

CONTRACT TECHNICAL SPECIFICATIONS

Safety and Licensing document support

Technical Specifications

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1 Abstract

This contract covers support of ITER safety and licensing activities in particular preparation of safety reports and other licensing documents in English and French. It makes use of the experience of the contractor in French nuclear licensing and document editing.

2 Background and Objectives

ITER is a nuclear facility and will be licensed under French law as a Basic Nuclear Installation (Installation Nucléaire de Base, INB). In pursuing its nuclear license, the ITER Organization (IO) has submitted to the French authorities a request (Demande d'Autorisation de Création, DAC) in March 2010. This DAC comprises many documents totalling around 5000 pages, and including the Preliminary Safety Report (Rapport Préliminaire de Sûreté, RPrS). The examination of these documents by the authorities is expected to start in the second half of 2010. A public enquiry is anticipated at the end of 2010, and the technical examination during 2011, with a standing committee of experts ("Groupe Permanent").

All documents sent to the nuclear safety authorities are in French. In most cases, an equivalent English version is maintained within the ITER Organization.

During examination of the DAC files and its supporting documents (the "safety files"), it can be expected that many questions will be raised by the authorities and their technical advisors. These will require the submission of further documents and other complementary information, and a timely response will be essential. At the same time, documentation within IO must be kept consistent with that sent to the regulator, and any changes in IO documents that could have an impact on the licensing must be carefully tracked.

This contract will support the Nuclear Safety & Environment Division (NSED) during this process, in particular in maintaining correct safety documentation in French and English. Advice on the preparation of key aspects of the safety case will also be given, based on experience of the licensing of other non-fission reactor facilities as an INB in the French licensing process.

3 Scope of Work

To review, edit, update and write documents in English and French, including safety documents for regulatory submission, and ITER Baseline documents representing the ITER safety basis according to the licensing submittals. To provide advice and consultation on aspects of ITER safety for licensing, based on experience of other (non-reactor) INB licensing in the French system.

4 Estimated Duration

Total of 50 days between 1st September 2010 and 31st December 2011.

5 Work Description

Details of work to be performed will be specified as the needs arise by the head of Nuclear Safety & Environment Division or his delegated representative. It will include:

- updating of English versions of chapters of the Preliminary Safety Report (RPrS) for consistency with the existing French versions, including translation of technical text where required;
- review, correction and editing of other safety and licensing documents, in English and French;
- providing advice on aspects of the ITER safety case for nuclear licensing, in the light of experience at other non-reactor nuclear facilities licensed in the French regulatory framework;
- review and editing of other documents as required from time to time by NSED.

Each work task will be individually specified in consultation with the contractor, and a deliverable date agreed.

The work may be performed at the contractor's own premises. The contractor's presence at the ITER site will be expected from time to time, to discuss aspects of the work or to meet with other members of IO staff. The scheduling of these visits will be agreed in discussion with the contractor.

6 List of deliverables and due dates (proposed or required by ITER)

As mentioned above, each specific item of work to be performed will be discussed with the contractor before its commencement, and a deliverable date will be agreed.

7 Acceptance Criteria (including rules and criteria)

Each item of work to be completed according to agreed deliverables shall be reviewed and accepted by the contract Responsible Officer or a nominated representative.

8 Work Monitoring / Meeting Schedule

Completion of work items will be checked by the contract RO. For longer tasks an interim monitoring point may be defined. Meetings, to be held in ITER offices, will be scheduled from time to time as required and in discussion with the contractor.

9 Payment schedule / Cost and delivery time breakdown

Payments shall be effected on a quarterly basis, covering days actually worked, relevant reimbursable expenses and per diems as applicable