

**Request for Information (RFI)**  
**Under the**  
**Expeditionary Missions Consortium – Crane (EMC<sup>2</sup>)**  
**Number: N00164-24-9-0001**

**EMC<sup>2</sup>-RFI-26-02**  
**Autonomous Systems to Reduce Risk Warfighters Encounter**

**RFI Issue Date: 5 Feb 2026**

**RFI Responses Due: 9 March 2026**

## **Background**

This Request for Information (RFI) is issued by the Expeditionary Missions Consortium – Crane (EMC<sup>2</sup>) in support of the Naval Surface Warfare Center for the specific topic area identified below. The Topic Sponsor desires to collaborate with EMC<sup>2</sup> Members and industry to discuss the topic and possibly shape future EMC<sup>2</sup> Request for Solutions (RFS).

**Feedback will not be provided and responses to the RFI papers will not be returned.**

## **RFI Topic**

**EMC<sup>2</sup>-RFI-26-02: Autonomous Systems to Reduce Risk Warfighters Encounter**

**RFI Topic Sponsor:** Marine Corps

## **Objectives**

- NSWC Crane is looking for autonomous systems to reduce the risk a warfighter faces by searching for Uncrewed System (UxS) solutions (UGV, UAV, USV, UUV) that can meet some/all of the below numbered items.
- The solution must meet topics in the REQUIRED section (Questions 1-3).
- If applicable, please answer the questions in the ADDITIONAL INFORMATION section (Questions 4-12). If your system doesn't apply to a number indicate this by using "N/A" for that question.

## **Topics to be Addressed within RFI Response**

Please use a numbered format on the submission that correlates to the below numbered items.

You can expound on each section and include pictures where deemed necessary. Please ensure the submitter answers each section.

## **REQUIRED**

1. **Weight:** Total weight of the system must be 45lbs or less.
  - a. Please indicate the weight of single UxS system.
2. **Battery Life:** The fully encumbered system must have a minimum of a 30-minute run time after it is deployed from the delivery mechanism. Please indicate the battery life of your system.
3. **Minimum speed:** The system must keep pace with a human (between 2.5 and 4 mph).

## **ADDITIONAL INFORMATION**

4. **Carrying Capacity:**
  - a. How much weight can your UxS carry?
  - b. At its max weight and at full speed (please indicate the fastest speed the UxS can go), how much distance can the UxS cover?
5. **Safety:**
  - a. Indicate if your system has a redundant safety (visible LED lights, pull pins, etc.) for dropping/deploying items.
  - b. Indicate if your system has a timer feature that once the deployment of an item is triggered by a person there is a delay (ex. 10 seconds-1 minute) before the item is deployed.

6. **Cost:**
  - a. What is the cost (or estimated cost) per unit?
  - b. How fast can you produce each unit (how many units per month)?
7. **Blue UAS:**
  - a. Is the UxS on the current Blue UAS list?
  - b. If not, are all parts manufactured in the US or an allied country?
8. **TRL:**
  - a. What is the TRL of your system?
  - b. Please indicate if your UxS has been showcased in any testing events. If so, what events?
9. **ATAK (Android Tactical Assault Kit):**
  - a. Please indicate if your UxS has the ability to work with an ATAK.
10. **Autonomy:**
  - a. Please indicate if your UxS has any level of autonomy integration. If so, how does it operate, planned path, waypoint, edge autonomy, etc.?
11. **Contested/Operational Environment:**
  - a. Please indicate if your UxS has the option to work in a contested environment by following hand signals, voice commands, etc. If so, which option does it utilize?
  - b. Please indicate your system's emission profile. Can it operate in a stealthy way limiting auditory, visual, and thermal emissions?
12. **Kinetic/Non-Kinetic launcher:**
  - a. Please indicate if your UxS already has a kinetic or non-kinetic capability integrated on it. If so, please describe the system and indicate if it has been tested and has safety approvals.

**Note:**

- Responses may be shared with other partner organizations for potential additional use cases not originally planned in this RFI.
- Response could potentially lead to contact from NSWCC Crane personnel inquiring additional information about your products.

**Format Requirements of the RFI Papers**

Organization details:

- Organization name
- Submitters name, phone number, and email
- City, State of organization or where submitter is based

Submissions files should not exceed 10MB and include the following:

- Word Documents or PDFs
  - o Not to exceed 5 pages
  - o Organization details listed on first page
- PowerPoints
  - o Not to exceed 5 slides
  - o Organization details listed on first slide

- Times New Roman 10 (or larger) Single-spaced, single-sided, 21.6 x 27.9 cm (8.5 by 11 inches).
- Smaller type may be used in figures and tables, but must be clearly legible.
- No pictures of a marketing/advertising nature or hyperlinks are allowed.
- File format must be Microsoft Word, PDF, or PowerPoint.
- These RFI submissions will be shared with the Sponsor; therefore, all information must be **non-proprietary**.
- Do not submit classified information.

### **Eligibility**

Any industry member is authorized to submit a solution for the listed RFI above. However, to be eligible to respond to any future RFS, respondents must be a member of the EMC<sup>2</sup> Consortium and be a 'Member in Good Standing'.

### **Submission Instructions**

Respondents are required to submit complete RFI documents that demonstrate the objectives identified above.

Submit responses and technical questions to the ATI email address listed below:

[emc.responses@ati.org](mailto:emc.responses@ati.org)

For general submission questions or if you need a secure link to send CUI documents, please contact the EMC<sup>2</sup> Consortium Manager, ATI, at [emc@ati.org](mailto:emc@ati.org). Visit the EMC<sup>2</sup> website at [emccrane.org](http://emccrane.org) for membership requirements.

This RFI is issued solely for information purposes. It does not constitute an RFS or a promise to issue an RFS in the future. This RFI does not commit the Government to contract for any supply or service in any manner. Respondents are advised that the U.S. Government will not pay for any information or administrative costs incurred in response to this RFI; all costs associated with responding to this RFI will be solely at the interested parties' expense. Not responding to this RFI does not preclude participation in any future RFS, if any is issued.