full-size prints of the corrected contract drawing files to allow Base Civil engineer to verify accuracy of the corrected drawings against the record documents.
  - d. Upon review and approval of the corrected contract shop drawing files, provide disc copies to the government for their records.

**3.06 INFORMATION CARD**

1. For each roof, furnish an Adobe Acrobat formatted letter sized PDF and shall contain the information listed on Roof IDIQ SOW –Specs.

**FORM 1, ROOFING SYSTEM DESCRIPTION**

1. Location \_\_\_\_\_ 2. Bldg. Name \_\_\_\_\_
3. Bldg. No. \_\_\_\_\_ 4. Roof Area (SF) \_\_\_\_\_ 5. Contract No. \_\_\_\_\_
6. New Construction:  Yes  No 7. Deck Slope: \_\_\_\_\_
8. Type of Deck:
- Metal  Wood Plank or Plywood
  - Cast-In-Place Concrete  Other ( \_\_\_\_\_ )
  - Precast/Prestressed Concrete
9. Type of Insulation Board:
- Polyisocyanurate
  - Polyisocyanurate/Composite
10. Insulation Manufacturer: \_\_\_\_\_
11. Insulation Thickness: \_\_\_\_\_
12. Vapor Treatment: Total coverage  Yes  No
- No Vapor Retarder  Bituminous Vapor Retarder
  - One Way Roof Vents  Laminated Kraft Paper ( \_\_\_\_\_ )
  - Other \_\_\_\_\_
13. Vapor Treatment Manufacturer(s): \_\_\_\_\_
14. Roofing Type:
- Modified Bitumen
15. Roofing Manufacturer: \_\_\_\_\_
16. Roofing Installer/Warrantor: \_\_\_\_\_
17. Roofing Application Method: ( \_\_\_\_\_ )
- Torched
  - Cold Applied
18. Warranty Period: From \_\_\_\_\_ To \_\_\_\_\_
19. Warranty Serial Number: \_\_\_\_\_
20. Date Roofing Completed: \_\_\_\_\_ 21. Inspector: \_\_\_\_\_
21. Prime Contractor Name/Address: \_\_\_\_\_
22. Signature: \_\_\_\_\_ Date: \_\_\_\_\_

END OF DELIVERY ORDER