

## CORRIGENDUM No. 3

### EUSPA/OP/17/24: EGNSS Service Demonstrator (ESD)

Date: 24/06/2025

(EUSPA internal reference: 313902)

- In the Tender Specifications (Annex I to the Invitation to Tender), section 1.6 “Indicative timeline” is modified as follows:

Timetable	Date	Comments
Launch of procurement	04 April 2025	
Deadline for submission of a non-disclosure undertaking and documents indicated in Section 1.7 (hereafter referred to as ‘NDU’) for access to proprietary information relevant for the tender preparation (advisable)	02 May 2025	In accordance with section 1.7. The time period for submission of a request for entering into an NDU is advisable and aims at ensuring enough time for the tenderers to prepare their tenders.
Deadline for request of clarifications from EUSPA	16 July 2025	Requests to be sent in writing only to: <a href="mailto:tenders@euspa.europa.eu">tenders@euspa.europa.eu</a> Please refer to section 4.11 for more details.
Last date on which clarifications are issued by EUSPA	18 July 2025	All clarifications including / related to Proprietary Information (see section 1.6) will be sent via email to the economic operators who have signed NDUs in accordance with section 1.7; clarifications not including / related to proprietary information shall be published on: <a href="http://www.euspa.europa.eu/euspa/procurement">http://www.euspa.europa.eu/euspa/procurement</a> ;
Deadline for submission of tenders	24 July 2025	According to conditions for submission under section 4 of these specifications
Opening session and start of the evaluation session	28 July 2025	Maximum one legal representative per participating tenderer may attend the opening session. Tenderers shall inform the Agency of their intention to attend, at least 5 working days prior to the opening session
Completion date for evaluation of tenders and award	September 2025	Estimated

Timetable	Date	Comments
Signature of contracts	October 2025	Estimated

- In the Statement of Work for the EGNSS Service Demonstrator Framework Contract issue 1.0, Annex I.I.a of the Invitation to tender, the following elements are modified:

Use Cases UC-EGNSS-ST-0011 and UC-EGNSS-ST-0012 in Table 7-1 are no longer under Specific Contract #4 but are foreseen for other potential specific contracts.

Related Specific Contract	Use Case ID	Use Case Title	Timeframe
Other potential specific contracts <sup>Corrig 3</sup>	UC-EGNSS-ST-0011	Galileo Authentication (SAS) Test Signal Service	TBD
	UC-EGNSS-ST-0012	Galileo Open Service for IoT	TBD

Consequently, the Statement of Work for the EGNSS Service Demonstrator Framework Contract issue 1.0 is replaced with issue 1.1 annexed to this Corrigendum.

- In the Statement of Work for the EGNSS Service Demonstrator Specific Contract #1 issue 1.0, annex I.I.b of the Invitation to tender, the following elements are modified:

Dates in column “Milestone Achievement Date” in Table 4-1 are now only referred to T0 and subsequent relative dates have been deleted. T0 is now defined as ESD-SC1 contract signature instead of ESD SC1 KO. ESD SC1 KO shall take place no later than 2 weeks from T0.

**Table 4-1: ESD module #1 Facility Milestones** <sup>Corrig 3</sup>

Milestone	Milestone Achievement Date	Remark
ESD SC1 Contract signature	T0	Start of the SC1 activities
ESD SC1 KO	T0 + 2 weeks	Delivery of PDR documents which are provided at proposal level and to be updated for KO.
ESD module #1 Critical Design Review (CDR)	T0 + 3 months	ESD Facility Critical Design Review Approval of the ESD design, plans and schedule for delivering the system that meets the requirements.
ESD module #1 in-factory Qualification Review #1 (in-factory QR1)	T0 + 8 months	Qualification of the ESD V1.0 centralised facility and SBAS DFMC core (in-factory). After in-factory QR1 the ESD V1.0 Facility and DFMC core infrastructure is deployed in the ESD hosting and back-up sites and integrated within the rest of the hosting site infrastructure to complete the ESD V1.0 acceptance.

Milestone	Milestone Achievement Date	Remark
ESD module #1 Acceptance Review #1 (AR1) and Qualification Review #2 (in-factory QR2)	T0 + 12 months	<p>AR1:</p> <ul style="list-style-type: none"> <li>Demonstration and Qualification of the ESD V1.0 centralised facility and SBAS DFMC core (on-site).</li> <li>After QR the ESD V1.0 centralised facility and SBAS DFMC core infrastructure is made fully available to the Contracting Authority and the ESD operator (early access).</li> </ul> <p>This AR1 shall confirm that the deployed ESD V1.0 centralised facility and SBAS DFMC core infrastructure is able to perform all anticipated activities, and that the operations phase linked to ESD can start using <u>internet dissemination</u>.</p> <p>QR2:</p> <ul style="list-style-type: none"> <li>Together with the development of the ESD V1.0 centralised facility and SBAS DFMC core infrastructure, as part of the QR2 the design of the uplink facility to allow GEO dissemination will be qualified in-factory.</li> <li>Qualification of the ESD V1.1 centralised facility and SBAS DFMC core (in-factory).</li> </ul> <p>After in-factory QR2 the ESD V1.1 centralised facility and SBAS DFMC core infrastructure is deployed in the ESD hosting site and integrated within the rest of the hosting site infrastructure to complete the ESD V1.1 qualification</p>
ESD module #1 Acceptance Review #2 (AR2)	T0 + 18 months	<p>Demonstration and Qualification of the ESD V1.1 centralised facility and SBAS DFMC core (on-site).</p> <p>After AR2 the ESD V1.1 centralised facility, uplink facility and SBAS DFMC core infrastructure is made fully available to the Contracting Authority and the ESD operator (early access).</p> <p>This AR2 shall confirm that the deployed ESD V1.1 centralised facility, uplink infrastructure and SBAS DFMC core infrastructure is able to perform all anticipated activities, and that the operations phase linked to ESD can start using internet and GEO broadcast dissemination.</p>

Milestone	Milestone Achievement Date	Remark
End of initial warranty and maintenance period of the ESD V1.1  EoC	T0 + 30 months	Warranty and maintenance as per activities described in sections 5.6 and 5.7 must continue until this milestone, where the SC1 activities end.

Consequently, the Statement of Work for the EGNSS Service Demonstrator Specific Contract #1 issue 1.0 is replaced with issue 1.1 annexed to this Corrigendum.

- In the Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract #2 issue 1.0, annex I.I.c of the Invitation to tender, the following elements are modified:

**Table 4-1: ESD module #2 Milestones** Corrig 3

Milestone	Milestone Achievement Date	Remark
ESD-ES-SC2 signature	T0	Start of the ES-SC2 activities
ESD SC2 KO	T0 + 2 weeks	Delivery of any documents which are provided at proposal level and shall be updated for KO.

Milestone	Milestone Achievement Date	Remark
ESD module #2 Preliminary Design Review (PDR)	T0 + 3 months	PDR: Preliminary design requirement allocation of the EGNSS high accuracy with integrity core After the PDR, the contractor is allowed to start the activities towards the CDR.
ESD module #2 Critical Design Review (CDR)	T0 + 6 months	CDR: Critical design of system requirements of the EGNSS high accuracy with integrity core After the CDR, the Contractor is allowed to start the development activities.
ESD module #2 Qualification Review (in-factory QR)	T0 + 18 months	QR: Qualification of the integrity for EGNSS HA core (in-factory). <ul style="list-style-type: none"> <li>Demonstration and Qualification of the integrity for EGNSS HA core (in-factory).</li> </ul> This QR shall confirm that the core is able to perform all anticipated activities (in factory). After in-factory QR the integrity for EGNSS High Accuracy core is ready to be deployed in the ESD hosting and uplink hosting sites to complete its qualification.
ESD module 2 Acceptance Review (AR)	T0 + 21 months	AR: <ul style="list-style-type: none"> <li>Demonstration and Qualification of the integrity for High Accuracy core (on-site).</li> <li>The core is made fully available to the Contracting Authority and the ESD operator (early access) for preparing and running the validation.</li> </ul> This AR shall confirm that the deployed core is able to perform all anticipated activities, and that the operations phase linked to the integrity service for EGNSS HA can start.
End of initial warranty and maintenance period of the module 2 ES-SC2 EoC	T0 + 33 months	Warranty and maintenance as per activities described in section 5.6 of the FWC SOW must continue until this milestone, where the ES-SC2 activities end.

- Use Case identifier in Annex A.2 has been updated from UC-EGNSS-ST-0001 to UC-EGNSS-ST-0007 and references in Use Case Post Conditions to Monitoring Galileo OSNMA key performance indicators (KPIs) have been removed.

Use case Id	Use case title	
UC-EGNSS-ST-0007	Galileo High Accuracy Service Provision through alternative means (not SIS)	
Use case objective		
<i>Analyse the impact of the Galileo HAS performance and behaviour in a realistic operational condition.</i>		
<i>Provide the capability to test new Service Provision concepts based on the dissemination of HAS corrections and authentication information through alternative means (not SIS)</i>		
<i>Support HAS receivers’ prototyping activity.</i>		
Use case description		
<i>The provision of Galileo HAS corrections and authentication information through alternative means is under analysis at EC level. The Service Demonstrator should allow the test of several options when the feasibility study will be on-going. The Service Demonstrator should generate HAS corrections message, based on the HAS ICD and the outcome of the relevant study. Therefore, the Service Demonstrator shall allow the test of the proposed new concepts in a realistic operational environment.</i>		
Use case timeframe		
TBD		
Use case pre-conditions		Use case post-conditions
<ul style="list-style-type: none"><li>• <i>Capability to generate HAS correction data</i></li><li>• <i>Capability to broadcast the HAS corrections data and authentication information on different means, alternative to SIS</i></li></ul>		<ul style="list-style-type: none"><li>• <i>Successful generation of high accuracy correction data</i></li><li>• <i>Monitoring of Galileo HAS key performance indicators (KPIs)</i></li><li>• <i>Relevant receiver prototypes developed</i></li></ul>
Use case activity sequence		
<i>To be developed at a later stage</i>		

Consequently, the Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract #2 issue 1.0 is replaced with issue 1.1 annexed to this Corrigendum.

- In the Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract #3 issue 1.0, annex I.I.d of the Invitation to tender, the following elements are modified:

Dates in column "Milestone Achievement Date" in Table 4-1 are now only referred to T0 and subsequent relative dates have been deleted. T0 is now defined as ESD-ES-SC3 contract signature instead of ESD-ES-SC3 KO. ESD-ES-SC3 KO shall take place no later than 2 weeks from T0.

**Table 4-1: ESD module #3 Facility Milestones** <sup>Corrig3</sup>

Milestone	Milestone Achievement Date	Remark
ESD SC3 signature	T0	Start of the ES-SC3 activities
ESD SC3 KO	T0 + 2 weeks	Delivery of any documents which are provided at proposal level and shall be updated for KO.
ESD module #3 Preliminary Design Review (PDR)	T0 + 3 months	PDR: Preliminary design requirement allocation of the EGNSS authentication core After the PDR, the contractor is allowed to start the activities towards the CDR.
ESD module #3 Critical Design Review (CDR)	T0 + 6 months	CDR: Critical design of system requirements of the EGNSS authentication core After the CDR, the Contractor is allowed to start the development activities.
ESD module #3 Qualification Review #1 (in-factory QR)	T0 + 12 months	QR: Qualification of the EGNSS authentication core (in-factory). After in-factory QR the EGNSS authentication core is ready to be deployed in the ESD hosting and uplink hosting sites to complete its qualification.
ESD module #3 Acceptance Review #1 (AR)	T0 + 15 months	AR: <ul style="list-style-type: none"> <li>Demonstration and Qualification of the EGNSS authentication core (on-site).</li> <li>The core is made fully available to the Contracting Authority and the ESD operator (early access) for preparing and running the validation.</li> </ul> This AR shall confirm that the deployed core is able to perform all anticipated activities, and that the operations phase linked to the EGNSS authentication can start.
End of initial warranty and maintenance period of the module ES-SC3 EoC	T0 + 27 months	Warranty and maintenance as per activities described in section 5.6 of the FWC SOW must continue until this milestone, where the ES-SC3 activities end.



Consequently, the Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract #3 issue 1.0 is replaced with issue 1.1 annexed to this Corrigendum.

- In the Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract #4 issue 1.0, annex I.I.e of the Invitation to tender, the following elements are modified:

Dates in column “Milestone Achievement Date” in Table 4-1 are now only referred to T0 and subsequent relative dates have been deleted. T0 is now defined as ESD-ES-SC4 contract signature instead of ESD-ES-SC4 KO. ESD-ES-SC4 KO shall take place no later than 2 weeks from T0.

**Table 4-1: ESD module #4 Facility Milestones** Corrig 3

Milestone	Milestone Achievement Date	Remark
ESD SC4 Signature	T0	Start of the ES-SC4 activities
ESD SC4 KO	T0 + 2 weeks	Delivery of any documents which are provided at proposal level and shall be updated for KO.
ESD module #4 Qualification Review (in-factory QR)	T0 + 3 months	QR: <ul style="list-style-type: none"> <li>Demonstration and Qualification of the EWSS core (in-factory).</li> </ul> After in-factory QR the EWSS core is ready to be deployed in the ESD hosting and uplink hosting sites to complete its qualification.
ESD module #4 Acceptance Review (AR)	T0 + 6 months	AR: <ul style="list-style-type: none"> <li>Demonstration and Qualification of the EWSS core (on-site).</li> <li>The core is made fully available to the Contracting Authority and the ESD operator (early access) for preparing and running the validation.</li> </ul> This AR shall confirm that the deployed core is able to perform all anticipated activities, and that the operations phase linked to the EWSS can start.
End of initial warranty and maintenance period of the module ES-SC4 EoC	T0 + 18 months	Warranty and maintenance as per activities described in section 5.6 of the FWC SOW must continue until this milestone, where the ES-SC4 activities end.

Consequently, the Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract #4 issue 1.0 is replaced with issue 1.1 annexed to this Corrigendum.

- In the Document Content Guidelines (DCG) issue 1.0, annex I.I.h of the Invitation to tender, the following elements are modified:

In section 4.1 Project Management Documents ESD-DD-SCX-PM20, ESD-DD-SCX-PM21, and ESD-DD-SCX-PM22 have been updated to issue 1.0 as follows:

Also, some typos referring to HADG have been corrected.

Project Management			
ID	Title	Purpose	Content
ESD-DD-SCX-PM01	Product Assurance Plan	The plan shall describe the planning, implementation and control of the PA/QA/RAM & Safety Programme established by the Contractor to meet the Requirements	Refer to AD.257 in AD-01
ESD-DD-SCX-PM02	PA & Safety Requirements for Subcontractors and Suppliers	To tailor the Contracting Authority PA requirements, to PA Requirements to Subcontractors and Suppliers.	Refer to AD.257 in AD-01
ESD-DD-SCX-PM03	Audit Preparation and Implementation Plan	This plan shall provide information about planned audits of ESD activities, Subcontractors and Suppliers.	<p>The Contractor shall provide the list of the audits planned. The list shall identify:</p> <ul style="list-style-type: none"> <li>i. Scope</li> <li>ii. Objectives</li> <li>iii. Activities, subcontractors and suppliers to be audited</li> <li>iv. Audit baseline</li> <li>v. Current status</li> <li>vi. Schedule of the follow-up Audit</li> <li>vii. Schedule for implementation of recovery actions (when applicable)</li> </ul> <p>Refer to AD.257 in AD-01 section 4.5</p>

Consequently, the Document Content Guidelines (DCG) issue 1.0 is replaced with issue 1.1 annexed to this Corrigendum.

- In the Contractual Index Status List (CISL) issue 1.1, annex I.I.f of the Invitation to tender, the following elements are modified:

Section 2.1 SoW and Programmatic Documents Issue of AD.101, AD.102, AD.103, AD.104, AD.105 have been updated to issue 1.1 as follows:

ID	Document title	Document reference	Issue
AD.101	Statement of Work for the EGNSS Service Demonstrator Framework Contract	EUSPA-ENG-SE-SOW-A31543	1.1
AD.102	Statement of Work for the EGNSS Service Demonstrator Specific Contract #1	EUSPA-ENG-SE-SOW-A31544	1.1
AD.103	Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract Scenario #2	EUSPA-ENG-SE-SOW-A31551	1.1
AD.104	Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract Scenario #3	EUSPA-ENG-SE-SOW-A31552	1.1
AD.105	Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract Scenario #4	EUSPA-ENG-SE-SOW-A31553	1.1

Also, the document “Galileo PA, QA and RAMS Generic Requirements” has been added as AD.257 under section 2.1

ID	Document title	Document reference	Issue
AD.257	Galileo PA, QA and RAMS Generic Requirements	EUSPA-PCEDQ-PA-REQ-A24122	2.0 / 12.03.2024

Also, the issue of the following documents in section 2.3 of Security-related Documents has been corrected: AD.301 to issue 3.1 / 2.0 and AD.307 to issue 1.0

ID	Document title	Document reference	Issue	Classification
AD.301	EGNOS Products Security Requirements Document (PSR)	GSA-EGN-SEC-REQ-A04588	3.1 / 2.0	UNCLA / R-UE annex NDU
AD.307	EGNSS Service demonstrator Security Classification Guide - Tailored version	EUSPA-EGN-SEC-SCG-A17697-RUE	1.0	R-UE/EU-R NDU

Consequently, the Contractual Index Status List (CISL) issue 1.1 is replaced with issue 1.2 annexed to this Corrigendum.

#### Annexes:

- Statement of Work for the EGNSS Service Demonstrator Framework Contract issue 1.1
- Statement of Work for the EGNSS Service Demonstrator Specific Contract #1 issue 1.1
- Statement of Work for the EGNSS Service Demonstrator Specific Contract #2 issue 1.1
- Statement of Work for the EGNSS Service Demonstrator Specific Contract #3 issue 1.1
- Statement of Work for the EGNSS Service Demonstrator Specific Contract #4 issue 1.1
- Document Content Guidelines (DCG) issue 1.1
- Contractual Index Status List (CISL) issue 1.2