Estimated Staffing Matrix
(Use this estimate for each year)

NOTES:
The data presented below is for informational and bidding purposes only.
This information is not a reflection of the Government's intent for the future nor an endorsement of past practice.
The distribution of positions is the Government's current best estimate to perform the anticipated requirements.

Labor category	Skill level	****Hours
Sheet Metal Mechanic		1,705
Aircraft Mechanic II		3,410
Aircraft Mechanic III		1,705
Ground Support Equipment (GSE) Mechanic		1,023
Aviation Life Support Equipment (ALSE) Technician		682
Hazardous Material Technician		5,115
Avionics Technician		1,705
Aircraft Inspector I		1,705
Aircraft Inspector II		1,705
UAV/UAS Crew Chief		1,705
UAV/UAS Aircraft Mechanic II		1,705
Engineering Technician		1,705
Subtotal:		
*** Management Personnel:		
Total:		

*** Management Personnel includes non-task specific direct charge personnel such as: Managers, Accountants, Administrative Specialists, Human Resources, and Safety Specialists.

**** Labor hours do not include holiday, vacation, or sick leave hours

Aircraft and Airfield Related Services

Skill Level Definitions

Each position for the prescribed work is categorized into one of several skill levels. Duties and/or experience requirements for each of these professional skill levels are given as follows:

Aircraft and Airfield support positions

Sheet Metal Mechanic:

Inspects, services and repairs Army helicopters and airplanes. Responsible for supervising and performing maintenance on aircraft structures. Repairs and replaces aircraft structural components to include stingers, longerons, bulkheads, beams and aircraft skin according to drawings, blueprints, directives, technical manuals and safety procedures. Fabricates structural parts, forming blocks and shapes metal using stretching, shrinking, and other metal forming techniques. Mixes and applies fiberglass materials. Makes emergency and permanent repairs to transparent plastic windows and enclosures. Uses common measuring tools, precision measuring gages and alignment fixtures to perform structural repairs. Balances fixed-wing aircraft controls such as flags and ailerons. Mixes and applies primers and paints to aircraft surfaces. Applies corrosion control treatment to aircraft metals. Requisitions and maintains shop and bench stock for repair of aircraft structures. Maintains facilities for storage of flammable and hazardous materials. Uses and performs operator maintenance on common and special tools. Prepares forms and records related to aircraft maintenance. Bachelor's degree or equivalent experience required.

Aircraft Mechanic II:

Responsible for supervising and performing maintenance on Army UH-60 and OH-58 helicopters. Removes and installs aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Prepares forms and records related to aircraft maintenance. Performs air crewmember duties. Bachelor's degree or equivalent experience required.

Aircraft Mechanic III:

In addition to Mechanic II requirements, provides technical guidance to junior personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems. Participates in maintenance test flights

Ground Support Equipment (GSE) Mechanic:

Inspects, tests, and operates GSE to determine equipment serviceability and proper operation. Diagnoses mechanical and electronic circuitry malfunctions using visual and auditory senses, test equipment, and technical publications. Removes, disassembles, repairs, cleans, treats for corrosion, assembles, and re-installs GSE accessories and components. Stencils and marks GSE. Services equipment with fuel, oil, coolant, water, hydraulic fluid, and air. Operates, cleans, inspects, and services GSE towing vehicles. Maintains vehicle forms. Provides dispatch service for GSE, including positioning equipment to support aircraft maintenance and flying operations. Diagnoses malfunctions and repairs GSE. Advises and performs troubleshooting on GSE before assigning repair action. Inspects and approves completed maintenance actions. Analyzes and repairs ground support equipment using conventional and digital multimeters, voltmeters, ohmmeters, frequency counters, oscilloscopes, circuit card testers, transistor testers, and hand tools. Maintains external fuel and grounding systems. Stores, handles, uses, and disposes of hazardous material and waste according to environmental standards. Maintains GSE Shop. Plans and organizes GSE maintenance activities. Establishes production controls and standards. Knowledge is mandatory of: principles of electricity, electronics, general mechanics, heating, refrigeration, pneumatics, hydraulics, and reciprocating and turbine engines; troubleshooting, inspecting, repairing, and modifying equipment. Minimum high school diploma or its equivalent. Must have at least 5 years experience working on all types of GSE.

Aviation Life Support Equipment (ALSE) Technician:

Inspection, maintenance, adjustment, modification and repair of Aviation Life Support Equipment (ALSE). Manages and operates the ALSE Shop. This includes but is not limited to supply, budget, storage, facility requirements, chain of custody/authority, forms and records, publications, repair tools and test equipment, sewing, Army Air Warrior Program, floatation equipment, survival vests/kits, helmets, oxygen equipment, flight clothing. Provides initial and continuation training and instruction on the use and care of ALSE equipment. Must have successfully completed the Aviation Life Support Equipment Specialist/Supervisor Course, conducted under the auspices of the U.S. Army Aviation School, Ft. Rucker, AL or equivalent experience required.

Hazardous Material Technician

Must have a thorough working knowledge of all items under duties and responsibilities; Working knowledge of OSHA, EPA and contractual requirements. Monitors and ensures, through line supervisors, that HAZMAT rules are being enforced. Assists in ensuring proper and thorough HAZMAT record keeping is maintained in accordance with established Environmental Protection Agency, State and Base Standards. Coordinates with the EH&S Coordinator, in monitoring health matters of maintenance/support personnel. Maintain working knowledge of complex and technical regulations, including Customer's Hazardous Waste Management Plan, OSHA, Hazardous Material Transportation Act, Resource Conservation and Recovery Act and other applicable base, state and federal regulations. Designated as On-Site Accumulation Point Coordinator, with specific responsibilities for the: Provision, access and maintenance of waste storage and chemical storage areas; routine inspection of all waste storage areas to ensure compliance with storage requirements; preparation and submission of disposal turn-in documents; ensure proper marking, labeling and sealing of chemical waste containers. Determining the type and quantities of safety and emergency equipment required. Establish and maintain all required records including a Chemical Waste Log, Chemical inventories and Material Safety Data Sheets. Accompany Government personnel (base officials, EPA Inspectors, etc.) when at contractor facilities along with EH&S Coordinator. Haz Mat Tech shall have a minimum of six (6) years practical experience or operation of a safety, hazardous materials/waste program. The six (6) years experience shall include receiving, storage, distribution and handling, and disposal of all types of material that may be utilized at the Contractor's job site. Shall be knowledgeable of and have experience with applicable federal, DoD, state, and local regulations pertaining to the protection of the environment. They shall be able to lift light to moderate loads while bending or standing. They shall be required to have the following: Hazardous Material Training: Facility Management – 40 hours, available (by fee) from the Navy or a commercial provider HAZWOPER – 40 hours initial (8 hours annual re-cert) DOT Hazardous Waste Material Transportation Training – 40 hours initial, 8 hours every 2nd year, IAW 49 CFR

Avionics Technician

The Avionics Technician performs maintenance on communication, navigation, and flight control equipment. The Avionics Technician repairs, replaces and performs operational and preventive checks and alignments on aircraft flight controls, stabilization systems, and avionics equipment. Troubleshoots equipment and traces avionic equipment wiring harnesses using technical manuals and schematic drawings to diagnose and isolate faults and effect repairs. Performs maintenance on special and common hand tools and test, measurement and diagnostic equipment. Requisitions and maintains shop and bench stock for repair of aircraft avionics equipment. Prepares forms and records related to aircraft maintenance. Schedules maintenance on test, measurement, and diagnostic equipment. Alters or modifies material according to approved modification work orders. Bachelor's degree or equivalent experience required.

Aircraft Inspector I:

Supervises and provides technical guidance to personnel performing aircraft and subsystem maintenance and evaluates the technical training program. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to aircraft maintenance operations. Plans, conducts and supervises aircraft technical inspections. Computes basic weight and balance records. Participates in maintenance test flights. Ensures compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration. Bachelor's degree or equivalent experience required.

Aircraft Inspector II:

In addition to Aircraft Inspector I requirements, supervises aircraft maintenance and technical inspection activities and Quality Assurance Shop. Determines man-hours, personnel, parts and facility requirements to repair aircraft and associated equipment. Plans aircraft maintenance areas, component repair, shops, and facilities. Instructs personnel in aircraft repair and technical inspection techniques and procedures according to directives, technical manuals, work standards, and operational policies. Maintains supply economy and discipline. Prepares evaluations, special reports, and records pertaining to aircraft maintenance repair and related activities.

UAV/UAS Crew Chief

Provide (UAV/UAS) Air Vehicle Operator support to the various initiatives underway. Duties include, but are not limited to; assisting project engineering with all aspects of new product integration, implementation, and testing in both ground and flight environments, support of new integration flight tests, customer training and support, system capability demonstration flights, and ATP (acceptance tests profile) of production SUAS platforms at operational locations around the globe. Additional duties will include emplacement, displacement, periodic and routine inspection, required maintenance, and replenishment of other associated ground equipment as well as proper notation of logbooks and records. Duties and responsibilities will also require a travel both domestically and internationally in support of our product line and customer relations. Additional daily duties may occur on a situational basis and will be assigned as necessary. (1) High School diploma required. (2) A&P Certificate; (3) three hundred (300) hours as PIC; (4) ability to travel (5) good analytical, interpersonal, verbal and written communication skills to accurately interface with all levels of employees and military and civilian customers, contractors and aircrew; (6) Must demonstrate a basic understanding of UAV and FAA principles, theories and concepts. and (7) basic knowledge of computer operations and applications. The ability to work both independently and in a team environment is essential as is the ability to work extended hours and travel as required.

UAV/UAS Aircraft Mechanic

The Aircraft Mechanic II is primarily responsible for supervising and performing maintenance on UAV/UAS helicopters. The Aircraft Mechanic II removes and installs aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Prepares forms and records related to aircraft maintenance. Performs air crewmember duties. Bachelor's degree or equivalent experience required. A&P License required.

Engineering Technician

The basic function includes installation, operation, and repair of scientific support systems. Work together with the engineering design group in planning, building, installing, and maitaining present and future modifications. Provide support to Army researchers. Calibrate sensors and related systems. Troubleshoot down to component level. Assist in sensor calibrations used for research support. Make all modifications and retest as required. Prepare complex and detailed layouts. Resolve design and operational problems. Assist design engineering in the planning, developing, and constructing new, non-routine installations and system modifications. Adopt new procedures as required. Integrate the work of others and decide on a course to rectify problems. Assure compatibility with the total project. Must have a Bachelor of Science degree with a minimum of 10+ year's experience, or technical school or military training in electronics with 15 years experience. Knowledge of electrical installation practices, soldering techniques, crimp practices, and wire making procedures; navigation communications pertaining to aircraft. Knowledge of overall analog theory with servos, and power generation and control; remote sensing and associated techniques; circuit board assembly, wire wrapping, and related construction; Ability to work with test equipment and hand tools and must be able to troubleshoot to the component level.