

## **PUBLIC CALL FOR PROJECT TEAM EXPERTS**

for the execution of the work called for in the proposed Specific Agreement

RRS - SMP-STAND-2022-ESOS-02-IBA

### **Space Traffic Management – Rules of the Road**

#### **Introduction**

Following the acceptance by the European Commission of a proposal from CEN, as prepared by the CEN-CENELEC/JTC 5 Secretariat, funding is available for establishing a team of paid experts.

Recruiting these experts has been delegated by the CEN Director General to the secretariat of CEN-CENELEC/JTC 5, held by DIN for Part 2 (“Data exchange format”) of the project, and AFNOR/BNAE for Part 1 (“Rules of the road”) of the project.

#### **Tasks of the project team**

The project team's requirements and main tasks for “Space Traffic Management – Part 1 Rules of the Road” are:

- Strong experience in Space Traffic Management.

The following specific capabilities are required for the experts:

- Knowledge of existing or under development standards and guidelines in the domain of Space Traffic management
- Knowledge of current space environment, debris situation and New Space activities
- Ability to conduct in-depth studies to support and justify the work performed

Technical expertise is needed in the field:

- Space Situational Awareness (SSA) activities, including Space Surveillance and Tracking (SST),
- Space debris mitigation and remediation,
- Management of space orbits and radio spectrum,
- Entire lifecycle of space operations including launch, in-orbit operations, and end-of-life de-orbit operations,
- Re-entry phase of spacecraft into the airspace (both controlled and uncontrolled)

- Consolidating the EU position on STM.
- Development of an operational STM “rules of the road” standard coordinated with the European space industry that cover aspect of operational safety in a congested environment.
- The project team, under the leadership of the project leader shall ensure general coordination of technical experts, coordination of functional areas activities, and link with CEN-CENELEC/JTC 5 Secretariat
- Drafting report and draft standard with a well-defined Glossary used in Space sector.
- Regular status reports will be provided to the Steering Committee for information and seeking assistance on issues where required. The project team will consider and take due account inputs from the Steering Committee and its members.

#### **Contractual details**

The proposed Project plan is attached. The project plan describes in detail what is expected from the project team, the work plan and milestones and the expertise required for the execution of the task(s).

The experts selected will sign an Agreement with AFNOR/BNAE. Applicants should be forewarned that the elapsed time between completion of the deliverables and AFNOR/BNAE being in a position to issue the payment is at least five months. This will be partly overcome by the fact that CEN and the European Commission have agreed on the following payment steps:

- Step 0: Pre-financing (70% of the total budget) - following signature of the Agreement with AFNOR/BNAE;
- Step 1: Final payment<sup>1</sup> - subject to the approval of the final report by the European Commission and EFTA

### **Selection procedure**

Applicants will be selected by a selection committee, which is composed of:

- the Chair of CEN-CENELEC/JTC 5, Space or its representative;
- the Secretary of CEN-CENELEC/JTC 5;
- a representative from BNAE;
- a representative from the CEN -CENELEC Management Centre.

Applications will be reviewed against the criteria found in the project plan (weighting 70%). Experts will be selected ensuring an equal representation of sectors, countries and skills, as well as the expected 'chemistry' within the project team (weighting 10%). Additionally, the selection will be based on the principle of best value for money, considering the day rate of the expert and the number of days the expert requires to execute the work (weighting 20%).

The report of the selection committee on the selection of the experts will be submitted for approval to the European Commission and EFTA prior to the contracting of the experts.

### **Application procedure**

Applications should be submitted using the attached application form by 2023-10-13.

Applications received after the deadline will not be taken into consideration.

I'm looking forward to receiving your application.

Yours sincerely,

Marie-Noëlle Touzeau,

BNAE

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<sup>1</sup> Up to 100% of the total budget, reflecting the actual number of man-days spent.