Clarification Note #6

EUSPA internal reference: 304520

Procurement procedure: EUSPA/OP/12/23

Title: 'EmeRgency Alerting System (ERAS)'

Question #14: *The scope of SC1 mandates that the contractor delivers the solution by reusing handover assets from the STELLAR demonstrator project (ERAS-SC1-005) and leveraging the demonstrator application from asset SC1-PRG-6 (ERAS-SC1-006). This strategy aims to significantly reduce the need for additional design, development, and validation activities, as stipulated in ERAS-SC1-011. In this regard, the contractor is obliged to provide a comprehensive justification of how the existing handover assets have been effectively employed to diminish these activities (ERAS-SC1-012).*

In accordance with EUSPA-GAL-SE-CISL-A24679, the SC1-PRG-6 source code along with the relevant software documentation will be accessible upon the signing of the contract.

In alignment with Corrigendum No. 2, dated 07/06/2024, the Agency has updated the schedule for SC1 milestones as detailed in ERAS-SC1-003. These adjustments are designed to accelerate the delivery of a factory-qualified solution within five months after the Kickoff Meeting (KOM).

In order to gain efficiency and flexibility in the development cycle, and to be compliant with the optimizations above, the contractor is expected to prepare a proper tailoring to the Galileo Software Standard for Ground (SoC to GSWS-G, ENG-03). This tailored version is assumed to be subject to critical review and refinement by the Agency taking into consideration the operational use and service to be provided by the ERAS solution.

Being compatible to an optimized scope of work, while at the same time delivering a solution which is compliant with the tailoring to the GSWS-S agreed with the Agency and baselined for ERAS, require a clear understanding on the status of the SW assets that will be made available at contract signature. Can the Agency provide the SW development standard, and its applicable as built SoC matrix, for the SW to be reused as per ERAS-SC1-005 and ERAS-SC1-006?

Answer #14: STELLAR software have been developed according to actual industry best practices for languages programming, but no specific standard. The main source code has been written in Java

language, whilst the ancillary source codes (web page and monitoring) have been written in Python and Single File Components. The size of source files have been measured respectively about 8.200 lines of code (main part) and 13.500 lines, with about 1.800 and 600 lines of comments.

Question #15: *Given the provision of the SOPI EVO-DDV document (Corrigendum No.4), and in reference to FWC-SOW-0163 'Deliverable Hardware and Software,' could you please specify the list of hardware deliverables in terms of processing chains/environments and their association with the procedures detailed in Section 4 of SOPI EVO-DDV?*

Answer #15: ERAS solution shall be developed and delivered following the "DDV Major Release process" in section 4.1 of the document "Service Evolution System Development, Deployment & Verification (EVO-DDV)", ref. EUSPA-GAL-SYST-PRCS-A18742. There is no procedure per se in that section. ERAS hardware used for the instance in development environment (FAT) up to operational environment (OPE), including the validation environment (VAL), shall be the same for the tasks carried out in Specific Contract 1 Statement of Work (see ERAS-SC1-005: EWSS Delivery), without prejudice of the smartphone application. For the additional instances requested in ES-SC4 for evaluation (ERAS-SC4-005: Scope of the Deliveries), it is not expected they will undergo the full process and such optimization is to be part of the tenderer proposals.