

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 – Part 2 Data exchanges format

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, and AFNOR/BNAE

Task of the project team

The project team's requirements and main tasks for “Space Traffic Management – Part 2 Data exchanges format” are:

- The following specific capabilities are required for the experts:
 - Knowledge of existing or under development standards and guidelines in particular in the domain of Space Traffic management, Spacecraft operation, and Space surveillance
 - Knowledge of current and trending New Space activities in the domain, as well as specifically of service concepts for space surveillance sensors and spacecraft operations
 - Demonstrated ability to collect, prioritise, and synthesise user perspectives from diverse and heterogeneous communities
 - Excellent demonstrated skills to formulate and prototype data exchange standards
- Involve the user community of spacecraft operators, space surveillance data providers, and service providers, evaluate recent relevant technology developments and trends in order to collect user perspectives, to assess user needs and to evaluate existing and expected technical constraints
- Develop a message format and consider capabilities of spacecraft and sensors, as well as applicable constraints, address data integrity, prioritisation and negotiation schemes for exchange
- Prototype an implementation for discussion with the user community
- Collect comments from critical assessment of the prototype implementation

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 DIN. Applicants should be forewarned that the elapsed time between completion of the deliverables and DIN 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 DIN;
- Step 1: Final paymentⁱ - 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;
- 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,

Justus Heese-Gärtlein,

Secretary of CEN-CENELEC/JTC 5

ⁱ Up to 100% of the total budget, reflecting the actual number of man-days spent