STATEMENT OF WORK

FOR

Maintain and Repair Pavement & Striping
AFRL & DFAS

PREPARED BY AFRL/RIOC

AIR FORCE RESEARCH LABORATORY
ROME RESEARCH SITE
ROME, NEW YORK

PROJECT NR: ULDF260410 **DATED**: 29 MAY 2026

PROJECT REQUIREMENTS

1. SCOPE:

The work covered under this Contract consists of furnishing all labor, equipment, and materials and performing all work required to repair, pave, stripe, and associated work on the pavement areas for the Air Force Research Labs (AFRL) and Defense Finance Accounting Service (DFAS). An Air Force Form 103, Base Civil Engineering Work Clearance Request must be completed for this project.

1.1 Work area description: The work area consists of numerous coldmill asphalt repair patches located around the entire RRS. After all site work is completed, delineated parking spaces as well as pavement markings are to be laid as identified. Additionally, new sidewalk sections are to be installed at the DFAS west and south parking lots as well as install a new catch basin in the west perimeter road.

1.2 Work is based on the following line items:

CLIN 0001: AFRL Pavement Repairs (Sheets C-100 - C-102 & C-105)
CLIN 0002: AFRL Striping (Sheets C-200 - C-203)
CLIN 0003: DFAS Pavement Repairs and Striping (Sheets C-103, C-104, & C-204 – C-206)

2. ITEMS OF WORK:

2.1 An Air Force 103, Base Civil Engineering work clearance, must be completed for this project. Contractor to verify that existing underground utilities in the area prior to commencing excavation.

2.2 All work to be performed during duty hours. That is, work is to be performed Monday through Friday, 0600 to 1800 hours. Work can be performed during non-duty hours but must be approved and coordinated with AFRL RRS CE and Security Forces prior to start.

2.3 Prior to the start of construction, contractor must submit a construction schedule that must be approved by AFRL Civil Engineering.

2.4 <u>Coldmill Asphalt Repair:</u>

2.4.1 Contractor to perform 2" & 4" Coldmill spot asphalt repair as identified on drawings.

2.4.2 Apply asphaltic tack coat, NYSDOT Item 407.0103 over the pavement surface at an application rate of a minimum of 0.05 gallons per square yard. The tack coat should be applied immediately before the placement of the top course.

2.4.3 For 2” coldmill asphalt repairs install 2” asphalt top course, NYSDOT item 402.127303 in a single lift. Compaction shall be specified in table 402-6 of section 402 on the NYSDOT Standard Specifications utilizing the 80 series compaction method.

2.4.4 For 4” coldmill asphalt repairs Install 2.5” binder course, NYSDOT item 402.257903, and 1.5” asphalt top course, NYSDOT item 402.127303 in a single lift. Compaction shall be specified in table 402-6 of section 402 on the NYSDOT Standard Specifications utilizing the 80 series compaction method meeting NYSDOT Standard Specification section 402

2.5 Asphalt Patch Repair:

2.5.1 Contractor to saw cut in accordance with section 633-3.03 of the NYSDOT Standard Specifications, giving a clean joint line for the new HMA pavement.

2.5.2 Subgrade and Subbase NYSDOT item 304.12 to be compacted in accordance with section 203-3.03C of the NYSDOT Standard Specifications. Contractor is responsible for ensuring that the moisture content of the subgrade and subbase material is adequate to meet compaction requirements.

2.5.3 Install 2.5” binder course, NYSDOT item 402.257903, and meeting NYSDOT Standard Specification section 402.

2.5.4 Apply asphaltic tack coat, NYSDOT Item 407.0103 over the pavement surface at an application rate of a minimum of 0.05 gallons per square yard. The tack coat should be applied immediately before the placement of the top course.

2.5.5 Install 1.5” asphalt top course, NYSDOT item 402.127303 in a single lift. Compaction shall be specified in table 402-6 of section 402 on the NYSDOT Standard Specifications utilizing the 80 series compaction method.

2.6 Pavement Joint Sealing:

2.6.1 The joint must be free of moisture, dust, and loose aggregate prior to filling Hot-Applied rubberized asphalt crack and joint sealant shall meet ASTM D-5329 specifications and be Seamaster® Crackmaster Supreme or approved equal.

2.6.2 Joint sealant shall be applied with an oil-jacketed melter capable of heating sealant to a minimum of 400*F.

2.6.3 Final sealant level must never be above existing pavement surface. If final joint sealant is above pavement surface, remove excess with heated blades.

2.6.4 The ambient air and pavement temperature must be above 50°F before commencing filling operations.

2.7 Pavement Striping:

2.7.1 Layout and paint parking stalls, hatching, and symbols as shown. Paint shall be applied by a mechanized striping machine capable of applying consistent markings. Hand-applied or manual paint stripers will not be allowed.

2.7.2 All Parking stalls, Hatched off no parking areas, Stop bars **(Including "STOP" lettering)**, Pavement lettering, and Traffic Arrows are to be Latex Yellow paint meeting NYSDOT specification 727-03.

2.7.3 All Crosswalks to be Latex White paint meeting NYSDOT specification 727-03.

2.7.4 All Crosswalks, Stop Bars (Including "STOP" lettering) is to be Reflectorized using Type 3 Glass Beads meeting NYSDOT specifications 727-05.

2.8 Concrete Sidewalk:

2.8.1 Provide new sections of sidewalk identified on drawing C-103 & C-104.

2.8.2 Provide and install new 4" concrete sidewalk section with a minimum compressive strength of 3500 psi at 28 days. Concrete sidewalk to be installed where damaged sidewalk section was removed.

2.8.3 Sidewalk forms are to be steel channel formed sections with a flat-top surface and welded braces at each end and at not less than two intermediate points. Use forms with interlocking and self-aligning ends. Sidewalk forms must be equal height equal to the full depth of the finished sidewalk.

2.8.4 Detectable warning plates are to be installed in new concrete sidewalk sections where sidewalk meets roadway and parking lots.

2.9 Restoration and Clean-up:

2.9.1 Protection, Restoration and Clean Up: Protect and restore all surfaces or objects to remain including, but not limited to, existing pavement surfaces, trees and vegetation, fences, posts, utilities, and lawn areas.

2.9.2 Remove all debris piles and materials from the site following project completion. All material, containers, equipment, and vehicles shall be located a minimum of 80 feet (25 meters) from any structure or building.

2.9.3 Install of topsoil and seed all areas disturbed lawn areas with guaranteed growth for 1 year.

3. SUBMITTALS:

1. Construction Schedule
2. Portland Cement Concrete – Approved supplier certification.
3. Geotextile - manufacturer's data sheet
4. HDPE Pipe – approved manufacture's certification
5. Frames and Gates – foundry approved data sheet
6. Flexible drainage structure connections – Approved manufacture's certification.
7. Asphaltic Tack Coat – approved manufacturer's certification.
8. Asphalt Binder Course and Top Course – NYSDOT approved supplier certification.
9. Rubberized Asphalt Crack and Joint Sealant – manufacturer's data sheet.
10. Epoxy Reflectorized Paint – manufacturer's data sheet.
11. Hazardous Materials List
12. Safety Data Sheets (SDS)