

**Czechia – Design and execution of research and development – Development of DFMC SBAS /HARAIM Receiver Demonstrator**  
**OJ S 124/2024 27/06/2024**  
**Prior information notice or a periodic indicative notice used only for information Services**

---

## 1. Buyer

### 1.1. Buyer

Official name: European Union Agency for the Space Programme

Legal type of the buyer: EU institution, body or agency

Activity of the contracting authority: General public services

---

## 2. Procedure

### 2.1. Procedure

Title: Development of DFMC SBAS/HARAIM Receiver Demonstrator

Description: The current procurement process aims to develop a high maturity prototype receiver for GPS/GAL DFMC SBAS + H-ARAIM. This prototype will help validate the Minimum Operational Performance Standards (MOPS). This validation will be useful to promote the MOPS as an acceptable means of compliance with regulatory documents for operational use, such as the European Technical Standard Order (eTSO). Additionally, the contract aims to incorporate Navigation Message Authentication capabilities into the receiver for both Galileo OS and SBAS. The goal is to define the necessary resources and develop minimum requirements for airborne equipment using these authentication features. These minimum requirements will be proposed for inclusion in the EUROCAE/RTCA MOPS.

Internal identifier: EUSPA/PRG/2024/CPN/0008-PIN

#### 2.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73300000 Design and execution of research and development

#### 2.1.3. Value

Estimated value excluding VAT: 4 000 000,00 EUR

#### 2.1.4. General information

Additional information: This prior information notice announces the intention of the contracting authority to publish a future call for tenders. No other information or documents are available at this stage. Interested economic operators are invited to subscribe at the link <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/tender-details/c1a918fa-3f7b-4a88-824c-25321f147e49-PIN> in order to get notified when the contract notice and all the procurement documents, including the tender specifications, are published.

Legal basis:

Regulation (EU, Euratom) 2018/1046

---

## 3. Part

### 3.1. Part: PAR-0001

Title: Development of DFMC SBAS/HARAIM Receiver Demonstrator

Description: The current procurement process aims to develop a high maturity prototype receiver for GPS/GAL DFMC SBAS + H-ARAIM. This prototype will help validate the Minimum Operational Performance Standards (MOPS). This validation will be useful to promote the MOPS as an acceptable means of compliance with regulatory documents for operational use, such as the European Technical Standard Order (eTSO). Additionally, the contract aims to incorporate Navigation Message Authentication capabilities into the receiver for both Galileo OS and SBAS. The goal is to define the necessary resources and develop minimum requirements for airborne equipment using these authentication features. These minimum requirements will be proposed for inclusion in the EUROCAE/RTCA MOPS.

#### **3.1.1. Purpose**

Main nature of the contract: Services

Main classification (cpv): 73300000 Design and execution of research and development

Additional classification (cpv): 34700000 Aircraft and spacecraft

#### **3.1.3. Duration**

Duration: 39 Months

#### **3.1.4. Value**

Estimated value excluding VAT: 4 000 000,00 EUR

#### **3.1.6. Procurement documents**

Ad hoc communication channel

Name: Funding and Tenders Portal

URL: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/tender-details/c1a918fa-3f7b-4a88-824c-25321f147e49-PIN>

#### **3.1.8. Techniques**

Framework agreement: No framework agreement

#### **3.1.9. Further information, mediation and review**

Review organisation: Court of Justice of the European Union

## **8. Organisations**

---

### **8.1. ORG-0001**

Official name: European Union Agency for the Space Programme

Registration number: EUSPA

Department: EUSPA.OED - EXECUTIVE DIRECTOR,EUSPA.OED.ADM - ADMINISTRATION, EUSPA.OED.ADM.LEG - LEGAL AND PROCUREMENT

Postal address: Janovského 438/2, Prague 7 – Holesovice

Town: Prague

Postcode: 170 00

Country subdivision (NUTS): Hlavní město Praha (CZ010)

Country: Czechia

Email: [tenders@euspa.europa.eu](mailto:tenders@euspa.europa.eu)

Telephone: +420 234 766 000

Internet address: <https://www.euspa.europa.eu/about/how-we-work/procurement>

**Roles of this organisation:**

Buyer

### **8.1. ORG-0002**

Official name: Court of Justice of the European Union  
Registration number: CURIA  
Postal address: Rue du Fort Niedergrünewald  
Town: Luxembourg  
Postcode: L-2925  
Country subdivision (NUTS): Luxembourg (LU000)  
Country: Luxembourg  
Email: [GC.Registry@curia.europa.eu](mailto:GC.Registry@curia.europa.eu)  
Telephone: +352 4303-1  
Internet address: <http://curia.europa.eu>  
**Roles of this organisation:**  
Review organisation

#### 8.1. ORG-0003

Official name: European Commission  
Registration number: EUCOM  
Postal address: Mondrian (CDMA), Rue du Champ de Mars 21  
Town: Brussels  
Postcode: B-1050  
Country subdivision (NUTS): Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad (BE100)  
Country: Belgium  
Email: [tenders@euspa.europa.eu](mailto:tenders@euspa.europa.eu)  
Telephone: +32 2 299 11 11  
Internet address: <https://commission.europa.eu/>  
**Roles of this organisation:**  
TED eSender

## 11. Notice information

---

### 11.1. Notice information

Notice identifier/version: b0e6e3c3-fffd-4d61-97bf-a248f9b17844 - 01  
Form type: Planning  
Notice type: Prior information notice or a periodic indicative notice used only for information  
Notice dispatch date: 25/06/2024 17:08:20 (UTC+2)  
Languages in which this notice is officially available: English

### 11.2. Publication information

Notice publication number: 381710-2024  
OJ S issue number: 124/2024  
Publication date: 27/06/2024  
Estimated date of publication of a contract notice within this procedure: 16/07/2024