AoI Title: M109A7 Paladin Breech Mechanism Installed with Breech Reliability

Upgrade Kit II (BRUK II)

CSO AoI Number: 001

AoI Release Date: 13 August 2025

AoI Amendment Number: 2

AoI Amendment Date: 24 September 2025

Responses: See W912CH-25-S-C002 for Procedure Details

1.0 General Information

1.1 Introduction

This announcement is seeking a new fabrication approach, feedback on technical drawings, and qualification testing support for the M109A7 Paladin breech mechanism components and/or a cannon assembly under the SPHS Commercial Solutions Opening (CSO) W912CH-25-S-C002.

Interested parties are highly encouraged to visit the Government Point of Entry (www.sam.gov) to review the SPHS CSO special posting in its entirety to obtain more information on the process for submission and evaluation of the CSO AoI Responses.

This CSO AoI seeks to solicit innovative solutions that meet the objectives detailed in Section 1.2. The term innovative is defined as any technology, process, or method, including research and development that is new as of the date of proposal submission, or any new application of an existing technology, process or method as of the proposal date.

The Contracting/Agreements Officer is not obligated to extend a request for Commercial Solution Proposal (CSP) or make an award as a result of this CSO AoI; all awards/agreements are subject to the availability of funds and successful negotiations.

This CSO AoI is not an authorization to begin performance, and in no way obligates the Government for any costs incurred by the Offeror associated with developing a response. Prior to commencement of any activities associated with performance under this CSO AoI, the Government will issue a written directive or contractual document signed by the Contracting/Agreements Officer with appropriate consideration established. SPHS reserves the right to modify the requirements of this CSO AoI.

The authority to issue this CSO AoI is derived from SPHS CSO W912CH-25-S-C002, dated 13 August 2025. The CSO authority is Section 803 of the National Defense Authorization Act for FY2022, Public Law 117-81.

1.2 Breech Mechanism

SPHS has a need for a new supplier to manufacture, test, and deliver breech mechanism Part Number (11583671) installed with Breech Reliability Upgrade Kit (BRUK II) & In Accordance With (IAW) M109A7 Technical Data Package (TDP).

High-Level Potential Challenges:

- Utilization of 2D TDP for manufacturing
- Meeting first Article Test Requirements
    - E.G: Radiographic and Fatigue lab testing
- Specialized manufacturing processes
- Limited supply base for forged parts

2.0 AoI Constraints

Any selected company/companies will be required to be registered in the System for Award Maintenance (sam.gov).

3.0 Submission Requirements

A written solution brief must be sent via e-mail submission by 5:00 P.M. (EST) on 22 October 2025, with subject line stating “M109A7 Paladin Breech Mechanism” to Brittany Palomino at brittany.b.palomino.civ@army.mil.

Solution briefs received after the specified due date and time will be discarded and not be evaluated by the Government.

AoI Open Period – This AoI shall close at 5:00 P.M (EST); 22 October 2025.

Points of Contact

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