Joint Assault Bridge (JAB)
EXECUTIVE SUMMARY
RFP # W56HZV-14-R-0350

A.1 GENERAL OVERVIEW

The XM1074 Joint Assault Bridge (JAB) program is an Army and United States Marine Corps (USMC) Joint Interest program that will replace the legacy M48/M60 tank-based Armored Vehicle Launched Bridge (AVLB) System. The JAB System will be a fully-tracked armored combat engineer vehicle specifically designed to provide Armored Brigade Combat Teams assault bridging capabilities to support maneuver elements. Using the M1A1 Abrams chassis as the basis for the system, the JAB will provide equivalent crew protection and vehicle survivability, while having the necessary speed and cross country mobility to keep pace with maneuver forces. The JAB will launch and recover the Army's existing hydraulically-actuated AVLB Military Load Class (MLC) 85 scissor-bridge. An industry-designed hydraulic Bridge Launcher Mechanism (BLM) shall be integrated onto a modified M1A1 chassis in order to employ the Government furnished AVLB MLC-85 scissor bridge. The Government will furnish the single winning contractor the M1A1 hulls and select chassis sub-assemblies for the contractor to integrate and assemble with their BLM in order to meet the Government's requirements (reference A.2.2 below). The Army's Authorized Acquisition Objective (AAO) is 333 JAB Systems. The USMC objective is 28 JAB Systems. The Army is the lead for this current effort, with later systems procured for the USMC.

A.2 JOINT ASSAULT BRIDGE ACQUISITION STRATEGY

The JAB program consists of an Engineering & Manufacturing Development (EMD) phase and a Production & Deployment phase.

A.2.1 PHASE ONE: EMD

The EMD phase competitively awarded two Firm Fixed Price (FFP) contracts to two offerors to build prototype vehicles for Pre-Production Qualification Testing following Request for Proposal (RFP), W56HZV-11-R-0322, covering only the EMD phase of the program. Two contractors designed, fabricated, delivered and supported Government testing of two JAB prototypes each in the EMD phase. The EMD phase focused on system design and integration of all subsystems and components on an M1A1 chassis using mature, low-risk technologies.

A.2.2 PHASE TWO: PRODUCTION AND DEPLOYMENT

The Production and Deployment phase will consist of two contracts. The first contract will be a FFP effort resulting from a best value selection from Full and Open competition to deliver an estimated 50 Low Rate Initial Production (LRIP) JAB Systems, and up to 79 Production JAB Systems for the Army and USMC (potential total quantity of 129 JAB systems). The Government is targeting to award the first LRIP/Production contract in FY15. The second Production contract would finish production up to the AAO, consisting of approximately 232 systems, for a grand total of 361 JAB systems (333 Army, 28 USMC) between the two contracts.

Up to thirteen (13) JAB vehicles are required for LRIP from FY15-16 year production to support system testing and Materiel Release activities. These test assets will be required for delivery according to the schedule shown in the Integrated Master Schedule (IMS) at Attachment 0002. This quantity may include, if applicable, the refurbishment and reconfiguration of two prototype assets from the EMD phase.

The estimated quantities to be awarded for the LRIP /Production contract are as follows:

YEAR	QTY
FY2015-16	Up to 13 (LRIP)
FY2017	Up to 20 (LRIP)
FY2018	Up to 24 (LRIP/Full Rate Production (FRP))

FY2019	Up to 36 (FRP)
FY2020	Up to 36 (FRP)

Under this contract, the contractor will also be required to provide test support (materials and on-site support), provisioning, packaging data, training manuals, new equipment training and fielding support. The Government intends to establish a priced option for delivery of a complete, contractor format Technical Data Package.

A.3 GOVERNMENT FURNISHED MATERIAL

A.3.1 M1A1 CHASSIS
During the EMD phase, a modified M1A1 Abrams chassis was furnished by the Government in a fully refurbished and operational condition ("rolling chassis"). In the Production and Deployment phase, the Government will provide the contractor a repaired Government furnished M1A1 bare hull; select serviceable sub-assemblies and components; and select used sub-assemblies and components that the contractor can economically reclaim to "as new" condition to support the contractor's system assembly. The contractor shall assume total responsibility for chassis assembly and bridge launcher integration to meet the requirements of Army Technical Performance Description (ATPD) 2402.

In accordance with 10 USC 2464, the Department of Defense (DoD) has a requirement, in the interests of national security, to maintain a core depot-level maintenance and repair capability. The Secretary of the Army designated Anniston Army Depot (ANAD) as the Center of Industrial and Technical Excellence (CITE) for Combat Vehicles (tracked and wheeled) (except Bradley) and assault bridging systems. In accordance with Title 10 USC Section 2474 which enables ANAD to establish Public-Private Partnerships (P3) with industry to perform work of benefit to the Government, offerors may elect to utilize ANAD for completion of technical work related to the M1A1 chassis. The Government will fund depot labor up to a ceiling level of effort if the contractor establishes a P3 with ANAD for certain M1A1 refurbishment, modification and re-assembly efforts described in Section J, Attachment 0003. In addition, offerors may at their sole discretion enter into a separate partnership agreement with ANAD for performance of other services necessary to produce JABs, beyond the efforts funded by the Government. Such agreement will be outside the scope of effort funded directly by the Government and the contractor would be responsible to fund ANAD for those services.

A.3.2 M1A1 CHASSIS SUB-ASSEMBLIES AND COMPONENTS
M1A1 sub-assemblies and components will be provided as Government Furnished Material (GFM) for the base year and first two option years and the GFM list will indicate "like new" or "as-is," whereas in the following option years a larger number of parts will be the responsibility of the contractor to reclaim or procure. Certain items, primarily limited to those with critical procurement lead-times, will be supplied as GFM for the entire duration of the LRIP/Production contract. The GFM information is detailed under RFP section H and via attachments under section J.

A.3.3 AVLB MLC 85 SCISSOR BRIDGE
During LRIP and FRP, a production standard MLC 85 bridge will be provided to the contractor to ensure functionality of the JAB System. The Government will provide the MLC 85 scissor bridge for each system at the fielding site as part of the fielding of the JAB.

A.3.4 SOURCE SELECTION FOR LRIP/PRODUCTION CONTRACT

The Government will conduct a best value source selection based on full and open competition for the LRIP/Production contract. The EMD Design Review Package (DRP) will be part of the evaluation criteria to select the contractor. Therefore, all offerors interested in competing for the LRIP/Production contract will need to submit a complete DRP (as defined in EMD statement of work and reiterated below) as part of its LRIP/Production proposal.

A.3.5 EMD DESIGN REVIEW PACKAGE
A contractor-submitted EMD Design Review Package (DRP) includes:

a. A technical report addressing the verification methods used and the results achieved in demonstrating accomplishment of the EMD phase performance requirements

b. A technical report addressing their planned system changes and verification results that demonstrate successful accomplishment of EMD and Production system performance requirements with low technical risk

c. The final As-Built Configuration List (ABCL) for the JAB upon test completion

d. A list of all changes proposed for the production phase to include a performance and manufacturing risk assessments

e. A summary of all test incidents and deficiencies discovered to include all Failure Analysis Corrective Action Reports (FACARs), corrective actions, and lessons learned

f. Meeting minutes and resulting action item resolution from the Production Readiness Review (PRR), System Verification Review (SVR), and Functional Configuration Audit (FCA)

g. The System Requirements Compliance Matrix (SRCM) including achieved performance during testing

h. Details of the diagnostics integration into prototypes, and any changes or additional integration planned for production systems

i. A listing of all parts used that are already provisioned (have National Stock Numbers (NSNs) assigned)

j. Final Risk Management Status Report

k. Preliminary Operator's Technical Manual

The final released LRIP/Production RFP will contain detailed submission requirements and evaluation criteria in sections L and M.

A.4 CONTROLLED UNCLASSIFIED INFORMATION (CUI)
Information pertaining to the Abrams M1A1 chassis and AVLB Scissor Bridge is subject to International Traffic in Arms Regulations (ITAR) and Export Administration Regulations (EAR) export controls and shall be handled in accordance with CUI handling procedures posted on the JAB website at URL: https://contracting.tacom.army.mil/majorsys/jab/jab.htm. Accordingly, CUI will be made available

through an access request via the FedBizOpps (FBO) website at URL: https://www.fbo.gov/. Offerors will need to be certified under the United States/Canada Joint Certification Program (JCP) at URL: http://www.logisticsinformationservice.dla.mil/jcp/ in order to be granted access. In accordance with Sections L and M, the Government may reject a proposal if the offeror fails to provide evidence that the offeror has obtained, at the time of proposal submission, the Government-provided export controlled information referenced in ATPD 2402 and the LRIP/Production RFP.

A.5 CLASSIFIED INFORMATION
During this contract, the contractor will be required to handle classified information up to SECRET. Offerors must provide evidence of their facility security clearance (Secret). Reference the National Industrial Security Program Operating Manual (NISPOM) dated Feb 2006 for information on how to obtain a Facility Clearance Letter (FCL) (www.dss.mil/isp/fac_clear/download_nispom.html). In accordance with Sections L and M, the Government may reject an offeror's proposal that does not include evidence the offeror has obtained the aforementioned SECRET Facility Clearance at the time of proposal submission. Extensions to this RFP will NOT be granted by the Government to allow time for potential offerors to obtain the aforementioned clearances that do not already possess them.

A.6 DELIVERY AND PERIOD OF PERFORMANCE
Refer to the IMS at Attachment 0002.

A.7 CLAUSES AND PROVISIONS
Clauses and provisions in this document may not appear in consecutive order. Clauses and provisions from the Federal Acquisition Regulation (FAR) and supplements thereto are incorporated in this document by reference and in full text. Those incorporated by reference have the same force and effect as if given in full text.

A.8 ACQUISITION WEB PAGE
All information relating to this request for proposal including pertinent changes/amendments and information will be posted on the following website:
https://contracting.tacom.army.mil/majorsys/jab/jab.htm.

A.9 AMENDMENTS PRIOR TO DATE SET FOR RECEIPT OF PROPOSALS
The Government may revise or amend, the specifications, drawings, or any aspect of the Solicitation prior to the date set for receipt of proposals. If the revisions and amendments are of a nature which requires material changes in quantities, prices offered, or both, the date set for receipt of proposals may be postponed such number of days as in the opinion of the Contracting Officer will enable offerors to revise their proposals. In such cases, the amendment will include an announcement of the new date for receipt of proposals.

A.10 FORMAL COMMUNICATION
Any formal communication, such as requests for clarifications, discussions, and information concerning this solicitation should be submitted in writing electronically to the following address:

E-mail to: Vincent.s.disanto.civ@mail.mil

NOTE: Oral explanations or instructions given before the award of a contract will not be binding.

A.10.1 QUESTIONS AND ANSWERS

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A question and answer period is available until 5:00pm Eastern Standard Time, 16 JAN 2015. Questions and answers will be posted publicly to the following website:
https://contracting.tacom.army.mil/majorsys/jab/jab.htm
Questions that are received by this office after the deadline will be considered late and may not be answered.