

Annex A – Summary of Requirements

Project No. 2023/0CM03068, CUR3442

1. Project Objective

This project is intended to deliver five (5) Broadcast, Ship-Shore and MRL (BRASS) IP Enhanced System (BRIPEs) deployable CIS kits for Standing Naval Force (SNF) Flagships to meet the operational requirement for MARCOM to perform the mission C2 with a resilient, agile and guaranteed capability in C2D2E, where SATCOM denial is likely. BRIPEs kits will allow the C2 capability between ashore and afloat commands through HF communications established with the NATO Beyond Line of Sight Access Points (BLOS APs).

The BRIPEs CIS kits will be deployed alongside with the SNF CIS kits on the Flagships. Each BRIPEs CIS kit will be able to interface services from/to the SNF kits and use the HF communications bearer to connect to the BLOS APs, thus supporting the NATO Flagship Command to exchange information with the shore command in a C2D2E.

The BRIPEs CIS kits will utilise the ship's existing HF infrastructure (Tx/Rx) up to the possible extent in regards to the BRE1TA requirements compliancy. The design of the BRIPEs kits will include all the necessary equipment to allow a standalone connectivity to BLOS AP, in case the Flagships' existing infrastructure is not compliant with BREITA. The services provided by the BRIPEs kits encompass:

- Formal messaging (ACP127 and STANAG 4406)
- Informal messaging (Email)
- Instant messaging
- 'Regulated' web/portal services
- Directory Services
- Data link Management services
- Mobility Services
- Security Services

The project scope includes the procurement of the BRIPEs SW, which is composed of commercial off the shelf (COTS) SW and encompasses the applications that allow the operation and monitoring of the BRE1TA services, the firmware to support the BRIPEs SW, including the radio assets to allow the access to the HF bearer. It also encompasses the integration of the full architecture in a robust, secure, transportable and on-board easy-to-install BRIPEs kits deployable solution.

2. Scope of Work

The project scope is to provide the five BRIPES Kits, BRIPES SW, and services, and to prove that the specific technical services can operate over the flagships infrastructure. In addition, the Project will prove that Purchaser Furnished Equipment (PFE) can run over the above infrastructure and technical services. The contract scope is for the provision by the contractor of the following activities:

- Project Management
- System Design
- Procurement of Hardware and Software
- First Article System Test
- Production Units
- System Integration and Test
- Integrated Logistics Support
- Change Management
- Configuration Management
- Quality Assurance Testing and Acceptance
- Security Accreditation

3. Period of Performance

The Period of Performance is anticipated to start in Q1 2026 and end in Q2 2027. It is important to note that this timeline represents the anticipated duration of the Project, and adjustments may be made as per the requirements of the solicitation process and subsequent contractual agreement.

4. Warranty

The contract includes a warranty period of one (1) year after the Final System Acceptance (FSA).