Low-Cost Mesh Radio
Request for Information (June 2026)

CONTRACT OPPORTUNITY TYPE: Special Notice-RFI

PSC: 5820 NAICS: 334220

CONTRACTING OFFICE: 7701 Tampa Point Blvd, MacDill AFB, Florida 33621

1. SUBJECT: This Request for Information (RFI) from the United States Special Operations Command (USSOCOM) Program Executive Office (PEO) – Tactical Information Systems (TIS), Remote Advise and Assist – Virtual Accompany Kit (RAA-VAK) Program Management Office (PMO) is conducting market research to identify possible sources for a low-cost mesh radio that can operate in contested environments.

2. NOTICE: This RFI is issued for **market research only**. The information provided may be used by the Government in developing its acquisition strategy, Statement of Work, Statement of Objectives, and/or performance specifications. Interested parties are responsible for adequately marking proprietary or competition sensitive information contained within their response. **Responses should include a product description with performance parameters, a statement on current availability, a summary of any prior testing (if applicable), test reports addressing resolution and accuracy (if applicable), and a rough order-of-magnitude (ROM) for production units. Please also include the firm's name, address, point of contact, phone number, and email address.**

3. SYSTEM REQUIREMENTS:
   - **Physical Dimensions** - Less than 35 in
   - **Weight** - Less than 9 ounces
   - **Power Source** - Must have a rechargeable internal power source
   - **Power Source Charging** - Must be rechargeable using a non-proprietary charging cable
   - **Scalability** - Must be capable of operating 12 nodes in a single mesh network
   - **Battery Life** - Must operate for 8 hours when transmitting 1 text message or location update per hour
   - **Free-Text Messaging** - Must be capable of sending free-text messages which are created by the user
   - **Ruggedization** - Must be ruggedized for use in all operating environments
   - **Data Encryption** - Must encrypt transmitted data using AES-256 encryption
   - **Transmission Latency** - No greater than 10 seconds

- **Pre-defined Messages** - Must be capable of sending pre-defined messages which can be modified by the user

4. TIMELINE: Responses are due on or before **01 July 2026**

5. DISCLAIMERS: THERE IS NO SOLICITATION PLANNED AT THIS TIME. This RFI does not constitute a request for proposals and is not to be construed as a commitment, implied or otherwise, by the Government that a procurement action will be issued; submission of any information in response to this market research is purely voluntary; and the Government assumes no financial responsibility for any costs incurred as a result of the submission of the requested information or any follow-up information requests.

6. POINTS of CONTACT: Submit responses to this RFI to Stephanie Mathewson, RAA-VAK APM, stephanie.a.mathewson.civ@socom.mil and Steve Gilby, Systems Requirements Engineer, Steven.Gilby.ctr@socom.mil.