Part 3A

Product Specification

Proposal Reference: (reference number)

**Notes for the Use of this Template**

Material presented in this plain style is suggested content for a Full Proposal. This is intended to be an example of a response to the related Agency requirements, which the Tenderer needs to properly complement by activity-specific information. The suggested material may be adopted as is, or modified at the Tenderer’s discretion. It remains the responsibility of the Tenderer to ensure that all of the Agency’s requirements of the present Call for Proposals are properly addressed.

This style is used to identify information that must be modified and/or completed by the Tenderer for the proposed activity. This supplementary information should be presented in plain typeface (i.e. not red) in the final version of the Full Proposal.

This style is used for explanatory notes and guidance to help you to develop the Full Proposal content (e.g. to indicate a selection between mutually-exclusive options). This information should be removed from the final version of the Full Proposal.

Use of this Full Proposal Template is optional. However, the Agency recommends not to change the structure of this Part of the Full Proposal (i.e. the table of contents should remain as indicated in this Full Proposal Template).

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# Technical Requirements

## Product Specification

The requirements for the product and its constituent parts are presented in document reference(s), a copy/copies of which is/are attached to this proposal.

include the following statements if the Full Proposal includes a Space Segment Demonstration Phase

This generic product specification encompasses the requirements of the targeted flight mission. The differences between the proposed flight item and the generic product are summarised in the table below.

**Differences between the proposed flight item and the generic product**

| **Category** | **Differences with Respect to the Generic Product** |
| --- | --- |
| Technical Requirements | … |
| Interface Requirements | … |
| Qualification Requirements | … |
| Build Standards | … |
| Verification Requirements | … |
| … | … |

include the following statement if the Full Proposal includes a Ground Segment or System Demonstration Phase

This generic product specification encompasses the requirements of the targeted pilot operation.

## Statement of Compliance to the Requirements

include this section only if the requirements have been provided by a third party/external entity, for example, a satellite prime

A statement of compliance to the requirements for the product and its constituent parts is presented in document reference(s), a copy/copies of which is/are attached to this proposal.

include the following statements if the Full Proposal includes a Space Segment Demonstration Phase

The statement of compliance encompasses the generic product requirements and the requirements of the targeted flight mission.

include the following statement if the Full Proposal includes a Ground Segment and/or System Demonstration Phase

The statement of compliance encompasses the generic product requirements and the requirements of the targeted pilot operation.

# Quality Requirements

The quality requirements for the product in its intended market and operating environment are identified in the table below.

**Quality requirements for the product**

| **Document Title** | **Document Reference(s)** | **Scope** |
| --- | --- | --- |
| … | … | … |
| … | … | … |
| … | … | … |

include the following statement the Full Proposal is for the Space Segment and includes a Technology, Product or Demonstration Phase

The product specification defines the requirements for quality control, including:

* quality assurance
* dependability
* safety
* electrical, electronic, electromechanical (EEE) components
* materials, mechanical parts and processes
* software product assurance

include the following statements the Full Proposal is for the Space Segment, includes a Technology, Product or Demonstration Phase and targets one or more ESA space missions

The proposed development is targeting the following ESA space missions: insert names of the ESA missions that the development is targeting.

The Tenderer confirms that the quality requirements set out in this document are compliant with the quality requirements of the above mission(s).

or

A statement of compliance to the quality requirements for each of the ESA missions identified above are presented in document reference(s), a copy/copies of which are attached to this proposal.

# Requirements Traceability

include this section if the product complexity is such that multi-level specifications are used and the development maturity of the product enables the traceability to be defined

A requirements traceability matrix is presented in document reference, a copy of which is attached to this proposal.