

## **Sole Source Contract Request**

**Department:** United States Navy

**Contract Number:** N001-24-SOLE-001

**Issue Date:** October 20, 2024

**Response Deadline:** November 15, 2024

### **1. Overview:**

The United States Navy is seeking a sole-source contractor to design, manufacture, and deliver a **Portable Signal Interception and Decryption Unit (PSIDU-3000)**. This unit must meet specific military-grade standards and operational requirements for secure communications in remote and hostile environments. The PSIDU-3000 will be used in advanced electronic warfare scenarios, requiring a unique combination of interception, real-time decryption, and data transmission capabilities.

### **2. Scope of Work:**

The selected contractor will be responsible for the following:

- **Design and Development:**

- Develop a portable unit (less than 10 lbs) capable of intercepting signals across a frequency range of 30 MHz to 6 GHz.
- Integrate a real-time decryption module compatible with both AES-256 and proprietary military encryption protocols.
- Ensure the unit has an integrated, secure satellite communication link for data transmission.

- **Manufacturing:**

- Manufacture 50 units with consistent performance standards.
- Ensure the unit meets MIL-STD-810G standards for durability (shock, vibration, extreme temperatures).
- Conduct electromagnetic compatibility testing (MIL-STD-461F).

- **Testing and Evaluation:**

- Perform initial factory acceptance tests (FAT) to validate functionality.
- Assist Navy personnel in field testing and provide modifications based on feedback.

- Provide a detailed test report with recommendations for operational deployment.

### **3. Minimum Requirements:**

To be considered, the contractor must demonstrate:

- Proven expertise in the development and production of military-grade signal interception technology.
- Prior experience with projects involving secure communication systems for U.S. Department of Defense (DoD) or related government entities.
- Capability to produce and deliver the PSIDU-3000 units within 12 months of contract award.
- Certification of compliance with relevant military standards (e.g., MIL-STD-810G, MIL-STD-461F).

### **4. Justification for Sole Source:**

The PSIDU-3000's technical requirements necessitate a sole-source award due to the need for specialized encryption handling and secure communication technology not available in the commercial marketplace. The equipment must interface seamlessly with existing Navy systems, and the contractor must have the capability to customize the unit's software to meet specific encryption protocols. Due to these specialized requirements, Quinindustries is identified as the only vendor capable of fulfilling this contract in the required timeframe.

### **5. Deliverables:**

- **Fifty (50) PSIDU-3000 units**, fully operational and tested.
- **Technical documentation** including user manuals, maintenance guides, and troubleshooting procedures.
- **Training sessions** for Navy personnel on setup, operation, and basic maintenance.
- **Ongoing technical support** for a period of 24 months post-delivery.

### **6. Contract Type:**

Firm Fixed Price (FFP)

### **7. Submission Requirements:**

Interested parties must submit the following by the response deadline:

- A comprehensive technical proposal detailing the design and functionality of the PSIDU-3000.
- A project timeline with key milestones.
- Past performance references for similar projects.
- A cost proposal outlining unit pricing, training costs, and post-delivery support.

**8. Point of Contact:**

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