PROCUREMENT – 27 FEBRUARY 2023
SESAR3 JOINT UNDERTAKING
PROJECTS PEARL AND AMPLE3

1. Scope of the procurement

The current procurement is aimed at sub-contracting of a technical expert with a background in SES items Master Plan and Performance to be able to express the general interests of airport operators in both projects and contribute to those projects from a general airport operators perspective. The individual airport interests will be covered by Munich Airport (Pearl) and Brussels Airport (AMPLE3). The procurement is done for the period 1st of June 2023 till 31st of June 2026. It is in all cases a 36 month period that can be adjusted regarding the starting date. The starting date will be the one that is defined commonly by the partners for the start of both projects.
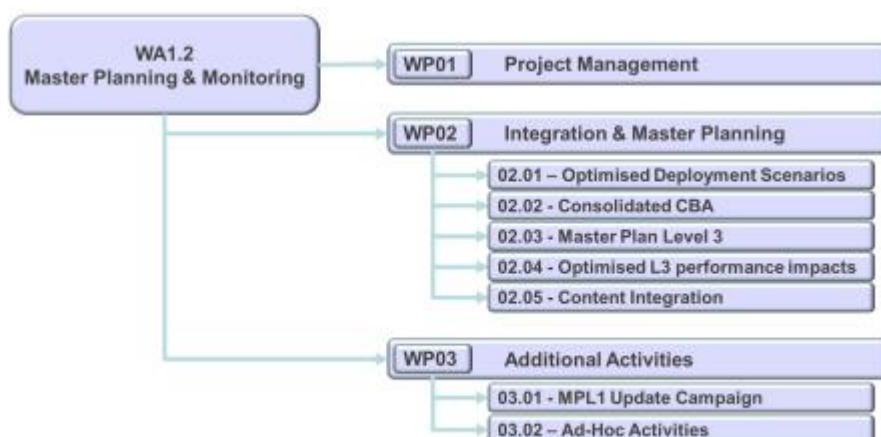
2. Content

2.1 Project AMPLE3
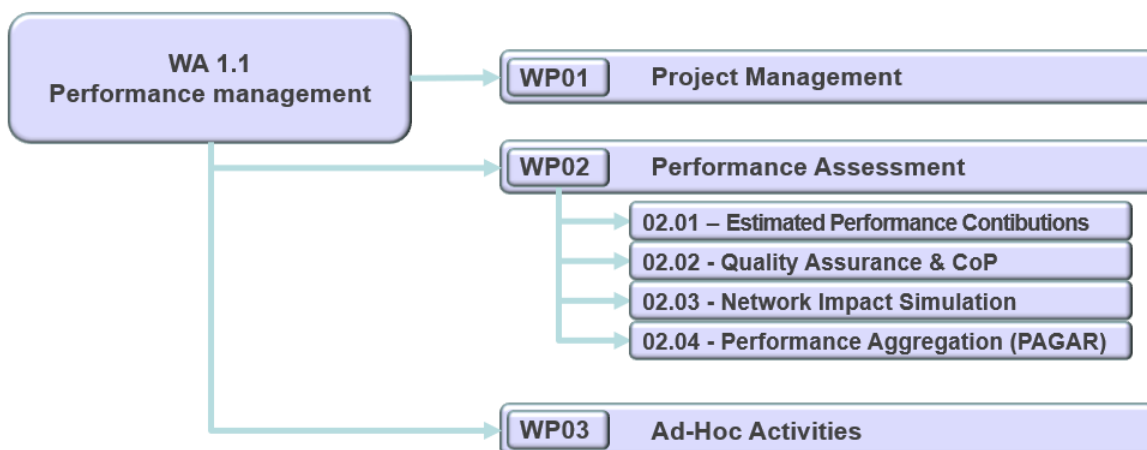

Figure 3: AMPLE3 project WBS

The two main Work Packages (WP) are defined as follow:

- **WP02 – Integration and Master Planning** will support the S3JU to plan and report on deployment activities in both industrialisation and implementation. This WP will cover:
  - **02.01- Optimised Deployment Scenarios** to develop and maintain the optimised deployment scenarios for R&I uptake of SESAR Solutions throughout the European network in connection with the network impact assessment results. This will be the basis for the ATM MP L3 plan. This task also includes the alignment of the ICAO aviation system block upgrade with the evolution of the European ATM MP, and the assessment of possible inconsistency.
  - **02.02 – Consolidated CBAs** to develop and maintain the related consolidated CBAs.
  - **02.03 – Master Plan Level 3** to consolidate and deliver the European ATM MP L3 Plan and the annual L3 Report.
  - **02.04 - Optimised level 3 performance impact** to develop and maintain the optimised level 3 performance impact plans on future reference periods (at national and ECAC levels). This also includes the support provision in updating the SESAR Solutions Catalogue, regarding links to deployment, as a communications and dissemination tool.
  - **02.05 - Content Integration** to support the SESAR 3 JU in **SESAR Architecture** content integration and consolidation (i.e., modelling, information developed in accordance with CAF4DES).

- **WP03 - Additional Activities** to **provide ability and flexibility to support to S3JU** for a set of unplanned activities. Some activities are well anticipated but needs to be confirmed (such as European ATM MP L1 campaign or the definition of future Common Project proposals where and when mandated by the European Commission). But, as it happened for the previous SESAR programmes, other ad hoc strategic planning, and monitoring activities (e.g., airspace architecture study-type activities) might be needed and requested from the project. This WP is organised in a set of tasks as follow:
  - **03.01 – MPL1 Update Campaign** to support the S3JU in organising the Master Plan level 1 update campaign, also including the update the deployment and business views.
  - **03.02 – Ad-Hoc Activities** to support the definition of future common project proposals where and when mandated by the European Commission; and to support other ad hoc strategic planning and monitoring activities (e.g., airspace architecture study-type activities).

The work package structure can be updated based on the new process the SJU3 will propose to adopt to the Governing Board.

The forecasted workload is 60 days over a period of 36 months.

2.2. Project PEARL

- **WP02 – Performance Assessment** will manage all the technical activities necessary to fulfil the SESAR Performance Management process as described, and to support the S3JU in performance-related matters. This WP is organised in a set of tasks, each one focused in a specific aspect of the methodology:

  - **02.01- Estimated Performance Contributions,** to determine the SESAR Performance Domains where every SESAR Solution will impact, setting a reference for them to plan their assessment activities and an a priori indication at Programme level.

  - **02.02 – Quality Assurance & Community of Practice (CoP),** to help SESAR Solutions in their performance assessment, providing support, guidance and training (when applicable). It is shaped as a general pool of performance experts to allow a transversal participation of experts in the all the different tasks.

  - **02.03 – Network Impact Simulation,** to run integrated simulations of multi-SESAR Solutions to assess the potential network impacts and confirm interdependencies between the individual Solutions. This task has a significant interaction with all the others, and also with ATM Master Plan activities within AMPLE3 project.

  - **02.04 – Performance Aggregation (PAGAR),** to consolidate the performance results coming from SESAR Solutions and produce Performance Assessment and Gap Analysis Report (PAGAR) updates as. Additionally, to ellaborate and maintain the Performance Dashboard, defined as an interactive tool.

For task 02.02 the lead in the performance domain capacity at airport will need to be performed together with Munich Airport.

Overall, task 02.02 is structured around the following roles:

- **Performance PoCs**: ATM Performance experts with knowledge of the SESAR performance Management process (2 x Solution / linked group of solutions will be identified when necessary)

- **Performance Domain Champions**: ATM Performance experts with SESAR performance background and expertise in a determined KPA/Performance Domain/Focus Area

- **Supporting team of Performance Domain experts**: ATM performance experts in any Performance Domain/KPA which are interested to contribute to the activities, not taking a leading role

The following table shows the initial allocation of Performance Domain Champions, already performed in order to ensure the suitability of PEARL experts to carry out the activities (other partners will also contribute to the domains as part of the Supporting Team):

Performance Domain		Lead
Operational Performance	Coordination	ENAIRE
	Capacity	INDRA (ACI Europe/Munich Airport in APT Capacity)
	Cost Efficiency	ENAV/INDRA
	Predictability & Punctuality	ENAIRE
	Other	ENAIRE

The work package structure can be updated based on the discussions with in the grant agreement negotiations.

The forecasted workload is 80 days over a period of 36 months.

3. Conditions the candidate needs to meet.

a. Mandatory

- Proven knowledge and involvement in the Master Plan process.
- Proven knowledge of airport performance processes inside ATM and airport operators performance processes and KPI's.
- Proven knowledge of airport operators positions in ATM processes and in airport operations airside and landside.
- A well established network of contacts with airport operators in order to be able to contribute to the work without involvement of other ACI Europe staff.
- Proven knowledge of Single European Sky, SESAR and in particular SESAR3 and the SJU3 joint undertaking is an advantage.

b. Required Documents

- Proof of experience (CV)
- Motivation letter
- Financial conditions based on benchmark

As both projects are to a certain extent integrated, one resource would be preferable.

4. Interview process

Interviews might, if the circumstances require, be conducted by ACI EUROPE experts on 3rd week of March 2023.

5. Deadline

Please submit your full application **no later than 10th March 2023 (COB)** to Ms Stéphanie Coppin, ACI EUROPE, Director of Resources (email: stephanie.coppin@aci-europe.org)

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