

National Center for Manufacturing Sciences - Sources Sought for the Repair Technology Exercise (REPTX): Train-REX

Company Name:

Address:

POC:

Email:

Phone:

A Playable Product Sample (Mandatory): The most critical requirement is access to a playable sample of an existing training product you have developed. Submissions without a sample that our team can evaluate will not be considered. Please provide a URL or clear instructions for access.

A Written Proposal (RFD Attachment): Your proposal must be a single PDF document that details your company's approach and experience. To ensure a consistent and fair evaluation, your proposal must address the following points:

Technology Overview: An explanation of your training technology/methodology, its current development status, and any available test data supporting its performance claims (Not to exceed 200 words).

Ancillary Equipment: An overview of any ancillary or support equipment and services necessary to operate your solution.

Portability: A description of your solution's portability, including weight, physical dimensions, and power (service) requirements of any required hardware (Not to exceed 200 words).

Applicable Spec Sheets: Please include any relevant specification sheets for your technology within the PDF proposal.

Capability Statement: Provide a statement of your unique competitive advantage. Specifically address what distinguishes your organization's approach, capabilities, or solution from other potential vendors in the marketplace.

Answers to a Technical & Business Questionnaire: Your proposal must explicitly answer the following questions:

Technical & Solution Details

Platform & Hosting: Can your training be hosted on an on-premise, air-gapped government server, or does it require a cloud/internet connection? If your solution requires a cloud/internet connection, what is its current cybersecurity and Authority to Operate (ATO) status? If you do not have a current ATO, describe your solution's architecture (e.g., FedRAMP level, GovCloud hosting) and your organization's capability to support the ATO process.

Hazardous Materials (HAZMAT): Please disclose any HAZMAT, including lithium batteries, required for your solution. For each identified item, briefly describe the potential impact on storage, transportation, and operational use in a naval environment.

Required User Hardware & Dependencies: From the itemized hardware list provided in your Supply-Chain Assurance response, please specifically identify which items are required for an end-user to run your training solution. For these end-user items (especially any headsets), please clarify if your solution is dependent on that specific make and model, or if it is hardware-agnostic (e.g., OpenXR compliant).

Accessibility Approach: Please describe your organization's general approach to accessibility in your product design, or list any commercial or federal accessibility standards you currently align with.

Optional Video: You may provide a URL to a video demonstrating your technology in action. The video does not need to be professionally produced; it can be recorded using cell phone.

Business & Strategy

Business Model: What is your typical business model (e.g., annual subscription, per-user license, enterprise license)? Please provide notional cost structures if possible and clarify if, and at what level, technical support is included in this model.

Development Timeline: What is your average development timeline to create a new training module for a piece of equipment of moderate complexity?

Development Scalability: Describe your organization's capacity to scale development. For example, what is the maximum number of new training modules of moderate complexity you can develop simultaneously, and what is your timeline to deliver a batch of five new modules?

Data Rights & Intellectual Property: Please describe your proposed data rights model for all training content (including, but not limited to, 3D models, videos, audio, interactive courseware, etc.) developed during this exercise. The Government's objective is to obtain, at a minimum, Government Purpose Rights to all training content created for the specific Navy equipment featured in this event, allowing for use across the U.S. Government. Please confirm your organization's ability and willingness to meet this objective.

Security & Compliance

Supply Chain Assurance: To comply with U.S. law and Department of War (DoW) security protocols, please provide an itemized list (including make and model) of all hardware you intend to bring into the facility and provide the following certifications for all items on that list. This applies to both the equipment required to run your training solution (e.g., laptops, servers, headsets) and any devices used to capture data during Phase 1 (e.g., digital cameras, 3D scanners, audio recorders).

Section 889 Compliance: Please certify that your solution and all associated hardware do not utilize "covered telecommunications equipment or services" from prohibited entities as defined in Section 889 of the National Defense Authorization Act (NDAA) for Fiscal Year 2019. These entities include, but are not limited to, Huawei Technologies Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company, and any of their subsidiary or affiliate entities.

Disclosure of Other Foreign Sourcing: Separately, please disclose if any hardware or software components in your solution are sourced from entities known to be owned or controlled by the governments of the Russian Federation, Iran, or North Korea.

A direct URL

Any necessary access instructions for your Playable Product Sample