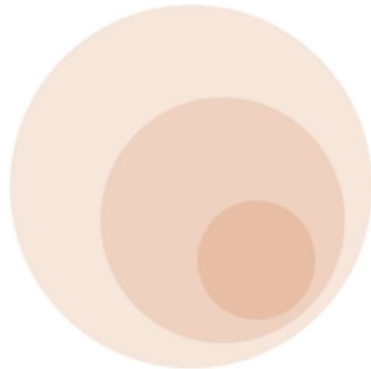




PROCUREMENT AND SALES DIRECTORATE
PROCUREMENT AND SALES SUB-DIRECTORATE



Competitive bidding regulations

OPEN CONSULTATION (ARTICLES L. 2500 OF THE FRENCH
PUBLIC PROCUREMENT CODE)

**R&D ON QUANTITATIVE ASSESSMENT OF
CONJUNCTION DATA MESSAGES FOR ROBUST
COLLISION RISK ESTIMATE**

ORASOA202600602


Contract notice published in the supplement to the
Official Journal of the European Union (OJEU):

No.:

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This competitive bidding procedure is made up of the following documents, in descending order of priority:

- [DA1]: These competitive bidding regulations and appendices:
 - Appendix 1: General provisions governing CNES calls for tender
 - Appendix 2: Response template
- [DA2]: Technical specifications
- [DA3]: The draft contract

1 PURPOSE OF THE COMPETITIVE BIDDING PROCEDURE

This competitive bidding procedure concerns the services related to aggregating the information of all available Conjunction data messages into a robust assessment of the collision risks. More precisely, we wish to be able to:

- 1) WP1: Design a quantitative assessment of an orbit estimate's information content, as typically described in a CDM, shaped into a set of metrics. These metrics must reflect the quality of the orbit estimate for the purpose of collision risk analysis.
 - 2) WP2: Expand the results of WP1 into building a set of metrics for a CDM, aggregating the metrics of the orbit estimates it contains, and relevant pieces of extra information (if any). The result metrics must reflect the quality of the CDM for the purpose of collision risk analysis.
 - 3) WP3: Propose a risk assessment method fed with weighted CDMs (i.e. assessed with the set of metrics built in WP2), to provide a more robust PoC estimate to collision assessment teams.
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2 SPECIFICATIONS

2.1 TECHNICAL SPECIFICATIONS

2.1.1 Division into work packages

This competitive bidding procedure is not divided into legal work packages. The Candidate's bid must cover all the services defined in the technical specifications [DA2], which constitute a **single legal package**.

This legal package is broken down as follows:

Firm tranche:

- Technical work package 1: Orbits quality assessment for Collision Avoidance purposes, until 31 March 2028, Firm price
- Technical work package 2: Conjunction Data Message assessment, until 31 March 2028, Firm price
- Technical work package 3: PoC computation with weighted CDMs, until 31 March 2028, Firm price

2.1.2 Alternative bid

The Candidate **is not authorised to submit an alternative bid**.

2.1.3 Minimum requirements

In the context of this competitive bidding procedure, **no minimum requirements are specified**.

2.2 CONTRACTUAL SPECIFICATIONS

The services shall be covered by **a Contract, with an estimated duration of 18 months**.

The draft contract is presented in [DA3].




This draft contract constitutes a full-fledged specification and must be explicitly accepted by the Candidate in its bid, bearing in mind that for the purposes of this competitive bidding procedure, the draft contract as submitted in the regulations constitutes a non-negotiable contractual basis.

2.3 FINANCIAL SPECIFICATIONS

Price disclosure: In the context of this competitive bidding procedure, **the Candidate shall be informed that the credits allocated to this contract are € 1 000 000 excluding tax. The bid whose amount exceeds these credits shall be declared non-conforming under the conditions set out in §3.1.**

Co-financing: In the context of this competitive bidding procedure, **no special requirements are specified.**

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2.4 RESPONSE TEMPLATE

 **The Candidate's bid must be drawn up according to the "Response template" given in Appendix 2.**

All the communication between CNES and the Candidate, and in particular the submission of the bid, shall only be done using the CNES procurement dematerialisation platform, accessible via the link: <https://marches.cnes.fr>



Only if this platform is not accessible is the Candidate authorised to contact:

CENTRE NATIONAL D'ETUDES SPATIALES

Procurement – Sales service **DAR/OAR/SOA**

Address: **18, avenue Edouard Belin - 31401 Toulouse Cedex 9, France**

For the attention of **Quentin GARRIGA**

quentin.garriga@cnes.fr



The Candidate who uses this means of communication must send with its request the proof that the platform placed at its disposal is unavailable. Otherwise, CNES reserves the right not to respond to its request.

3 SELECTION CONDITIONS


3.1 BID CONFORMITY CONDITIONS

The nonconformities that can lead to rejection of the bid by CNES are as follows:

- Inappropriate bid: bid unsuited to the contract because, without substantial modification, it is clearly unable to meet the needs and requirements of CNES as expressed in the competitive bidding documents, which is equivalent to a failure to bid,

After negotiation, if applicable:

- Irregular bid: bid which fails to meet the requirements expressed in the competitive bidding documents, in particular because it is incomplete, or which is in breach of the applicable legislation, especially social and environmental legislation,
 - Unacceptable bid: bid for which the price exceeds the budget credits allocated to the contract.
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3.2 SELECTION CRITERIA


The analysis of the bids will lead to a rating based on a range of technical, administrative and financial criteria.

The bids shall be assessed with a view to selecting the most economically favourable bid according to the following weighted criteria:

3.3 SELECTION CRITERIA

Note: Although the following criteria will be used to score the submitted proposals per legal work packages, the analysis will be made per technology involved.

Criteria	Description	Contribution
C1 – Technical	<p><u>Relevance and credibility of the technical proposal.</u></p> <p>The main assessment elements are:</p> <ul style="list-style-type: none"> • Does the candidate provide a coverage matrix showing full compliancy with the requirements stated in the call? • Does the candidate provide a concise and articulate argumentation supporting their technical approach? • Does the candidate provide sufficient evidence of the relevance and reliability of their solution? • Does the candidate show critical thinking in their analysis of the needs, constraints, and objectives stated in the call? • Does the solution proposed by the candidate comply with the input (>=3) / output (<=7) TRL? 	40%
C2 – Organization and method	<p><u>Relevance of the work organization.</u></p> <p>The main assessment elements are:</p> <ul style="list-style-type: none"> • Does the candidate present a clear organizational structure? • Does the candidate provide adequate skill matrices for this activity? • Does the candidate propose a clear calendar compatible with the timeline of the activity? • Does the candidate present their organization of work? • Does the candidate provide a risk matrix with adequate scope, and the relevant mitigation measures? 	30%

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Criteria	Description	Contribution
C3 – Cost	The total cost of the solution is evaluated.	20%
C4 – Ecology	<p><i>Concerns about consequences of the project on the Ecology</i></p> <p>The main assessment elements are:</p> <ul style="list-style-type: none"> • Does the candidate commit to credible mitigation actions addressing, and tailored to, the environmental impact of this activity? • Is the candidate already certified in ISO norms related to environmental sustainability? 	10%

4 COMPETITIVE BIDDING PROCESS

The steps in this competitive bidding procedure are as follows:

4.1 PRELIMINARY CALL FOR PROPOSALS

This competitive bidding procedure **is not subject to a pre-bid invitation to tender.**

4.2 SITE VISIT

This competitive bidding procedure **is not subject to a site visit.**

4.3 PRESENTATION OF THE TECHNICAL SPECIFICATIONS TO ALL BIDDERS

A presentation of the SOW will be held by videoconference within two weeks of the announcement date. To participate, the Candidate must indicate its interest on ATEXO by providing a contact email address.

4.4 BID SUBMISSION


The Candidate must submit its bid in accordance with the conditions specified in chapter 2.4 of these regulations, and no later than: **06/05/2026 at 12:00.**

 **Any bid submitted after this deadline shall not be considered.**

Any questions from the Candidate must be sent via the CNES purchasing profile, at least ten (10) working days before the deadline for receipt of bids. The CNES will inform all Candidates of the response to questions via its buyer profile.

Any request for an extension of this deadline must be duly substantiated and sent via the CNES buyer profile at least **ten (10) working days** before the deadline for the receipt of the bids.

If CNES considers this request acceptable, it shall inform all the Candidates via its buyer profile.

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If the procedure did not require a preliminary call for proposals, the Candidate shall complete its bid with the elements necessary for the examination of its proposal by CNES. All the documents submitted by the Candidate in response to this competitive bidding procedure shall be kept and archived by CNES and treated as confidential.

4.5 BID NEGOTIATION

This competitive bidding procedure **may give rise to a negotiation phase, according to the conditions specified below.**

After the bids have been received, CNES may:

- Invite the Candidate to participate in a negotiation phase which will lead to the submission of a bid modified accordingly. Within the context of this phase, apart from the negotiation leading to a modified bid, CNES may, in particular, ask the Candidate for substantiating documentation regarding any particular component of its pricing proposal and may request additional details concerning all the components of the bid. In any case, these clarifications shall be sent to CNES via the buyer profile within **three (3) days** following the request and shall be incorporated into the modified bid.
- Before taking its decision, ask the Candidate for more details and information concerning its modified bid; these clarifications or additions are intended to clarify the file. The Candidate is required to provide CNES, via the buyer profile, any additional technical, administrative or financial information that may be requested within **three (3) days** following the request.
- Choose the modified bid based on the selection criteria set out in paragraph 4.5 below.



However, CNES reserves the right to award the contract on the basis of the initial bid without negotiations.

The initial bid shall apply until the modified bid is issued by the Candidate. The modified bid shall be binding on the Candidate.

4.6 OUTCOME OF THE COMPETITIVE BIDDING PROCEDURE - NOTIFICATION OF THE RESULT

At the end of this competitive bidding procedure, CNES shall notify the Candidate of its choice (bid selected or rejected).

If all the bids received are non-conforming, CNES shall declare the competitive bidding unsuccessful and shall inform the Candidate of its decision.

4.7 FINALISATION OF THE CONTRACT


After the decision to award the contract, a contract finalisation phase may be scheduled by CNES.



This finalisation may not result in any substantial modification to the bid or the contract, any variation in which would be liable to distort competition or have a discriminatory effect.



In particular, at this stage of the competitive bidding procedure, the draft contract is deemed to be explicitly accepted by the Candidate or, if this

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regulation so permits, to have been the subject of amendments duly justified by the Candidate and accepted by CNES.

4.8 DECISION TO TERMINATE THE BIDDING PROCEDURE

If CNES decides not to proceed with this competitive bidding procedure, it shall inform the Candidate as soon as possible in accordance with the regulations. The decision to terminate the bidding procedure shall not give rise to any compensation.

❖ End of document ❖
