PERFORMANCE WORK STATEMENT (PWS)
For
Joint Base Myer-Henderson Hall Logistics Readiness Center
Fire Emergency Vehicle Maintenance

PART 1
GENERAL INFORMATION

1.1 Description of Services/Introduction: The contractor shall provide all personnel, equipment, tools, materials, supervision, facilities and other items and non-personal services necessary to perform annual preventive maintenance service and warranty repairs on fire apparatus under warranty as defined in this Performance Work Statement. Only contractors authorized by vehicle manufacturer are authorized to provide warranty repairs. Contractor must provide proof of authorization to COR or designated representative before proceeding with repair. The contractor shall perform to the standards in this contract. The contractor's location shall not be more than 25 miles outside of JBMHH, Fort Myer VA.

1.2 Background: The mission of the Logistics Readiness Center is to provide off-site contractor maintenance repair for non-tactical equipment and commercial government owned vehicles for supported activities throughout Joint Base Myer-Henderson Hall and Fort Leslie McNair. Specific equipment repaired and serviced at Contractor's repair facility includes but limited to light automotive vehicles, heavy mobile equipment, fire trucks and apparatus, power generation equipment, automotive air conditioning systems, heavy construction equipment, all types of trailers, all types of commercial vehicles and equipment that supports the maintenance of fire emergency vehicles. The contractor shall also provide technical inspections, estimate cost of damage, load tests, classifications, and technical assistance for customer's equipment, when requested.

1.3 Scope: The contractor(s) will provide a full range of preventive maintenance, warranty repairs, and technical support services that the LRC may need at vendor or customer location, in order to maintain fire emergency vehicles such as Emergency Standard and Airfield Fire Trucks that provide service to Pentagon helicopter landing pad.

1.4 Period of Performance: The period of performance shall be for a twelve (12) month base year and four (4) twelve-month option years in accordance with Federal Acquisition Regulation (FAR) 52.217-9, Option to Extend the Term of the Contract. Additionally, a six-month extension period will be exercised IAW FAR 52.217-8, Option to Extend Services.

The Period of Performance reads as follows:

Base Year: 26 Oct 2025 – 25 Oct 2026
Option Year 1: 26 Oct 2026 to 25 Oct 2027
Option Year 2: 26 Oct 2027 to 25 Oct 2028
Option Year 3: 26 Oct 2028 to 25 Oct 2029
Option Year 4: 26 Oct 2029 to 25 Oct 2030
52.217-8 Option: 26 Oct 2030 to 25 Oct 2030

1.5 General Information

1.5.1 Quality Control: The contractor shall develop and maintain an effective quality control program to ensure services are performed in accordance with this PWS. The contractor shall develop and implement procedures to identify, prevent, and ensure non-recurrence of defective services. The contractor's quality control program is the means by which he assures himself that his work complies with the requirement of the contract. As a minimum, the contractor shall develop quality control procedures that address the areas identified in "Performance Requirements Summary". After acceptance of the quality control plan the contractor shall receive the contracting officer's acceptance in writing of any proposed change to his QC system. The QC Plan is to be delivered no later than 15 days after receipt of proposal.

1.5.2 Quality Assurance: The government shall evaluate the contractor's performance under this contract in

accordance with the Quality Assurance Surveillance Plan. This plan is primarily focused on what the Government must do to ensure that the contractor has performed in accordance with the performance standards. It defines how the performance standards will be applied, the frequency of surveillance, and the minimum acceptable defect rate(s).

1.5.3 Recognized Holidays: Unless otherwise directed by the customer, with the exception of an emergency, the contractor is not required to perform any maintenance on the following eleven (11) Federal holidays:

New Year's Day
Martin Luther King Jr.'s Birthday
President's Day
Memorial Day
Independence Day
Labor Day
Columbus Day
Veteran's Day
Juneteenth
Thanksgiving Day
Christmas Day

1.5.4 Hours of Operation/Place of Performance: The preponderance of services of this contract will be performed at the vendor's location, with subsequent Annual Preventive Maintenance services that will be conducted on-site at Joint Base Myer-HH Fire Station 108 Sheridan Avenue Fort Myer, VA 22211 with the COR depending on the complexity of service required. The government will plan and decide the workload outsourced to the vendor maintenance facility, based on internal technical inspections, equipment proprietary repairs, and complexity of work to be performed. Vendors location shall not be outside of a 25-mile range to make it manageable to transport vehicles from one location to the other.

1.5.5 Type of Contract: The government anticipates award of a Firm-Fixed Price Blanket Purchase Agreement (BPA), where that price being the unit price set forth in the established price schedule.

1.5.6 Security Requirements: There are no Antiterrorism (AT)/OPSEC and CTIP requirements for this contract.

1.5.6.1 PHYSICAL Security The contractor shall be responsible for safeguarding all government property. Damages to vehicle, components, and equipment shall be repaired, and or replaced at contractor's expense.

(1) INSURANCE: The Contractor, at the Contractor's expense, agrees to maintain, during the continuance of this contract, vehicular liability and general public liability insurance with limits of liability for-Bodily injury of not less than $__for each person and $_____for each occurrence; and (See below)

(2) Property damage of not less than $_____for each accident and $_____in the aggregate. (See below)

As required by state laws
Employer's Liability Insurance $100,000
General Liability Insurance $500,000 per occurrence
Bodily Injury Liability
Auto Liability Insurance $200,000 per person
Bodily Injury $500,000 per occurrence
Property Damage $ 20,000 per occurrence

Contractor shall provide proof of insurance IAW 52.228-5 30 days prior to contract performance start date and shall provide proof of insurance for every year the agreement is in place which shall include the renewal and expiration of the current insurance certificate.

1.5.6.2. *Search and Seizure*: Contractor personnel and property shall be subject to search and seizure upon entering the confines of Joint Base Myer-Henderson Hall to pick-up or drop off vehicles for maintenance or repair.

1.5.6.3. *Base/Facility Access:* The Contractor shall be responsible for ensuring that all contractor personnel authorized to perform work under this contract can obtain base/facility access while picking up or dropping off vehicles or equipment requiring maintenance or repair. All Contractor employees shall have on them, at all times, positive, photographic identification. The Contractor shall carry vehicle passes issued by Joint Base Myer-Henderson Hall for

all vehicles entering the base, whether company-owned or an employees' private vehicles. The Contractor Site Manager shall maintain a current list of all vehicles and individuals issued such passes.

1.5.7 Special Qualifications: The contractor shall ensure that employees have specialized permits, licenses, and certifications required to operate equipment under this contract. The contractor shall operate and maintain all equipment in a safe manner in accordance with AR 385-10. The contractor shall not use any U.S. Government owned tools, materials, or parts to maintain contractor equipment without prior written approval of the KO and COR. Contractor-furnished equipment or items, inoperable or unserviceable for any reason, must be removed from the U.S. Government's Installation within 10 business days after failure. The condition of contractor-furnished equipment shall not relieve the contractor of any responsibility to provide services as required in this contract. The contractor shall immediately notify the KO and COR, in writing, of circumstances regarding delay of work due to equipment or material problems.

1.5.7.1 The contractor personnel shall establish and maintain *professional licenses or annual certification* in the following areas: Automotive Service Excellence (ASE), Emergency Vehicle Technician (EVT), and Pierce Certified Master Technician related certifications valid in State work of work performance. The contractor is responsible for ensuring all employees possess and maintain current certification during the execution of this contract.

1.5.8 Contract Manager or other primary Point of Contact (POC). The Contractor shall provide a Contract Manager or primary POC to the Contracting Officer and COR for interface and that POC shall be responsible for the performance of the provided service or work. The Contractor shall also identify any alternates that shall be responsible for the performance of the provided service in absence of the primary POC. The contract manager or alternate shall have full authority to act for the contractor on all contract matters relating to daily operation of this contract.

1.5.9 Contracting Officer's Representative (COR): The COR will be nominated by the requiring activity and appointed by the contracting officer by separate letter. A copy of the COR's appointment letter will also be sent to the awarded Contractor, identifying the designated duties and limitations of the COR. The CORs' designated duties will describe the level of responsibility (inspection only – or inspection and acceptance) and what technical or administrative aspects of the contract are to be monitored. The COR's oversight responsibilities are not limited to the QASP since all listed contract requirements or tasks are expected to be met by the contractor at all times, the COR is authorized to conduct oversight on any and all tasks or requirements and report observations to the Contracting Officer. The COR is not authorized to change any terms or conditions in the contract that pertain to cost, schedule, performance, quality, quantity, or other legal aspects of the resulting order.

DEFINITIONS & ACRONYMS

Acceptable Quality Level (AQL): The maximum percent defective, maximum number of defects per hundred units, or number of defects in the lot that can be considered satisfactory on the average, or degree of deviation from perfect performance for such specific contract requirement before the Government will consider contract performance unacceptable. As long as the defective performance does not exceed the AQL, the Government will not reject the service. An AQL does not imply that the contractor may knowingly perform in an unsatisfactory manner. It implies that the Government recognizes that defective performance sometimes happens unintentionally.

Actual Parts Manufacturer - A manufacturer of automotive parts supplied directly to original equipment manufacturers for incorporating into the production vehicle and/or resale as replacement parts.

Contract Data Requirements List (CDRL) – Data required to be submitted by the contractor to the Government.

Contract Deficiency Report (CDR) – A report used to document unsatisfactory contractor performance in accordance with the Performance Requirement Summary. The CDR requires the contractor to explain, in writing, why performance is unsatisfactory; how performance shall be returned to satisfactory levels; and how recurrence of the problem shall be prevented in the future.

Emergency - Work stoppage situation in which man-hours are being lost due to equipment down time, e.g., mechanized material handling equipment (MHE) not functioning resulting in mission impairment.

Emergency Repair Calls - Unscheduled maintenance requirements that require immediate response for repair.

Field Maintenance – Maintenance operations performed in accordance with AR 750-1.

Field Service - Field service is defined as providing field mobile scheduled and unscheduled maintenance for equipment that, because of design or immobility, cannot economically be delivered to the repair facility.

Interim Maintenance - Interim or unscheduled maintenance service is the correction of equipment deficiencies that occur between scheduled preventative maintenance inspections.
Inter-service Support Agreement (ISSA) – Used to establish which materiel or services one Government agency has agreed to provide another Government agency, along with agreed reimbursement.

Maintenance Action - Any action taken to keep equipment in a serviceable condition or to restore it to its original intended purpose. Maintenance of equipment includes inspecting, servicing, testing, and repairing.

Materiel Maintenance – The function of sustaining materiel in an operational status, restoring it to a serviceable condition, or updating its functional usefulness through modification or other alteration.

Pass-back – Back-up maintenance support provided to tactical units that are unable to maintain their own equipment.
Quality Assurance - Those actions taken by the Government to assure that the quality of purchased goods and services rendered are acceptable in accordance with established standards and requirements of the contract.

Quality Assurance Specialist (QAS) - A Government representative responsible for performing surveillance and inspection of contractor performance.

Rework Job – A job that was not accepted by the Government because tasks were not properly performed.

Scheduled Maintenance - Maintenance that is scheduled at prescribed intervals.
Technical Inspection (TI) – Inspections of equipment and weapons to determine whether they are serviceable for continued use, whether repairs are necessary, whether repairs in process are being performed properly, and whether all required repairs were performed satisfactorily.

Temporary Workplaces – All buildings external to the main LRC buildings, to include motor pools used by the contractor while the unit is deployed. All buildings will be located on West Point or its area of support, and all places will be Government owned.

Test, Measurement, and Diagnostic Equipment (TMDE) – Any system or device capable of being used to evaluate the operational condition of a system or equipment to identify and isolate any actual or potential malfunction.

The Army Maintenance Management System (TAMMS) – The Army's prescribed method for preparation and administration of forms and records required to manage maintenance, control the use of, and report warrant actions and deficiencies on Army equipment (DA PAM 750-8).

Unscheduled Maintenance - Maintenance and repair that occurs other than in accordance with scheduled maintenance service.
Warranty Maintenance: The work performed by the manufacturer of the equipment or his authorized representative to correct, by replacement or repair, deficiencies that occur during the manufacturer's warranty period to parts, subassemblies, and components covered by the provisions of warranty.

Planned – Predictable work requirements that were previously planned or programmed. This includes cyclical multi-year surge requirements that result in normal workload fluctuations.

Unplanned – Unpredictable work requirements that had not been previously planned or programmed but require prompt attention and must be added to, integrated with, or substituted for previously scheduled normal workloads.

Surge – The ability to rapidly accelerate production to meet unplanned workload requirements due to a rapid or abrupt escalation in military requirements with existing facilities and equipment.

Fluctuation: An instance of change (increase or decrease) in the normal workload that may require temporary shifting of personnel resources to satisfy the changing needs or priorities.

PWS – Performance Work Statement

Contracting Officer's Representative (COR): A representative from the requiring activity assigned by the Contracting Officer to perform surveillance and to act as liaison to the contractor

Defective Service. A service output that does not meet the standard of performance associated with it in the Performance Work Statement.

Quality Assurance Surveillance Plan (QASP). An organized written document specifying the surveillance methodology to be used for surveillance of contractor performance.

Quality Control. Those actions taken by a contractor to control the performance of services so that they meet the requirements of the PWS.

Quality Assurance. Those actions taken by the government to assure services meet the requirements of the Performance Work Statement.

ASE - Automotive Services Excellence

EVT - Emergency Vehicle Technician

NFPA - National Fire Protection Association

PART 3
GOVERNMENT FURNISHED PROPERTY, EQUIPMENT, AND SERVICES

3.1. Services: None.

3.2 Facilities: None

3.3 Utilities: None

3.4 Equipment: None

PART 4
CONTRACTOR FURNISHED ITEMS AND SERVICES

4.1 General: The Contractor shall furnish all supplies, equipment, facilities, and services required to perform work under this contract that are not listed under Part 3 of this PWS.

4.2. Materials. The Contractor shall provide all repair parts and supplies necessary to complete repair as outlined in this PWS.

4.3. Equipment. The Contractor shall provide all tool and equipment necessary to perform repairs.

PART 5
SPECIFIC TASKS

5.0 **BASIC SERVICES.** The Contractor shall provide recurring annual maintenance services, safety inspections and unscheduled (repair) maintenance as needed for U.S. Government owned fire emergency vehicles service and supply repair parts for such maintenance in accordance with this PWS. It is the contractor's responsibility to perform all required work in accordance with applicable norms and regulations.

5.1 The contractor shall provide authorized manufacturer warranty repairs and Annual Preventive Maintenance (PM) Services. The contractor shall inspect and service the following:

5.1: FRAME AND SUSPENSION

- Inspect all frame rails and members for:
  - Defects
  - Structural integrity
  - Corrosion
  - Perforations
  - Missing or loose parts
- Inspect suspension components, including:
  - Springs and spring hangers
  - Air springs (bags), mounting brackets, and attaching hardware
  - Equalizer beams and torque arm shock absorbers
  - Lubricate as needed
- Ensure proper alignment of the frame and suspension.

5.2: AXLES, TIRES, and WHEELS

- Conduct repairs and services on all axles, tires, and wheels in accordance with NFPA 1911.
- Inspect axle components for:
  - Ball joints
  - Kingpins
  - Spindles
  - Attaching hardware
  - Axle beams
  - Axle shafts
  - Differentials
  - Controls
- Check for security of mounting, structural integrity, abnormal wear, and leakage.
- Lubricate components as necessary.
- Clean, inspect, and lubricate wheel bearings and seals.
- Inspect tires for damage and inflate to the recommended pressure.
- Torque wheel attaching nuts as per the manufacturer's recommendation.
- Inspect wheels and rims for:
  - Cracks
  - Structural integrity
  - Corrosion
- Clean wheel bearings and seals, inspect for wear, cracks, and leakage, and lubricate them.
- Ensure that tires are inflated to the tire manufacturer's recommended pressure.

5.3: ENGINE and ALL MAJOR SUBCOMPONENTS

- Conduct repairs and services on all engines and subcomponents in accordance with NFPA 1911.
- Service engine oil and filters based on time or mileage.

5.3: ENGINE COOLING SYSTEM

1. Test the chemical components of the coolant and replace it if out of balance or annually.
2. Inspect and clean the radiator assembly, removing dirt, debris, and airflow obstructions.
3. Inspect hoses and fittings for leakage.

5.4: ENGINE FUEL SYSTEM

1. Replace fuel filters and fuel-water separators.
2. Inspect fuel tank, lines, and connections for security of mounting and leakage.
3. Maintain and inspect the injector pump and injectors for leakage.
4. Diagnostically check gauges, indicators, and sending units.
5. Inspect mechanical throttle linkage and stops for proper adjustment.

5.5: ELECTRONIC THROTTLE COMPONENTS

- Inspect electronic throttle components and throttle position sensors for counts and perform diagnostic checks.

5.5: ENGINE AIR INTAKE SYSTEM

1. Maintain the engine air intake system based on time or mileage.
2. Replace the air cleaner element annually.
3. Inspect all hoses, tubes, and fittings for leakage and wear.
4. For engines equipped with a charged air after-cooler, inspect it for signs of damage.
5. Monitor airflow for any restrictions.

5.6: ENGINE EXHAUST SYSTEM

- Inspect the engine exhaust system for:
  - Security of mounting
  - Exhaust leaks
- Include inspection of the following components:
  - Exhaust manifolds
  - Exhaust pipes
  - Mufflers
  - Tailpipes
  - Exhaust clamps, brackets, and mounting hardware
  - Turbocharger
  - Catalytic converter(s)
  - Exhaust filtration system

5.7: TRANSMISSION

1. Inspect the transmission for security of mounting and leakage.
2. Perform diagnostic checks on the transmission.
3. Replace transmission lubricants and filters based on time or mileage.
4. Inspect transmission controls and shift linkage for condition.
5. Test all transmission indicators and gauges for proper operation and accuracy.
6. Inspect power takeoffs for security of mounting and leakage.
7. Check the lockup system for pumps and other accessories for leakage.
8. Maintain transmission braking systems according to the manufacturer's recommendations.

5.8: DRIVELINES

- Inspect the following components:
  - Drive shafts
  - Universal joints
  - Carrier bearings
  - Flanges
  - Bearing cap bolts
  - Slip yokes
- Check for alignment, security of mounting, wear, and lubricate as needed.

5.9: STEERING SYSTEM

1. Inspect steering system components for:
   - Structural integrity
   - Security of mounting
   - Leakage
   - Overall condition
2. Lubricate the steering system.
3. Components include:
   - Power steering pump
   - Steering valves, cylinders, and hydraulic components
   - Steering gear box
   - Steering gear mounting brackets
   - Steering arms, drag links, pitman arms, tie rods, and tie rod ends
4. Inspect surrounding vehicle components for signs of wheel or tire rubbing during steering.
5. Check left and right steering axle stops to ensure hydraulic relief before contacting the steering stops.

5.10: STEERING GEAR MOUNTING BRACKET

1. Clean and inspect the steering gear mounting bracket for cracks.
2. Inspect all fasteners on the steering gear mounting brackets for proper installation, grade, and torque.
3. Verify that pinch bolts, cotter pins, and other retaining hardware in the steering linkage assembly are in place and secure.
4. Rotate the steering wheel to check for steering backlash.
5. Replace lubricants in the steering gear box and power steering reservoir annually.
6. Lubricate steering valves, steering arms, drag links, pitman arms, tie rod ends, and the steering column assembly.
7. Inspect steering pump belts, hoses, and lines for wear and proper adjustment.
8. Maintain electronic steering controls and indicators as recommended by the manufacturer.

5.11: BRAKING SYSTEM

1. Inspect and maintain the braking system according to the manufacturer's recommendation, considering time and mileage.
2. For the parking brake:
    - Inspect for structural integrity.
    - Check security of mounting.
    - Look for missing or broken parts.
    - Assess wear.
    - Lubricate the parking brake controls and activating mechanism.
3. Replace brake linings as recommended by the manufacturer:
    - When worn to the minimum safe thickness.
    - When replacing brake drums or rotors.
4. Inspect the drums or rotors annually (or during brake lining replacement) for the following:
    - Evidence of extreme heat or heat cracking.
    - Out-of-round shape.
    - Rust.
    - Taper.
    - Rotor parallelism.
    - Metal fatigue.
5. Inspect all components of the braking system for damage and wear

5.12: ANTILOCK BRAKING SYSTEMS (ABS)

1. Inspect ABS components, including:
    - Electronic control unit (ECU)
    - Cables
    - Switches
    - Relays
    - Sensors
    - Valves
2. Perform diagnostic checks on the ABS.
3. Review ABS ECU diagnostic codes.

5.12.3: VEHICLES WITH HYDRAULIC BRAKE SYSTEM

Inspect and maintain the following components:

- Pedal linkage
- Brake switches
- Master cylinder
- Brake booster
- Hydraulic lines
- Valves
- Wheel cylinders and calipers
- Brake shoes and pads
- Brake drums and rotors
- Warning devices
- Mounting hardware
- Fluids

5.12.4: VEHICLES WITH AIR-BRAKE SYSTEM

Inspect and maintain the following components:

- Air compressor
- Pedal assembly
- All valves
- Hoses and lines
- Brake air chambers
- Slack adjusters
- Cams and wedges
- Brake shoes or pads
- Brake drums or rotors
- Calipers
- Air dryers
- Drain valves
- Air tanks
- Warning devices
- Mounting hardware

5.13: CREW AND PASSENGER COMPARTMENTS

1. Inspect all glass, windows, and mirrors for their condition.
2. Check the security of mounting and overall condition of all seats.
3. Inspect seat belts for proper mounting and condition.
4. Examine doors, door hinges, latches, and door stop for security of mounting and overall condition.
5. Inspect all components of the cab mounting system, including:
    - Mounting brackets
    - Cab base structure
    - Resilient cushions
    - Securing fasteners

5.14: CAB TILTING SYSTEM

1. Inspect all components of the cab tilting system, including:
    - Switches and remote controls
    - Interlocks
    - Reservoirs
    - Motors and pumps
    - Hoses and fittings
    - Cylinders and lifting devices
    - Cab support devices
    - Split cab seals
    - Pivot points
    - Latches and hold-down devices
2. Check for leaks.
3. Replace fluids annually.

5.15: BODY AND COMPARTMENTATION

1. Inspect all compartments and storage areas for structural integrity.
2. Check hinges, latches, and seals, and lubricate them.
3. Verify that doors operate correctly and are in the proper position.
4. Diagnostically check hazard warning lights and interlocks associated with conditions such as:
    - Open passenger or equipment compartment doors
    - Ladder or equipment rack not stowed
    - Deployed stabilizer system
    - Extended powered light tower
5. Inspect step platforms, handrails, and access ladders for secure mounting and structural integrity.
6. Check slip-resistant surfaces for secure mounting and overall condition.
7. Diagnostically check and lubricate all mechanical steps.
8. Inspect equipment mounting brackets and racks for secure mounting and lubricate them.
9. Examine finishes and reflective striping for defects, corrosion, and damage.

5.16: STARTING SYSTEM

Inspect the following components for secure mounting and perform diagnostic checks:

- Batteries, cables, and connections
- Cranking motor
- Solenoids, relays, and switches
- Interlock systems

5.17: WIRING

- Inspect all wiring and wiring loops for:
    - Security of mounting
    - Tight connections
    - Proper routing
    - Presence of grommets
    - Overall condition and cleanliness

5.18: BATTERIES

- Test batteries for storage and performance capabilities.

5.19: CHARGING SYSTEM

Inspect the following components for secure mounting and alignment, and perform diagnostic checks:

- Alternator, regulator, and associated wiring and cables
- Isolators
- Alternator drive belts
- Solenoids, relays, switches, and instrumentations
- Interlock systems
- Diagnostically check the alternator.

5.20: IGNITION SYSTEM

Inspect the following components for secure mounting and perform diagnostic checks:

- Associated wiring and cables
- Solenoids, relays, switches, instrumentation, and lighting
- Primary and secondary system
- Glow plugs

5.21: MISCELLANEOUS ELECTRICAL COMPONENTS

Inspect the following components for secure mounting and perform diagnostic checks:

- Battery conditioners and chargers
- Shoreline receptacles
- Converters and inverters
- Fast idle system
- Operator alert devices

5.22: VEHICLE LIGHTING

Inspect all fire truck lighting components for secure mounting and perform diagnostic checks on the following:

- Headlights
- Marker lights
- Clearance lights
- Turn signals and hazard lights

- Brake lights
- Dash lights
- Working lights
- Ground lights
- Step lights
- Flood, spot, and scene lights
- Cab interior lights
- Other working lights on the vehicle (not otherwise specified)

5.23: ELECTRICAL ACCESSORIES

Perform diagnostic checks on the following electrical accessories:

- Heater and defroster
- Air-conditioning system
- Windshield wipers and washer
- Instrumentation
- Traffic preemption

5.24: WARNING DEVICES

Inspect the following warning devices for security of mounting and perform diagnostic checks:

- Emergency warning lights
- Electric and electronic sirens
- Automotive traffic horn
- Air horns
- Backup alarm

5.25: INSPECTION AND MAINTENANCE OF WATER PUMPING SYSTEMS AND TANKS

1. Inspect vehicles equipped with fire pumps, auxiliary pumps, industrial pumps, or transfer pumps for:
    - Security of mounting
    - Structural integrity
    - Leakage
    - Perform diagnostic checks.
2. If the vehicle has a water tank, inspect it for:
    - Security of mounting
    - Structural integrity
    - Leakage.
3. Clean tank sumps (if equipped with sump cleanout).
4. Inspect and maintain anodes and other means to prevent galvanic corrosion as recommended by the manufacturer.
5. Inspect and maintain pump packing and shaft packing or mechanical seals according to the manufacturer's recommendations.

5.26: PUMP DRIVE SYSTEM

1. Inspect the pump drive system for:
    - Security of mounting
    - Leakage
    - Perform diagnostic checks.
    - Lubricate as required.
2. Inspect all pump shift controls, pump shift indicators (located in the driving compartment and on the operator's panel), engine speed advancement interlocks, and any other interlocks of the pump drive system for:
    - Security of mounting
    - Leakage
    - Perform diagnostic checks.
    - Lubricate as needed.
3. Inspect all fluids in the pump for contamination.

5.27: PIPING AND VALVES

1. Inspect all pump piping, valves, and valve controls, as well as fire hose connections, caps, chains, and gaskets for:
    - Security of mounting
    - Structural integrity

- Proper valve operation
- Corrosion
- Leakage
- Lubricate as needed.

5.28: INSTRUMENT GAUGES

Inspect all gauges and lighting for:

- Security of mounting
- Overall condition
- Perform diagnostic checks.

5.29: PUMP CONTROLS

Perform diagnostic checks on the following pump control systems:

- Engine speed control and interlock
- Pressure control devices
- Transfer valve
- Transmission lockup system

5.30: PUMP PRIMING SYSTEM

1. Inspect the pump priming system for:
   - Security of mounting
   - Leakage
   - Perform diagnostic checks.
2. Inspect the priming fluid for contamination and ensure it is the proper type.

5.31: PUMP DRIVE ENGINE

If the pump has a separate drive engine:

- Inspect the engine.
- Service the engine oil and filters based on time or mileage.

5.32 ROAD TEST

1. A road test of the fire apparatus should be conducted after each scheduled maintenance interval, repair, adjustment, or modification of the engine, transmission, drivetrain, suspension, brakes, or steering.
2. The test should take place on dry, level, paved roads that are in good condition.
3. The engine should not exceed the maximum governed speed.
4. The test consists of the following:
   - Attaining a minimum top speed of at least 50 mph.
5. During the test, observe the following while driving at least 1 mile at a safe speed for the conditions, making 90-degree turns to both the left and right:
   - Improper transmission shifting
   - Driveline and vehicle vibration
   - Drifting and pulling during acceleration or braking
   - Abnormal noise
   - Resistance to steering recovery after a 90-degree turn.

5.5.4 Load Testing and Labeling:

- The contractor must provide load testing for all supported equipment.
- Specifically, they should perform and document load tests and inspections for material handling equipment and lifting devices.
- Additionally, whenever maintenance is performed on a lift system in vehicles equipped with lifting capability, a load test should be conducted.
- The contractor should label equipment with the test date.

5.5.5 HVAC Maintenance Services:

- The contractor is responsible for air conditioning/refrigeration (HVAC) maintenance services.
- They must ensure correct operation of refrigerant dispensing and recovery equipment.
- Proper record-keeping is essential, following 40 CFR, Part 82, and relevant federal, state, and Joint Base Myer-Henderson Hall regulations.
- Certified personnel should perform these tasks.

5.5.6 Vehicle/Trailer Body Repair Services:

- The contractor should perform vehicle/trailer body repair services, including:
    - Straightening
    - Welding
    - Sanding
    - Component replacement
    - Using body fillers and fiberglass repair methods
    - Painting
- These repairs aim to stop corrosion or restore structural integrity of equipment.
- All work must adhere to AR 750-1, applicable Technical Manuals/Technical Bulletins, and generally acceptable commercial methods.

5.5.7 Wheel and Tire Assemblies Maintenance:

- The contractor is responsible for maintaining and repairing wheel and tire assemblies.
- This applies to Government-owned, tactical, or commercial equipment used in tactical or base operations roles or other supporting purposes.
- The work should align with the applicable technical manual

5.6 Technical Inspections

1. **Initial, Random, and Final Inspections:**
    - The contractor must perform these inspections at their facility on equipment submitted for repair or services.
    - As work progresses, the contractor should update the estimated hours required to complete maintenance actions.
2. **Technical Inspection Services:**
    - The contractor provides technical inspection services in support of Joint Base Myer-Henderson Hall.
    - This includes equipment presented for turn-in, serviceability checks, lateral transfers, or in-processing of new equipment into the Army inventory.
    - Inspections follow guidelines from AR 750-1 and AR 725-50 to assess vehicle condition.
3. **Reports and Evaluations:**
    - The contractor should provide reports, evaluations, and technical exhibits for equipment on work orders.
    - These are necessary when equipment is under investigation or as required by the KO (Contracting Officer) or designated representative.
4. **Initial Acceptance of Items:**
    - The contractor performs initial acceptance of items on work requests.
    - They verify the serial number of equipment and identify problems mentioned in the maintenance request.
    - Additionally, they ensure that all equipment brought in is complete, clean, and not damaged beyond fair wear and tear (FWT).
    - Verification of completed Field Level maintenance services is also part of this process.
5. **Final Inspections:**
    - The contractor conducts final inspections according to applicable Technical Manuals and Technical Bulletins.
    - They verify that maintenance actions have been completed as specified in the work request.
    - The equipment or item's serviceability standards are also checked during the final inspection.

5.7 Production Control

1. The contractor must complete the Equipment Maintenance and Inspection Worksheet or provide an equivalent Inspection Worksheet when all work has been completed. After repairing or servicing the item and conducting the final inspection, the contractor should notify the customer that the equipment is ready for pickup or delivery within one working day. The contractor should annotate the contact details (who they contacted), date, and time of contact on the bottom of the work order.
2. The contractor is also required to provide documentation of all work performed under this contract to the designated COR (Contracting Officer's Representative) on all Work Order-related documents weekly.

5.8 Allied Trades

1. The contractor is responsible for performing Allied Trades tasks related to the repair or modification of non-tactical or commercial equipment. These tasks include welding, machining, equipment painting, and body repair. All repairs must adhere to AR 750-1, applicable Technical Manuals, generally acceptable commercial methods, and industry best practices.
2. For welding and welding inspection operations, the contractor must fulfill maintenance and fabrication requirements on various ferrous and non-ferrous metals. These metals include steel, aluminum, cast iron, nickel, brass, sheet metal, and ballistic armor plating made from different alloys. Welders must be qualified, and welding inspectors should be certified according to American Welding Society (AWS) standards for the specific equipment and materials they use.
3. In terms of fabrication, the contractor will utilize metal machining operations, including shapers, metal brakes, lathes, grinders, shears, and drills. These operations are used to machine ferrous and non-ferrous materials such as steel, copper, aluminum, cast iron, nickel, brass, and other alloys. Additionally, the contractor should maintain at least one person certified in accordance with American National Standards Institute (ANSI)/American Society for Nondestructive Testing (ASNT) CP-189 (Standard for Qualification and Certification of NDT Personnel) for both destructive and non-destructive testing.

6.0 JBMHH FIRE DEPARTMENT VEHICLE LIST

Material Description	Admin No.	Year	Make/Model
TRUCK, FIRE FIGHTING: PUMPER PIERCE MANU	**E46**	**2021**	**Pierce Saber**
TRUCK, FIRE FIGHTING: PUMPER PIERCE MANU	**E161**	**2020**	**Pierce Saber**
TRUCK, FIRE FIGHTING: 2017 30M54058, PUM	**E46B**	**2017**	**Rosenbauer Commander**
TRUCK, FIRE FIGHTING: PUMPER PIERCE MANU	**E161B**	**2014**	**Pierce Saber**
TRUCK, FIRE FIGHTING: DASH D-8000 PIERCE	**E161C**	**2007**	**Pierce Dash**
TRUCK, FIRE FIGHTING: HAZMAT	**SO161**	**2005**	**Ford F-550**
UTILITY TRUCK	**UT161**	**2003**	**Ford F-350**
TRK FIRE FIGHT CRASH	**F162**	**2001**	**E-One Titan**

PART 6
APPLICABLE PUBLICATIONS

6.APPLICABLE PUBLICATIONS (CURRENT EDITIONS)

6.1 Publications and forms applicable to this Performance Work Statement are listed below. The publications and forms have been coded as mandatory or advisory. The Contractor is obligated to follow those publications and use those forms coded as mandatory to the extent (that is, a specific procedure in a paragraph,, chapter, or volume) specified in the Performance Work Statement. The Contractor shall be guided by those publications or use those forms coded advisory to the extent necessary to accomplish requirements in the Performance Work Statement. The Contractor must abide by all applicable regulations, publications, manuals, and local policies and procedures.

6.1.1Regulations and Publications

-National Fire Protection Association 1901 Standards for Automotive Fire Apparatus https://www.nfpa.org

-National Fire Protection Association 1911 Standards for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus https://www.nfpa.org
-National Fire Protection Association 414 Standard for Aircraft Rescue and Fire-Fighting Vehicles https://www.nfpa.org

The following publications or additional ARMY publications can be found at https://armypubs.army.mil

-AR 385-10 THE ARMY SAFETY PROGRAM-AR 750-1 ARMY MATERIEL MAINTENANCE POLICY

-TM 43-0139 PAINTING INSTRUCTIONS FOR ARMY MATERIEL

-TB 43-0209 COLOR, MARKING, AND CAMOUFLAGE PAINTING OF MILITARY VEHICLES, CONSTRUCTION EQUIPMENT AND MATERIALS HANDLING EQUIPMENT