



# Submitter's Guide

## Cyber Quest 2023 Technology Selection Process

Technology selection occurs in two stages. Stage 1 involves selecting BAA submissions (white papers and quad charts) that meet all requirements outlined in Enclosures 2 - 4. Submissions selected from Stage 1 will be assessed during Stage 2 to determine if they address one or more of the requirements outlined in Enclosure 1. An overview of the technology selection process is provided below.

### **What is Cyber Quest?**

Cyber Quest (CQ) is an Army Focused Warfighting Experiment that provides the Army's capability development community a premier experimentation platform to examine technologies and concepts designed to address solutions for Multi-Domain Operations and cross-domain maneuver at the brigade and above levels.

### **Why Participate in Cyber Quest?**

CQ provides the environment for our industry, academic and government partners to demonstrate their technologies in a realistic setting. CQ is overseen by organizations representing the Army's operational, institutional, capabilities development, and acquisition communities. Technologies demonstrated in CQ will be operated and assessed by trained soldiers.

### **What is Cyber Quest's End State?**

Identify technologies which can make the Army Multi-Domain Operations capable by 2028. The results of Cyber Quest will directly inform the capability development requirements for Multi-Domain Operations, Organizational and Operational Concepts, and Cross

### **Stage 1: White Paper/Quad Chart Validation**

Industry, academic or government organizations may respond to one or more requirements listed in Enclosure 1. A white paper and quad-chart must be provided for each technology.

#### **White Paper**

White Papers must conform to the format in Enclosure 3.

#### **Quad Charts**

Quad-charts must be prepared using the format in Enclosure 4. The quad chart will augment the white paper, providing a one-page summary of the technology.

#### **ITAR Considerations**

U.K. and Australian Foreign Exchange Officers assigned to the Cyber Battle Lab will review submissions. Please indicate if your technology has an ITAR restriction that will prevent the Exchange Officers from viewing your submission. Please see Enclosure 3.

### **Stage 2: Technology Selection**

White papers and quad charts selected during Stage 1 will be evaluated by a panel of technical experts from organizations representing the Army's operational, institutional, capabilities development, and acquisition communities.

#### **Scoring**

White papers (and quad charts) will be scored based on the criteria listed on page 2 of this Enclosure (2), as well as the subjective evaluation of technology selection panel members.

#### **Technology Selection**

White paper scores and the number of technologies addressing specific requirements listed in Enclosure 1, will be considered when making final technology selections for Cyber Quest 2023. Written feedback will be provided to any organization whose technology was not selected.



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## Selection Criteria

All white paper submissions will be evaluated by an expert panel of relevant stakeholders. The criteria below will be used by each of the assessors to identify submissions deemed suitable for selection.

### Desirable

Strategic fit	The proposal is clear on how it meets the broad agency announcement's requirements and it describes the impact for the Army in terms of performance, time and cost.
End user pull	The proposal identifies who would benefit from and exploit the innovation if successful, along with evidence that the customer community would actively support the project.
Compatibility	The proposal shows benefit in Multi-Domain Operations and is not replicated by an existing program of record.

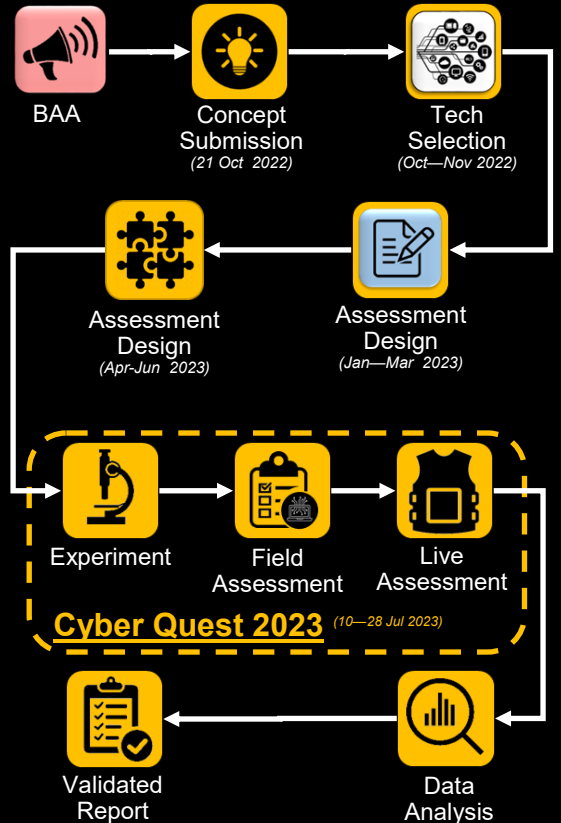
### Feasible

Technically Credible	The proposal is scientifically, technically and practically feasible within the Cyber Quest time-scale. It can be included in a robust testing regime with clear and quantifiable measures of performance. The capability must be at a minimum of Technology Readiness Level 6.
Innovation and risk	The proposer has differentiated their idea from alternative solutions in terms of time, cost or performance. Any technical risks have been identified and assessed, with planned mitigations being viable. If this is a resubmission from a previous year, then feedback has been addressed satisfactorily and the proposal has developed.
Expertise and capability	The proposal provides evidence of the team's relevant expertise and experience in the technical area of the innovation, along with their capability to deliver the project.

### Viable

Delivery	The proposal identifies in sufficient detail any links or dependencies with other systems. Where the proposal requires access to government provided equipment this has been planned for, is justified, reasonable and available.
Exploitation	The proposer has considered how their innovation could be integrated into existing systems and capabilities. If applicable, the proposal explains how production can be scaled up to develop and incorporate this innovation beyond Cyber Quest.
Cost	The proposal gives a clear description of how their company will be supporting the project (if applicable).

## Key Events



## Report Outcomes





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## White Paper Contents

### Cover Page (Does not contribute to five page length)

- The BAA number.
- Any required security markings.
- Your Commercial and Government Entity (CAGE) Number.

### Main Body (no more than five pages, including annexes and enclosures)

#### Section 1: Perceived Military Benefit and Utility

Description of the functionality provided by the capability.	<ul style="list-style-type: none"><li>• Summarize what the capability does.</li><li>• Which capability requirement(s) does it address?</li><li>• How do you see it being employed?</li><li>• What will it enable the soldier to perform?</li><li>• State perceived use cases.</li></ul>
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#### Section 2: Capability Description

High-level description of the capability being addressed in the white paper should include the following topics (as appropriate).	<ul style="list-style-type: none"><li>• Technology's TRL (<a href="http://acqnotes.com/acqnote/tasks/technology-readiness-level">http://acqnotes.com/acqnote/tasks/technology-readiness-level</a>).</li><li>• Hardware description, such as: physical interfaces; expected performance parameters; documentation; size, weight, and power; antenna information; frequency bands.</li><li>• Software description, such as: operating system; platform; software interfaces; compatibility/ interoperability with existing commercial protocols; Application Programming Interface; portability of software solutions.</li><li>• Software supportability and sustainability, including licensing and patching model.</li><li>• Product roadmap: future release dates; planned features; and end-of-life for specific versions.</li><li>• Third Party Software: any third party software either required for functionality.</li><li>• How will technology be integrated with other technologies or Command and Control systems?</li></ul>
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### Quad Chart (Does not contribute to five page length)

- Must use the approved Microsoft PowerPoint template (Enclosure 4). **Do not submit in PDF.**
- POCs should be someone who can answer technical questions about the technology and be authorized to make commitments on behalf of the technology's organization.

### Submission

All submissions should be sent to Ms. Shana Gurley ([shana.l.gurley.ctr@army.mil](mailto:shana.l.gurley.ctr@army.mil)) no later than **04 Nov 2022**.

## Format and Setup

### Page Formatting

- ☐ Be single-sided.
- ☐ Single line spaced.
- ☐ One inch margins.
- ☐ 12 pitch font.

### Classification

- ☐ Protectively marked with a protective legend IAW FAR 52.215-1(e).
- ☐ Unclassified.
- ☐ ITAR restrictions specified.

### Miscellaneous

- ☐ Saved in print capable Word or PDF.
- ☐ Not password protected.
- ☐ File size not to exceed 5MB.
- ☐ No more than 5 pages.

**Documents submitted in any format other than that listed above will result in submission rejection.**