HANGAR 10 AIR COMPRESSOR
STATEMENT OF WORK
13 May 2026

1. **DESCRIPTION OF SERVICES**:

BACKGROUND:

1.1. This Statement of Work (SOW) defines

1.2. TASK/SCOPE OF WORK: The Contractor will conduct the following tasks under this effort.

1.2.1. This Statement of Work (SOW) outlines the responsibilities of contractor chosen for the supply and installation of two each, air compressors, air dryer and oil water separator. It's also for the removal and haul away of 2 each air compressor at 3640 Patrick Avenue, Joint Base Andrews. This project includes the replacement of the existing Ingersoll Rand 30 hp rotary screw compressors (2 each), refrigerated air dryer, and oil-water separator with two each of the same spec air compressor, air dryer and oil-water separator. This will include all the piping needed to connect the two air compressors, air dryer and oil-water separator to the existing piping to disperse the air through the building.

1.2.2. The two Quincy QGD-30 or equivalent air compressors will provide a reliable and continuous source of high-pressure, high-volume compressed air, which is critical for all pneumatic operations within the aircraft structural maintenance shop. They will replace our current, failing system, which consists of one inoperable unit and one that consistently overheats, causing severe operational delays. This new system is expected to eliminate work stoppages and significantly improve the efficiency of critical maintenance tasks such as sandblasting, painting, sanding, and operating various pneumatic hand tools. The continuous-duty rating and robust cooling will ensure the compressors can meet our high operational tempo without failure. This directly supports our mission by increasing productivity, reducing aircraft downtime, and ensuring maintenance schedules are met consistently and safely.

1.2.3. Physical characteristics:

- Quantity: Two (2) rotary screw air compressors
- Model: Quincy QGD-30 or equivalent
- Power Supply: 230/460V 3-Phase industrial power
- Configuration: Tank-mounted to ensure a ready supply of compressed air and reduce cycle frequency.
- Footprint: Approximate dimensions should not exceed 75" L x 40" W x 70" H to fit within the existing equipment space.

1.2.4. Performance: Must be a 30-horsepower, continuous-duty rotary screw air compressor.

1.2.5. Equipment Supply and Delivery: Furnish and deliver the specified new compressor system (2 each air compressors, oil-water separator and air dryer)

equipment to 3640 Patrick Ave., Joint Base Andrews. (Details of the new equipment are provided in a separate appendix/attachment.)

1.2.6. Removal of Existing Equipment: Remove two each Ingersoll Rand 30 hp rotary screw compressors, refrigerated air dryer, and oil-water separator from their current location at 3640 Patrick Ave., Joint Base Andrews.

1.2.7. Equipment Installation: Set two air compressor systems, refrigerated air dryer and oil water separator in place and connect it to the existing compressed air distribution system.

1.2.8. Control System: Equipped with a microprocessor-based controller (Quincy Airlogic® or equivalent) for monitoring operating parameters, managing load/unload cycles, and providing service alerts.

1.2.9. Duty Cycle: Must be rated for 100% continuous duty to operate reliably without overheating in a high-demand, non-climate-controlled environment.

1.2.10. Air Delivery: Capable of delivering a minimum of 125 CFM at 125 PSIG to power multiple high-demand pneumatic tools simultaneously.

1.2.11. Moisture Control: The new compressor system must include an automated means of expelling any water and moisture accumulation, such as an auto purge valve, to prevent corrosion and ensure the integrity of the compressed air distribution system.

1.2.12. Air Quality: Must include an integrated air-aftercooler to cool the compressed air and remove excess moisture, protecting air tools and ensuring high-quality finishes in applications like painting.

1.2.13. Piping: Utilize piping to connect the new 2 each air compressors, air dryer and oil water separators to the existing “blue” aluminum compressed air piping system. Contractor will take reasonable measures to minimize disruption to the existing compressed air system during the connection process. When work is complete the contractor along with end user will ensure there aren’t any air leaks in new work.

1.2.14. Electrical Connection: Connect the new equipment to the existing electrical supply. If incorrect power supply is in breaker box. Contractor will run a line to breaker box for correct hook up power. Contractor will follow all Joint Base Andrews, DoW, county, state and federal codes to hook up new equipment to existing power supply.

1.2.15. Equipment Disposal: Upon completion of the installation, contractor will haul away the existing equipment removed and dispose of it in a manner that meets EPA, State of Maryland and Federal requirements

1.2.16. Operational Standards: all work to be performed in accordance with federal, state, and local regulatory requirements and standard operating procedures.

1.2.17. Project Timeline and Working Hours

1.2.18. All work will be performed during regular working hours, Monday through Friday, from 7:00 AM to 3:30 PM. A detailed project schedule will be provided by contractor following contract award.

1.2.19. Contractor will secure all appropriate badging to get on Joint Base Andrews, Md.

1.2.20. Civil engineering will provide all escorts and end user will not be responsible for monitoring workers at the jobsite

1.3. **APPLICABLE DOCUMENTS:** The contractor shall follow appropriate format and staff publications in compliance with applicable Air force and DoW guidance.

1.4. **SPECIAL QUALIFICATIONS:** At a minimum, all contract personnel shall:

1.4.1. Be a US citizen.

1.4.2. Acquired experience as the designated lead of a project or program.

1.4.3. Understand systems/security requirements.

1.4.4. Present a professional appearance and wear badges identifying them as contractors.

2. **PLACE OF PERFORMANCE**: 3640 Patrick Avenue, Hangar 11, Joint Base Andrews, MD 20762

3. **PERIOD OF PERFORMANCE**: Work should be completed within 30 calendar days of contract award.

4. **HOURS OF PERFORMANCE**: Work shall generally be performed during the working hours of 0700 – 1530, Monday through Friday. Work performed during other than standard hours shall be coordinated with the COR. Any unresolved coordination will be referred to the Contracting Officer (CO). The contractor shall maintain personal continuity to the maximum extent possible. Service will not be required for the following federal holidays on the observed day:

New Year's Day, January 1st (or as observed)
Martin Luther King's Birthday, 3rd Monday in January
President's Day, 3rd Monday in February
Memorial Day, Last Monday in May
Juneteenth, June 19th (or as observed)
Independence Day, July 4th (or as observed)
Labor Day, 1st Monday in September
Columbus Day, 2nd Monday in October
Veteran's Day, November 11th (or as observed)
Thanksgiving Day, 4th Thursday in November
Christmas Day, December 25th (or as observed)

5. **Contractor Personnel and Security Clearance Requirements:** All tasks must be conducted in full compliance with DOD security regulations.

6. **GOVERNMENT FURNISHED PROPERTY AND SERVICES**:

6.1. Facilities and Support Services.

6.1.1. The contractor shall keep government-furnished supplies, equipment, and work areas in a safe, orderly, and clean condition.

6.2. Space.

6.2.1. Any space used by the contractor in performance of this contract may be used for other purposes during the contractor's absence.

6.2.2. Items of clothing, personal effects or equipment may not be secured at the facility. The Government will not be liable for theft, damage to or loss of personal items.

7. CONTRACTOR SERVICES

7.1 Contractor will provide forklift or any other equipment necessary to remove the 2 air compressors, air dryer, oil water separator and piping from the compressor room.

7.2 Contractor will provide forklift or any other equipment necessary to install the 2 air compressors, air dryer, oil water separator and piping from the compressor room.