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: 3

AoI Amendment Date: 12 February 2026

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

2.1 Use and Nondisclosure Agreement (NDA)

The TDP is subject to an NDA. Interested company/companies must provide a signed NDA before gaining access to the TDP via DoD SAFE. A copy of the NDA can be accessed via SAM.gov under this CSO.

2.2 Technical Data Package (TDP) Information

This AoI contains TDP attachments marked with Controlled Unclassified Information (CUI) and Export-Controlled distribution restrictions. These attachments will be restricted. Only eligible vendors will be able to gain access to these attachments.

a. Access to CUI attachments. Offerors must be registered and active in SAM.gov to receive CUI documents. These documents will be distributed via DoD SAFE (safe.apps.mil).

b. Access to Export-Controlled attachments. Offerors must be registered in the Joint Certification Program (JCP) and possess an active and approved DD Form 2345.

c. Steps to Obtain Access to Export-Controlled Attachments. To request access, email the Contract Specialist with the following information:

    - Name of the requester (as listed on DD Form 2345)
    - Reference: AoI 001: M109A7 Paladin Breech Mechanism Installed with Breech Reliability – TDP Request
    - Signed NDA
    - Company name
    - Company CAGE code
    - Approved DD Form 2345

The Government will verify your company's JCP registration. Once confirmed, the Contract Specialist will send the documents to the individual specified on the DD Form 2345 via DoD SAFE (safe.apps.mil).

NOTE: The person requesting the attachments must be the individual registered in the

JCP for your company, as listed on DD Form 2345. If you are not registered in the JCP, your certification has expired, or require JCP assistance, please contact the JCP Office or visit the JCP website (https://www.dla.mil/Logistics-Operations/Services/JCP/).

2.3 Destruction of Export Control Technical Data Package

(a) Upon completion of the purposes for which Government Technical Data has been provided, the offeror, and all subcontractors, vendors, and sub-vendors of the offeror, are required to destroy all documents, including all reproductions, duplications, or copies thereof as may have been further distributed.

(b) Destruction of this technical data shall be accomplished by: shredding, pulping, burning, or melting any physical copies of the TDP and/or deletion or removal of downloaded TDP files from computer drives and electronic devices, and any copies of those files.

3.0 Submission Requirements

A written solution brief must be sent via e-mail submission by 5:00 P.M. (EST) on 16 March 2026, with subject line stating “M109A7 Paladin Breech Mechanism” to Brittany Palomino at brittany.b.palomino.civ@army.mil and carbon copy (cc) the contract specialist, Elise Wong at elise.c.wong.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); 16 March 2026.

Points of Contact

CSO AoI POC: Brittany Palomino, brittany.b.palomino.civ@army.mil, (571) 588-7723

Contracting Specialist: Elise Wong, elise.c.wong.civ@army.mil, (571) 588-8992