



S2MARTS Project 20-12B: ALQ-99 Tactical Jamming Systems (TJS) Low Band Consolidated (LBC) And Improved Universal Exciter Upgrade (iUEU)

Request For Solutions (RFS) Questions & Answers | Posted March 11, 2021

1. **Question:** In section 10.b.ii. does the solution narrative need to describe an approach for a development of a conceptual plan or an approach to the actual LBC and/or iUEU replacement? Similarly, does the task description document and price response need to describe the plan development or the actual WRA/SRA replacement work?

Response: The solution narrative should describe an approach to the actual LBC and or iUEU replacement. The task description document and price response should describe the actual WRA/SRA replacement work.

2. **Question:** Is the iUEU effort addressing Band 0 to 4 only, the entire UEU Band 0 to 10 or 0 to 4 with expansion capability to band 10?

Response: The iUEU effort should address band 0 to 4 only.

3. **Question:** As stated in the RFS, “The iUEU will address obsolescence with Application-Specific Integrated Circuit (ASIC) functionality, enhance current UEU capabilities and encompass technology upgrades that will bring exciters to be electronically equivalent to Next Generation Jammer and support with common JATO libraries”. Based on our knowledge of obsolescence are we addressing Form Fit and Function replacement of existing UEU SRAs or are we able to propose a more modern approach to the UEU “Digital Bucket” by combing SRA functions into a smaller set of new SRAs. There are other issues in the UEU that are not related to obsolete ASICs?

Response: Form and Fit is desired. The unit will need to be backwards compatible with current UEU interfaces.

4. **Question:** For the manufacture of the EDM units, is there a recommended number of prototypes? Will the prototypes need to be flight qualified?

Response: A plan to build a single prototype is desired. Flight qualification is not a requirement at this stage.

5. **Question:** The plan must include an IMS. Is an accompanying cost plan required?

Response: Yes, the delivery of the Modernization Plan (deliverable #2) should include an accompanying cost plan relating to the Integrated Master Schedule. This is separate and distinct from the Section 10 Price response requirement.

6. **Question:** It is stated that additional features must be separately priced. We are considering developing a prototype unit as part of the plan which will be internally funded to meet the 30% cost requirement. Will the Navy waive the pricing requirement of the over and above if this is internally funded?

Response: No waivers will be granted.

7. **Question:** Is the IUEU supporting Next Generation Jammer (NGJ) message formats or existing ALQ-99 formats?

Response: For the purpose of this request, the existing ALQ-99 format is to be supported.

8. **Question:** If entire 0-10 Band frequencies are required, will the Navy provide specific obsolescence issues in the current UEU RF Synthesizer section specific to the RF modules supporting bands 5/6 through 9/10

Response: N/A The frequency range of bands 0 to 4 are the requirement of this solicitation.

9. **Question:** Is the IUEU supporting the Fibre Channel interface and/or the existing 1553 interface?

Response: The iUEU is expected to utilize the existing 1553 interface.

10. **Question:** Is the entire frequency range (bands 0 to 10) required or just current Low Band frequencies (0-4)?

Response: The frequency range of bands 0 to 4 are the requirement of this request.