Commercial Solutions Opening (CSO)

LUH-72A Aircraft Maintenance Platform

Delaware Army National Guard – Army Aviation Support Facility

1.0 Introduction and Purpose

Delaware Army National Guard (DE ARNG), Army Aviation Support Facility (AASF), seeks innovative commercial solutions for a mobile, modular, multi-person, height-adjustable maintenance platform to support daily maintenance of Light Utility Helicopter LUH-72A Lakota rotor aircraft in DE ARNG AASF hangar.

This Commercial Solutions Opening (CSO) is issued to competitively acquire one maintenance platform, that enhances safety, ergonomics, and operational efficiency for Army aviation personnel.

2.0 Problem Statement

Maintenance and supervisory technicians require safe, reliable, stable, and adaptable platforms to access various sections of the LUH-72A airframe, including the tail, engines, and rotor system.

3.0 Desired System Attributes and Capabilities

DE ARNG is interested in a commercial product with following attributes. The following list is intended to guide submissions, not restrict them. Proposed solutions might not be able to address every attribute but should address the core problem statement. Discuss trade-offs between attributes and capabilities.

Physical and Mechanical Characteristics

- **Construction Material:** High-strength, lightweight structural aluminum for durability and corrosion resistance.
- **Working Load Capacity:** Minimum distributed load of 1,000 pounds per platform. Two-persons.
- **Work Surface:** Non-slip, heavy-duty extruded aluminum plank.
- **Finish:** Corrosion-resistant aluminum structure. Guardrails and safety components powder-coated in safety yellow or equivalent.
- **Mobility:** Heavy-duty, 360-degree swivel casters (minimum 8" diameter), each with wheel brake and swivel lock.
- **Weight:** Platform assembly not to exceed 1,200 lbs.

Functional Characteristics

- **Height Adjustment:** Manual adjustment via integrated jacking or equivalent system, vertical travel range of approximately 24 inches.
- **Guardrail System:** OSHA-compliant guardrails with quick-attach/detach cam-lock or equivalent mechanism. Self-closing safety gate.
- **Stability:** Rotating and extendable outriggers for stability, especially over helicopter skids or ground-level obstructions.
- **Configuration:** Split-rail or adaptable forward guardrail for tail clearance.
- **Platform Dimensions:** Approximate 86 to 88-inch length, 28-inch width, stowed dimensions not to exceed 100” (L) x 85" (W) x 99" (H).

Additional Features

- Modular design for adaptability.
- Camlock quick-attach railing, self-closing safety gate, rotating outriggers, split front rail for tail clearance.
- Ergonomic suitability for LUH-72A aircraft.

Compliance

- **Safety Standards:** Must comply with OSHA 29 CFR §1910 Subpart D, "Walking-Working Surfaces."
- **Buy American Act**
- **Documentation:** Technical manual/assembly instructions.

4.0 Submission Process

Phase 1. Solution Brief Submissions will be accepted through 25 Aug 2026.

Interested parties must submit a clear and concise description of their solution. The submittal should include:

- Description of the proposed product(s) and technical merits, including a discussion of how the solution addresses the [2.0] Problem Statement and [3.0] Desired System Attributes and Capabilities.
- Recommended firm fixed price contract line item structure for the Government to procure the solution.
- Delivery lead time and supply chain vulnerabilities.
- Preliminary pricing, warranty, FOB Destination (included in basic price or separate pre-priced firm fixed). Delivery, inspection, and acceptance at DE ARNG AASF, 33 Corporate Circle, New Castle DE 19720.
- Preliminary list of operation, maintenance, installation, and training data you provide with your solution.

Phase 2. Negotiation (By Invitation)

Based on a review of submittals, the Government may invite one vendor, multiple vendors, or no vendors for negotiation. Negotiations may be conducted during the submission acceptance period.

Phase 3. Evaluation and Award

USPFO Delaware will select one solution and issue a fixed-price FAR-based purchase order (SF 1449 or DD 1155). Awardee should expect a typical Government purchase order with Revolutionary FAR Overhaul contract clauses requiring bilateral or counterpart signatures. Operation & Maintenance funds are currently available to award a reasonably priced contract this fiscal year. Target award date is 31 Aug 2026.

Phase 4. Post-Award

System sustainment, warranty administration, and evaluation of solution impact on warfighter support.

5.0 Evaluation Factors

Solution submittals will be evaluated based on the offeror's ability to provide a compelling, effective, and constructable solution to the problem. Evaluation factors are listed in order of importance:

1. **Technical Merit:** Degree to which proposed product positively impacts LUH-72A maintenance.
2. **Company Expertise:** Company's experience and ability to deliver and support the proposed commercial product for the life of the product, including customary warranties. Past performance applies.
3. **Pricing:** Acquisition cost and life-cycle cost; fair and reasonable.

6.0 Acronyms

AASF	Army Aviation Support Facility
ARNG	Army National Guard
BAA	Buy American Act
CSO	Commercial Solutions Opening
DD/DoD/DoW	Department of Defense / Department of War
DE	Delaware
DFARS	Defense Federal Acquisition Regulation Supplement
FAR	Federal Acquisition Regulation
F/F/F	Form/Fit/Function
FOD	Foreign object damage
OMIT	Operation, Maintenance, Installation, and Training
RFO	Revolutionary FAR Overhaul
SF	[GSA] Standard Form
USPFO	U.S. Property & Fiscal Office (Contracting Authority)